



WHO-prequalified equipment
for the Expanded Programme
on Immunization (WHO EPI)

DATE OF LAST REVISION CATEGORY INFORMATION: 09/2024
DATE OF LAST REVISION PRODUCT DATA SHEETS: Date of download

WHO Immunization Devices Performance, Quality & Safety (IMD-PQS)

CATALOGUE OF PREQUALIFIED DEVICES

“PQS Catalogue”



**World Health
Organization**

Vaccines & Immunization Devices Assessment Team (VAX)
Prequalification Unit (PQT)
Regulation and Prequalification Department (RPQ)
Access to Medicines and Health Products Division (MHP)



Preface

The WHO PQS Catalogue includes details of all immunization-related products and devices currently prequalified by WHO for procurement by United Nations agencies. The catalogue is produced and maintained by the World Health Organization (WHO) Performance, Quality, and Safety (PQS) Secretariat in the Access to Medicines and Health Products (MPH) Division of WHO in Geneva, Switzerland. The PQS Catalogue replaces the old WHO/UNICEF Product Information Sheets (PIS), of which the last edition was published in 2000.

Only products that are included in the IMD-PQS Catalogue are recommended for purchase by UN agencies.

Products that successfully meet WHO standards for immunization products and devices are “prequalified” for use in any national Expanded Programme on Immunization (EPI) to which they are relevant. Prequalified products are listed in the IMD-PQS Catalogue and accompanied by information sheets to help buyers select the most appropriate products for their specific needs.

The IMD-PQS Catalogue and individual product data sheets are available and accessible as an online version on the IMD-PQS website under [Key resources/Prequalified products¹](#). Each edition of the catalogue is date-stamped and updated regularly to ensure that the information it contains remains current.

Navigation

The PQS Catalogue is organized into the following sections:

E001: Cold rooms, freezer rooms and related equipment

E002: Refrigerated vehicles

E003: Refrigerators and freezers

E004: Cold boxes and vaccine carriers

E005: Coolant-packs

E006: Temperature monitoring devices

E007: Cold chain accessories

E008: Single-use injection devices

E010: Waste management equipment

E013: Injection devices for therapeutic purposes

Categories E009 and E012 are currently not in use.

¹ PQS Catalogue, PQS website *Key resources/Prequalified products*:
<https://extranet.who.int/prequal/immunization-devices/online-catalogue>

Coding

Each catalogue section includes a brief presentation of the equipment category, details of currently prequalified products and links to relevant supporting documents, including equipment selection.

Every product has a unique reference: the IMD-PQS product code. The code comprises the category reference (e.g. E003) followed by a number that is exclusive to the product. A unique reference is never reassigned to another product, therefore breaks in the numerical sequence will appear when an item is dropped from the catalogue.

Feedback

User feedback is an essential component of the regulatory value chain for cold chain equipment. Information on how equipment performs in the field operating context informs WHO IMD-PQS equipment standards. It also provides valuable information for product manufacturers and EPI programmes to take actions that result in improved CCE performance.

IMD-PQS actively encourages product users to provide feedback on:

- product performance or any defects encountered, and
- your evolving operational needs.

The [IMD-PQS Feedback Form²](#) can be used to share information on equipment performance issues, or an email can be sent to gobinai@who.int and mallinsp@who.int for general comments and queries.

Conditions of use

Information presented in the WHO IMD-PQS Devices Catalogue does not reflect the views or policies of the World Health Organization (WHO) and the mention of specific companies and products does not imply any endorsement or recommendation by the WHO.

The IMD-PQS Catalogue may be reproduced and translated in whole or in part for educational or non-profit purposes without special permission. However, no use may be made for resale or for any other commercial purpose whatsoever.

Web-accessible links to sites external to the WHO are provided as additional resources in the catalogue. However, no endorsement is implied and WHO is not responsible for the accuracy of information provided by external sites.

² PQS Product Feedback Form: <https://extranet.who.int/prequal/form/imd-feedback-form>

Abbreviations

The following symbols and abbreviations may occur in the section guidelines and in the product data sheets:

--	information not applicable or not available
<	less than or equal to
>	greater than or equal to
°C	degrees celsius (centigrade)
A	ampere
AC	alternating current
BCG	bacille Calmette-Guérin vaccine (for tuberculosis)
cc	cubic centimetre
CFC	chloro-fluoro-carbon
cm	centimetre
DC	direct current
DT	diphtheria and tetanus toxoid vaccine
DTP	diphtheria-tetanus-pertussis vaccine
g	grams
G	gauge
GWP	global warming potential (CO ₂ = 1.0)
H x W x L	height by width by length (or depth)
HC	hydrocarbon
HDPE	high-density polyethylene
HepB	hepatitis B vaccine
HFC	hydro fluorocarbon
Hib	Haemophilus influenzae type b vaccine
HIPS	high impact polystyrene
hrs	hours
Hz	hertz (cycles per second)
id	internal diameter
IPV	inactivated polio vaccine
kg	kilograms
km	kilometre
kVA	kilovolt-ampere
kWh	kilowatt-hours
L	litres
m	metre
m ³	cubic metre
max	maximum
min	minimum
ml	millilitre
mm	millimetre
MMR	measles-mumps-rubella vaccine
MR	measles-rubella vaccine

No.	number
od	outer diameter
ODP	ozone depletion potential
OPV	oral polio vaccine
PoA	price on application
psi	pounds per square inch
PVC	polyvinyl chloride plastic
RPM	revolutions per minute
TT	tetanus toxoid vaccine
V	volt
VAC	voltage alternating current
VDC	voltage direct current
W	watt
YF	yellow fever vaccine

Product prequalification under IMD-PQS

Every item listed in the catalogue has been shown to comply with the relevant IMD-PQS performance specifications and has been independently assessed against the companion verification protocols. IMD-PQS performance specifications and verification protocols can be downloaded from the [IMD-PQS website](#)³.

A performance specification defines the functional requirements of a product and describes the environment within which it must operate. It also describes any interface and interchangeability requirements.

A product verification protocol describes in detail how the performance of a class of immunization-related products will be tested or otherwise evaluated as part of the IMD-PQS product prequalification procedure. Products that satisfy performance specification standards are deemed to be prequalified and will be included on the IMD-PQS database.

Following initial prequalification, all listed products must pass an annual review in order to maintain WHO-prequalified status. This process will take account of feedback from manufacturers, purchasing agencies and end-users. Adverse reports may lead to product modifications, suspension of prequalified status or, in serious cases, loss of prequalified status and withdrawal from the IMD-PQS Catalogue.

How to order products

Procurement of IMD-PQS-prequalified products can be done through various mechanisms such as government public procurement service providers, UN agencies, NGOs and others.

³ WHO Prequalification of Immunization Devices (PQS) website: <https://extranet.who.int/prequal/immunization-devices>

An overview of the procurement process via UN agencies can be found in the [UN 'Procurement Practitioner's Handbook'](#)⁴ (PPH), a reference document that provides guidance in best procurement practices, processes and procedures.

Procurement practices will vary and are governed by established regulations and rules of each procurement agency. For procurement via UNICEF Supply Division, detailed procurement instructions can be accessed in the UNICEF Supply Division ['General Procurement Guideline'](#)⁵ on the [UNICEF Cold Chain Support Package website](#)⁶.

When you order a product, whether from a UN procurement agency or direct from the manufacturer, you will be requested to provide the:

- full IMD-PQS product code
- manufacturer's product code as shown on the product data sheet, and the
- product options required (if any), including spare parts.

Guide prices: Where prices are given, they are shown in US dollars and are generally given as indicative Ex-Works (EXW) prices. Where possible these guide-prices will be updated annually. However, before purchasing, you will need to obtain a firm quotation, either from a UN procurement agency or by direct negotiation with the manufacturer.

Shipping: Shipping costs vary considerably according to destination and are not included within the guide prices. Purchasers should always confirm freight charges with the supplier before placing an order. Estimated freight charges should be included in budgets and shipping lead times should be included in project plans. Manufacturers and suppliers offer delivery arrangements based on international standard definitions known as Incoterms. The [UNICEF pricing data](#)⁷ website provides up-to-date information on Incoterms.

Where to order products

Orders can be placed directly with the manufacturer at the address provided on each product data sheet.

Most items can also be purchased through the [WHO Contracting and Procurement Service](#)⁸, the [PAHO Revolving Fund](#)⁹ or from UNICEF Supply Division in Copenhagen, Denmark via the [UNICEF Supply Division Catalogue](#)¹⁰.

Vehicles, motorbikes and power products can be purchased through the Inter-agency Procurement Services Office ([UNDP/IAPSO](#))¹¹. UNICEF Supply Division also supplies vehicles.

⁴ UN Procurement Practitioners Handbook : <https://www.ungm.org/Shared/KnowledgeCenter/Pages/PPH2>

⁵ UNICEF Supply Division General Procurement Guideline: <https://www.unicef.org/supply/documents/general-procurement-guidelines-cold-chain-equipment>

⁶ UNICEF Cold Chain Support Package: https://www.unicef.org/supply/index_68367.html

⁷ UNICEF Pricing Data : <https://www.unicef.org/supply/pricing-data>

⁸ WHO Contracting and Procurement Service http://www.who.int/3by5/who_procurement/en/index.html

⁹ WHO PAHO Revolving Fund: https://www.paho.org/hq/index.php?option=com_topics&view=article&id=396&Itemid=42192&lang=en

¹⁰ UNICEF Supply Division Catalogue : <https://supply.unicef.org/>

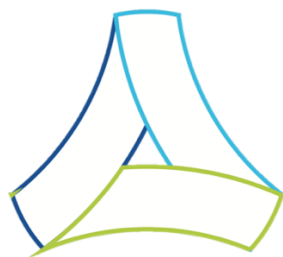
¹¹ Inter-agency Procurement Services Office (UNDP/IAPSO): <http://www.unwebbuy.org/>

Other equipment suppliers include: [International Dispensary Association](http://www.idafoundation.org/) (IDA)¹² in the Netherlands and [Médecins Sans Frontières Logistique](http://www.msfllogistique.org/) (MSFL)¹³ in France.

Authorization is needed to gain full access to most of these websites.

¹² International Dispensary Association : <http://www.idafoundation.org/>

¹³ Médecins sans Frontières Logistique <http://www.msfllogistique.org/>



General introduction

This section provides general information on:

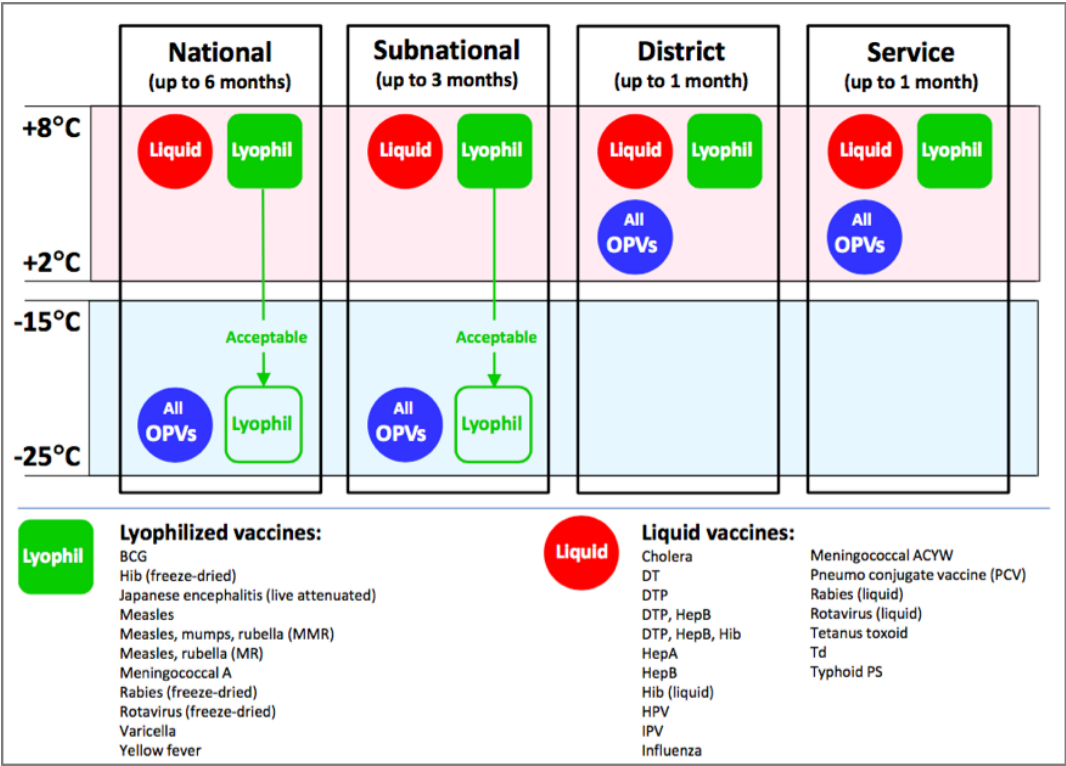
- vaccine storage temperatures
- vaccine distribution guidelines
- transporting vaccines without vaccine vial monitors (VVMs)
- appropriate refrigerants and foaming agents.

Vaccine storage temperatures

The following table summarizes the current WHO guidance on vaccine storage temperatures. Use these recommendations when calculating refrigeration needs for the procurement of IMD-PQS prequalified refrigerators.

WHO vaccine storage recommendations

Refer to: [Immunization in Practice: a practical guide for health staff - 2015 update. Module 2: The vaccine cold chain.](#)



Note:

Diluents should never be frozen.

If diluents are packaged with the vaccine, the product should be stored at +2 °C to +8 °C.

Bundled lyophilized-liquid combination vaccines should never be frozen and should be stored at +2 °C to +8 °C.

Vaccine distribution guidelines

For comprehensive information see: WHO/IVB/15.03: [How to use passive containers and coolant-packs for vaccine transport and outreach operations](#) (July 2015)

Use WHO IMD-PQS prequalified freeze-preventive vaccine carriers or cold boxes, which are designed to protect vaccines from freezing temperatures. With freeze-preventive vaccine carriers, frozen icepacks can be taken directly from the freezer and placed in the vaccine carrier, without conditioning. This eliminates subjectivity in judging when an icepack is properly conditioned and saves time previously required to condition icepacks. Freeze-preventive vaccine carriers are certified to work between +15°C to +43°C ambient temperatures and meet all the requirements of traditional vaccine carriers, including holdover. For more information, see [Freeze-preventive passive containers – technical resources](#). (Refer to Freeze-preventive passive containers – technical resources on TechNet-21.org (<https://www.technet-21.org/en/topics/freeze-prevention>)). The following coolant-packs can be used in passive containers if freeze-preventive vaccine carriers or cold boxes are unavailable.

Frozen water-packs

Frozen water packs can be used to transport all lyophilized vaccines, or any liquid vaccine that is NOT freeze sensitive, such as OPV. Frozen icepacks must NEVER be used to transport a freeze-sensitive vaccine or a lyophilized vaccine that is packaged (bundled) with its diluent.

Use passive containers with a published cold life at least as long as that required for the longest planned transport leg, measured from the time of packing the container in the supplying store to the time of unpacking in the receiving store. It is important to provide a good safety margin to cover unexpected events such as transport delays.

Conditioned icepacks

Conditioned icepacks can be used to transport any vaccine, including lyophilized vaccines with bundled diluent. However, the icepacks MUST be conditioned correctly. For more details refer to EVM-SOP-E7-04.1: Conditioning frozen icepacks, and EVM-SOP-E7-02.1: Packing vaccines and diluents for transport using cold boxes.

Use passive containers with a published cold life which is at least as long as the longest planned transport leg, measured from the time of packing the container in the supplying store to the time of unpacking in the receiving store. Some cold life is always lost during the conditioning process so it is important to allow a good safety margin when estimating the required cold life, to cover eventualities such as transport delays and variations in the extent to which conditioned icepacks have melted at the time of packing.

Cool water-packs

If the vaccine has a vaccine vial monitor (VVM), cool water-packs can be used for transport between the primary store and the health facility for any vaccine EXCEPT those with a VVM 2 or VVM 7. This includes the oral poliovirus vaccine (OPV), some brands of inactivated poliovirus vaccine (IPV) and varicella vaccine. When transporting vaccines for outreach purposes, cool water-packs can be used for ALL vaccines that carry a VVM.

For short journeys in sub-zero temperatures, cool water-packs will protect both liquid freeze-sensitive vaccines and vaccine diluents against the risk of freezing. They can safely be used for this purpose even when the vaccine does not have a VVM.

Use passive containers with a published cool life at least as long as the longest planned transport leg, measured from the time of packing the container in the supplying store to the time of unpacking in the receiving store. It is important to allow a good safety margin to cover unexpected events such as transport delays and variations in cool water-pack temperature.

Warm water-packs

For long journeys in sub-zero temperatures, warm water-packs are needed to prevent most liquid freeze-sensitive vaccines and vaccine diluents from freezing, provided the vaccines have VVMs. However, warm water-packs should NEVER be used to transport OPV, IPV with VVM 7, varicella or any other highly heat-sensitive vaccine. They should also NEVER be used for any vaccine without a VVM because there is no way to monitor the effect of exposure to temperatures above the labelled storage range of +2°C to +8°C.

Passive containers should have a rated warm life at least as long as that required for the longest planned transport leg, measured from the time of packing the container in the supplying store to the time of unpacking in the receiving store. Once again, it is important to ensure a good safety margin to cover eventualities such as transport delays and variations in warm water-pack temperature at the time of packing.

Transporting vaccines without VVMs

For vaccines that are NOT supplied with VVMs, the following principles for choosing coolant-packs apply:

- In warm and hot climates, cool water-packs should NOT be used for routine vaccine transport because cumulative heat exposure to temperatures above +8°C cannot be monitored adequately.
- In cold climates, use cool water-packs to protect freeze-sensitive vaccines or lyophilized vaccines bundled with diluent from exposure to sub-zero conditions. Warm water-packs should NEVER be used for this purpose because of the risk of prolonged exposure to temperatures above +8°C.
- RotaTeq® should only be transported using conditioned icepacks; its freeze-sensitivity status is not fully established and a suitable VVM is currently not available for this vaccine. In addition, its maximum allowable exposure time at temperatures above

+8°C is only 48 hours at +9°C to +25°C. It is highly likely that temperatures above +8°C will occur when cool water-packs are used in hot climates. Since there are usually two or three transport legs between the national store and the health facility, it is possible that this 48-hour exposure period could be exceeded, unless all the journey times are very short.

Outreach recommendations are the same as for vaccines with VVMs (see previous section “Vaccine distribution guidelines”) because of the relatively short transport times involved.

Refrigerants and foaming agents

Refrigerants

Refrigerants made with chlorofluorocarbon (CFC) or hydrochlorofluorocarbon (HCFC) are potent ozone depleting substances with extremely high global warming potential (GWP) ratings. Due to their ozone depleting impact they were scheduled to be phased out under the regulatory regime of the Montreal Protocol. CFCs were phased out in 1996 in industrialized countries and 2010 in low and middle-income countries (LMICs). HCFCs are to be 100% phased-out in industrialized countries by 2020, and in LMICs by 2030.

Hydrofluorocarbon (HFC) has been used as a substitute for CFCs and HCFCs. HFCs do not impact the ozone layer but have far greater GWP than the basic standard carbon dioxide (CO₂) with GWP of 1.

Natural refrigerants, such as hydrocarbons, CO₂ and ammonia are increasingly used in domestic and commercial refrigeration. They are low GWP substances with a GWP of less than 3 for hydrocarbons, 1 for CO₂ and 0 for ammonia.

R12, a CFC, was commonly replaced with HFC (e.g. R134a). An increasing number of manufacturers are now using the hydrocarbon R600a (isobutene). Cold room and freezer room manufacturers may use a variety of other refrigerants. Until 2010, developing country manufacturers were still allowed to use CFC refrigerants, but many of them had already made the change to more environmentally-benign gases.

IMD-PQS performance specifications permit the use of hydrocarbon (e.g. R600a) and are phasing out HFC refrigerants in refrigerators and freezers. Existing appliances with HFC refrigerants including R134a will be phased out in 2020. Hydrocarbons are still not permitted for cold rooms and freezer rooms.

The table below gives the Ozone Depletion Potential (ODP) and Global Warming Potential (GWP) figures for the gases described above and in the next section. Equipment which uses cyclopentane foamed insulation and the refrigerant R600 is currently the best environmental choice. However, it is flammable and must be handled with care.

ODP and GWP figures for some key gases

Refer to: [Environmental management of refrigeration equipment: Technical supplement to WHO Technical Report Series](#), No. 961, 2011: May 2015 Annex 9: Model guidance for the

storage and transport of time- and temperature-sensitive pharmaceutical products, Table 1, page 14.

Gas	Use	Ozone Depletion Potential (ODP)	Global Warming potential (GWP) ^a
R11	Refrigerant & foaming agent	1.0	4,750
R12	Refrigerant & foaming agent	1.0	10,900
R134a	Refrigerant	0.0	1,430
R600a	Refrigerant	0.0	3
Cyclopentane	Foaming agent	0.0	11
R404a	Refrigerant	0.0	3922
R452	Refrigerant	0.0	2141
R141b	Foaming agent (HCFC)	0.12	725

a. The basis for GWP is CO₂ = 1.0

As per the Montreal Protocol and Kigali Amendment, refrigerants which have GWP potential values of >2500 will be phased out. One of the widely used refrigerants in cooling units for cold rooms is R404A, a HFC blend with a GWP value of 3922. Phasing out of this gas will start in 2020 in EU and other countries will follow as per their national phase-out plans. To comply with this transition plan, this gas will be replaced with alternative gases with lower GWP values (<2500 GWP) such as R134A or R452A for cold and freezer room cooling units.

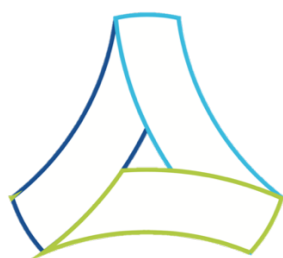
Foaming agents

R11 is no longer used as a foaming agent by any of the industrialized country manufacturers listed in the IMD-PQS catalogue. It is now replaced by cyclopentane in European countries and by R141b in the USA (the use of R141b was banned in Europe as of 1st January 2004 and it will eventually be phased out in 2020 in LMICs and worldwide in 2030). R141b has a much higher Global Warming Potential (GWP) than Cyclopentane, which is therefore less damaging to the environment when it is released into the atmosphere. Other gases are under investigation as replacements for R141b, including HPC-245fa, HFC-365mfc, HFC-234a, isopentane and n-pentane and various blends.

Managing existing equipment containing CFCs

CFCs have now been phased out worldwide. For this reason, programme managers should ensure that remaining CFC equipment is responsibly managed, specifically by:

1. Checking that tools for the repair of CFC equipment is locally available and that cold chain technicians are trained.
2. Keeping an inventory of CFC equipment and where it is installed.
3. Ensuring that CFC equipment is decommissioned in a responsible manner at the end of its service life and that the refrigerant is recovered and destroyed.



E001

Cold Rooms, Freezer Rooms and Related Equipment

All the equipment included in the E001 category is manufactured to meet the specific needs of national immunization programmes. End-users must specify their requirements for the procurement phase. They must also select or build the space where the equipment will be housed and must provide the necessary electrical power supply, wiring and other services to which the equipment will be connected by the installer. Once received on-site, the equipment must be assembled and commissioned by a competent installer.

Details regarding the products included in each sub-category of E001 as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E001.1: Cold rooms and freezer rooms

A building that houses a cold room or freezer room needs to be site-ready and accessible to delivery vehicles. Details around adequate ventilation, electricity supply, among other key considerations, can be found in the pre-procurement checklist provided in the [UNICEF Cold Chain Support Package](#).

The principle steps involved in buying and commissioning a cold room are:

1. **Establish net vaccine capacity:** It is essential to calculate accurately the net vaccine capacity of the cold room(s) and freezer room(s), taking account of future vaccine introductions. WHO tools are available to help establish the required capacity of the store. Orders should not be made on the basis of gross capacity — for example a 40 m³ room — without verifying usable net capacity with the supplier.
2. **Decide location:** Select the spaces(s) in which the equipment is to be installed. Building selection and preparation guidance is provided in the [WHO Guideline for establishing or improving primary and intermediate vaccine stores](#).
3. **Shortlist suppliers:** UNICEF Supply Division has long-term purchase agreements with prequalified cold room companies. If the cold room is not being purchased through UNICEF, a tender long list should be prepared. This should preferably include the companies of prequalified products listed in the [UNICEF Supply Catalogue](#).
4. **Prepare and invite tenders:** Prepare tender documentation using the IMD-[PQS performance specification E001/CR/FR-01.4](#) and [verification protocol E001/CR/FR01-VP1.4](#). If required, tenders should be invited for a standby generator and voltage stabilizer at the same time. Specific guidance on specifying and buying generators is

provided in section E001.2. Guidance on heavy duty voltage stabilizers is provided in E001.3.

5. **Prepare the site:** The space for the cold room should be prepared in accordance with the supplier's requirements and the [WHO Guideline for establishing or improving primary and intermediate vaccine stores](#).
6. **Supervise:** Care should be taken to supervise the installation and oversee commissioning and user training.
7. **Monitor:** Check the performance of the equipment in use and the effectiveness of the maintenance agreement should be monitored.
8. **Maintain:** Ensure that the temperature monitoring equipment is recalibrated annually. For additional guidance on maintenance refer to:
 - WHO-UNICEFs [Effective Vaccine Store Management Initiative](#).
 - WHO [Users' handbook for vaccine cold rooms and freezer rooms](#)
 - WHO [Self-assessment tool for looking after a cold room or freezer room](#)

Prepare tender documentation using IMD-[PQS performance specification E001/CR/FR-01.4](#) and [verification protocol E001/CR/FR01-VP1.4](#). If required, tenders should be invited for a standby generator and voltage stabilizer at the same time. Specific guidance on specifying and buying generators is provided in the drop-down section below (E001.2), as is guidance on heavy-duty voltage stabilizers (E001.3).

E001.1: Stand-by generators

While [WHO and UNICEF recommend](#) that all primary vaccine stores should be fitted with a standby generator with automatic start up, regardless of the reliability of the mains power supply (refer to WHO also recommends that product users also consider installing standby generators in the following situations:

- at large intermediate vaccine stores, equipped with cold rooms
- at other sub-national stores where the mains power supply is sufficiently unreliable to compromise the performance of ice-lined refrigerators, even when they are fitted with voltage stabilizers..

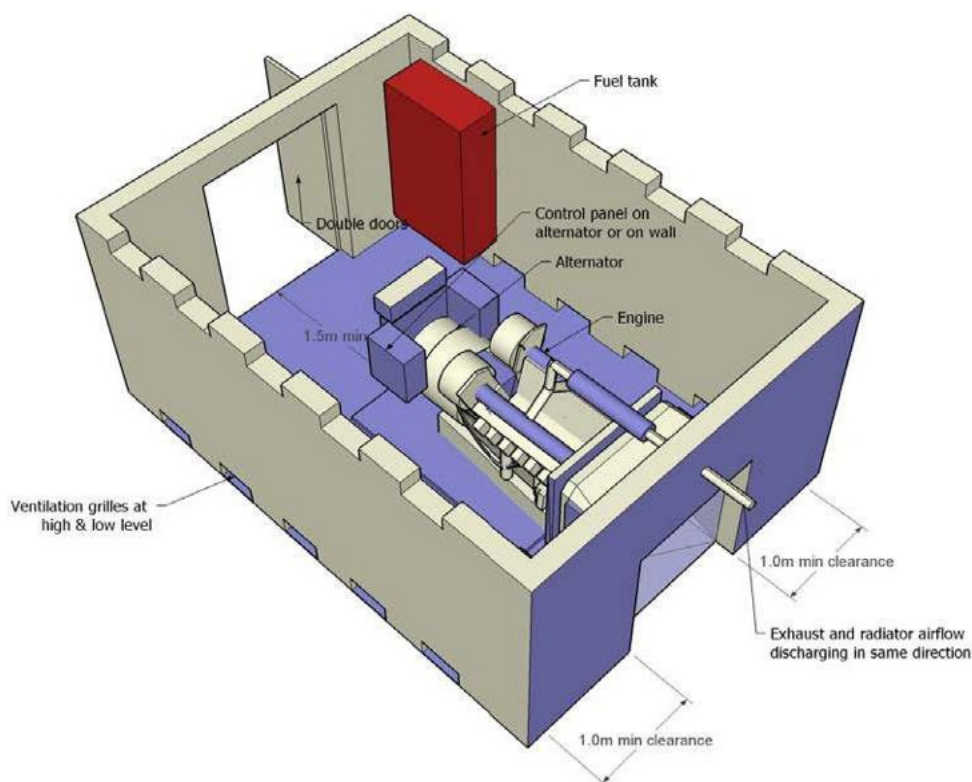
In all other situations, if power cuts are a chronic problem, review alternative solutions such as ice-lined appliances fitted with voltage stabilizers and photovoltaic equipment. The decision to purchase a standby generator should not be taken lightly as it involves a relatively high upfront investment as well as significant maintenance and training costs.

The guidance notes in this section are for background information only. They are intended to be used to brief a professional engineer and/or to communicate with system suppliers and installers. Wherever possible, the generator should be supplied by the cold room/freezer room manufacturer as part of a comprehensive package (see E001.1). In all other cases, seek the advice of a qualified electrical engineer. In situations where an engineer is not available, refer to a reliable technical source such as [Engineering in Emergencies — A Practical Guide for Relief Workers](#) (ISBN-13: 978-1853395215 and ISBN-10: 1853395218).

E001.2.1: Specifying the generator

The generator house: The size of a standby generator is determined by the rated load of the equipment to which it is connected. The figure below shows the layout of a typical generator house.

A typical generator house



The generator house should have a concrete floor slab. Install ventilation openings near the bottom of the walls to provide cooling air, with additional openings in the wall nearest the air filter to supply cool air for combustion. In addition, provide ventilation openings along the top of the walls to release accumulated hot air. All ventilation openings should be fitted with mesh grilles to keep out pests. Arrange the exhaust pipe above the cooling air outlet to discharge in the same direction. Keep the exhaust system as short as possible and with the minimum number of bends.

Fuel tanks should ideally be 'bunded'. A bunded tank consists of a tank mounted inside an outer housing large enough to accommodate the total contents of the tank, should it develop a leak. This ensures that fuel spills are contained and cannot get into the drainage system or the ground water.

E001.2.2: Inviting tenders for a generator

Prepare a tender short list. Every company on the short list must have a satisfactory arrangement with a competent installation contractor in the country where the equipment is to be installed and should be able to provide a long-term maintenance service or training for local technicians.

Tender invitations must include the following information:

1. **Client:** Name of the client.

2. **Location:** Site location.

3. **Delivery/installation date:** Specify the required date for delivery/installation should be specified.

4. **Payment arrangements:** Specify currency, payment stages and other relevant information should be specified.

5. **Information to be supplied by tenderers:**

- price (Incoterms)
- full technical details of the proposed equipment including fuel consumption on full load: fuel consumption will be a significant factor in choosing a generator set if anticipated run-times are long and less significant if the generator will be used infrequently
- details of the manufacturer's in-country installation and service network
- manufacturer's infrastructure requirements (e.g. cable connections)
- manufacturer's detailed recommendations for the generator house layout, construction and ventilation.

6. **The supply required:** Either: single-phase, 2-wire (phase and neutral), and system voltage, for example 110V, 220V or 240V. Or: three-phase, 4-wire (three-phase and neutral) and system voltage, e.g. 380/220V or 415/240V.

7. **Supply frequency:** 50 Hz or 60 Hz.

8. **Connected equipment:** A schedule listing every item of connected equipment, including cold rooms, freezer rooms, refrigerators and freezers. In addition, list all other equipment for which standby power is required, such as computers, printers and electric lighting. For each item on the list, give the power requirement in kW. In the case of motors (e.g. cold room compressors) give the method of starting, e.g. direct-on-line (DOL). If you cannot find this information, give full details of each item of equipment, including manufacturer and model number, and request the tenderer to obtain the missing data.

9. **Site conditions:** Ambient temperature, humidity and altitude affect generator performance. Give the annual maximum and minimum temperature at the site in degrees centigrade, the maximum and minimum relative humidity in percent and the altitude of the site above sea level in meters.

10. **Mounting method:** Skid mounted. (Mobile units are available, but are not appropriate for a fixed installation.)

11. **Weather protection:** State whether the generator should be supplied as an open or weather-protected set. Open sets will be housed in a generator house. Weather-protected sets may be mounted outdoors.

12. **Soundproofing:** Sound-proofed housings are usually expensive. A locally-made masonry enclosure is often cheaper and, in the case of units installed outside, they also provide protection against the weather (see above figure).

13. **Fuel:** Diesel is universal for all but the smallest portable generators. Natural gas might be required in areas with stringent air pollution regulations.

14. **Engine start:** If automatic mains-failure start and/or shut down are needed, this must be clearly stated. Otherwise specify hand and/or electric start, complete with battery (even with electric start, it is useful to have a hand-start facility when the battery is flat or missing).

15. **Engine monitoring facilities:** Over-heating, low oil pressure, battery charging ammeter or indicator. Automatic engine shut-down in the event of over-heating, low oil pressure or broken fan belt. Engine monitoring meters and indicators may be mounted on the control panel.

16. **Control panel:** Integrated (set-mounted) or free-standing control panel. Integrated control panels must be mounted on anti-vibration mountings. Instrumentation should include:

- one ammeter per phase
- one voltmeter and selector switch (to monitor each phase-phase and phase-neutral voltage)
- a frequency meter
- an hours-run meter.

17. **Fuel tank capacity:** Sufficient to allow a minimum of 72 hours continuous running and should be bundled.

18. **Exhaust pipework:** Run length and bends needed to ensure discharge in a safe location.

19. **Spare parts:** Either: the supplier must have an effective service network in-country. Or: an adequate supply of spare parts and consumables, sufficient for a minimum of two years of normal operation, as recommended by the set manufacturer, should be ordered.

20. **Installation:** It should be specified whether the equipment is to be installed and commissioned by the manufacturer's in-country agent (strongly recommended), or by another party.

21. **Training:** The manufacturer, or installer, must train vaccine store staff and maintenance technicians in the use of the equipment and must provide comprehensive operating and service manuals in the appropriate language.

22. Maintenance agreement: Wherever possible, the equipment should be maintained by the set manufacturer's in-country service agent. The tender documents should clearly specify the length of the maintenance agreement, the minimum requirements for routine maintenance and the maximum acceptable response time in the event of an emergency; e.g. equipment failure during a power outage.

E001.2.3: Choosing a supplier

The lowest bidder is not always the cheapest when lifetime operating costs are considered. Significant factors which reduce operating costs include:

- **Local availability of technical expertise and spare parts:** Tenderers without a local service network should generally be excluded from consideration.
- **Fuel consumption:** A model with low fuel consumption may be cheaper to operate over its whole working life than a model with higher fuel consumption but a lower purchase price.
- **Revolutions per minute (RPM):** Slow running generators with ratings below 1800 RPM have longer working lives. Models running at 3000 to 3600 RPM generally require more maintenance, have greater fuel consumption and a higher rate of mechanical wear. A cheap high RPM model may be a poorer choice than a more expensive low RPM model.

E001.2.4: Suppliers of standby generators

A list of standby generator suppliers can be found in the [UNICEF Supply Catalogue](#). **This list does not constitute an endorsement or imply any recommendation by WHO of any of the products contained therein.**

E001.3: Voltage stabilizers for larger vaccine stores

Fluctuations in the electricity supply can cause the premature failure of motors, compressors and other electrical and electronic components. Fortunately, fluctuations can be controlled effectively and damage can be avoided by installing a voltage stabilizer on the power line which supplies the equipment. In addition, a surge protection device is recommended to prevent damage in the event of lightning induced spikes on the supply line. Lightning protection should also be included in areas where lightning is common.

Wherever voltage fluctuations exceed $\pm 7\%$ of the rated voltage at the supply point, WHO recommends that refrigeration equipment should be connected to the mains supply via a voltage stabilizer. This applies to cold rooms, freezer rooms, vaccine refrigerators and vaccine and ice-pack freezers at any level in the cold chain.

Associated electronic temperature monitoring equipment and computers should also be connected to a voltage-regulated circuit; this type of equipment is particularly sensitive to voltage fluctuations and to lightning-induced power surges.

There are various types of surge protectors. Some can survive only a limited number of surge events and with this type of equipment it is essential to stock an adequate stock of replacement components and to know how to replace them in the event of a failure.

It is generally good practice to ensure that refrigeration equipment and temperature monitoring/computers are supplied by separate dedicated supplies with separate voltage stabilizers. This ensures that the load variation of the refrigeration equipment does not adversely affect the electronic equipment, and enables the most appropriate type of voltage stabilizer to be chosen for each of the two load types.

Finally, the cost and design life of available equipment vary widely, with a design life of up to 20 years possible for highly critical applications. Large vaccine stores can hold hundreds of thousands of dollars' worth of vaccine; the cost of losing this inventory must be considered when choosing a voltage stabilizer and/or surge protector. It may be economically justifiable to install a more expensive system if it is more reliable and longer lasting.

E001.3.1: Types of stabilizer

The chosen voltage stabilizer must be able to cope with the full range of voltage fluctuations found at the vaccine store site.

Servo-mechanical voltage stabilizers: These provide a reliable and economical method of stabilizing mains voltage range variations of up to 50%. They use a proven technology that combines electro-mechanical components with electronic sensing and control to give a continuous, smooth and very stable output voltage. Servo-mechanical voltage stabilizers have some moving parts which, depending on the application, will require a small amount of low-level maintenance after a long period of time. This technology is the most suitable one for primary vaccine stores and for larger sub-national stores. A disadvantage of the technology is its slow response time to voltage changes, but this is not considered to be a major drawback for cold store equipment. Another disadvantage is that it may be less reliable than tap-changing, particularly if the equipment is not properly maintained.

Electronic voltage stabilizers: A solid-state continuous-acting electronic voltage stabilizer provides a better alternative for applications requiring extremely fast correction speed, or applications located in hostile climatic conditions. A problem with cheaper models of this type of equipment is that they often incorporate a cooling fan. These may clog up in dusty conditions. Alternatives which rely entirely on convection cooling are available, but they are typically more expensive than servo-mechanical devices.

Tap-changing voltage stabilizers and conditioners: A number of different tap-changing regulators are available; some are more reliable than others. A common type, used by many manufacturers, incorporates electronic tap-changing techniques. This type is prone to failure due to switching stresses. The more reliable devices use relays. For less sensitive equipment, where the output voltage only needs to be maintained within broad limits, a tap-changing solution is acceptable. All tap-changing regulators produce voltage jumps at the moment of tap-changing. Fortunately, refrigeration and air-conditioning units can accept these jumps. Tap-changing regulators may be unsuitable for loads such as sensitive monitoring equipment because they can cause graphic distortion or data loss. If ignored, this will eventually shorten

the life of the connected equipment or cause expensive damage. Tap-changing regulators are an appropriate choice for stabilizing the supply to individual refrigerators or freezers in small sub-national stores and at service point level. As an example, one widely used unit can control output voltages between -8% to +9% when the input voltage varies between -34% to +26%. These units should always include a time delay cut out to protect against high/low voltage damage to refrigeration compressors. High capacity tap-changing units are available for cold rooms but are typically more expensive than equivalent servo-mechanical units.

E001.3.2: When to install a voltage stabilizer

Voltage stabilizers are strongly recommended whenever new vaccine refrigeration equipment is being installed, particularly if electricity supply to the site is problematic. If existing vaccine cold room motors, compressors, relays and other related electric equipment suffer frequent failure, this is a good indication that the stability of the mains supply is poor.

If the area surrounding the vaccine store is under development, there is a risk that the development of the electricity supply will not match growing demand. This can lead to an unstable, unreliable or fluctuating electricity supply. In such situations it is prudent to install voltage regulation equipment as a precautionary measure.

E001.3.3: Inviting tenders for a voltage stabilizer

Prepare a tender short list and provide bidders with the following information:

1. **Rated mains supply:** Either: Single phase, two-wire (phase and neutral) and system voltage, for example 110V, 220V or 240V. Or: Three-phase, four-wire (three-phase and neutral) and system voltage, for example: 380/220V or 415/240V.
2. **Supply frequency:** 50 Hz or 60 Hz.
3. **Measured voltage and frequency fluctuations:** A qualified electrical engineer should be asked to obtain these measurements, which should be taken at frequent intervals over a period of at least one week. Allow for all potential loads and allow also for seasonal load variations.
4. **Electrical storm activity:** Indicate the frequency and intensity of electrical storms.
5. **Connected equipment:** Provide a schedule listing every item of connected equipment, including cold rooms, freezer rooms, refrigerators and freezers. In addition, list all other equipment for which voltage regulation and surge protection is required, such as computers, printers and electric lighting. For each item on the list, give the power requirement in kW. In the case of motors (e.g. cold room compressors), give the method of starting, e.g. direct-on-line (DOL). If you cannot find this information, give full details of each item of equipment, including manufacturer and model number and request the tenderer to obtain the missing data.
6. **Site conditions:** Peak ambient temperature and humidity may affect equipment performance. Give the annual maximum temperature at the site in degrees centigrade together with the maximum relative humidity in percent.
7. **Generator:** If there is a standby generator, full details of the unit, including make, model, kVA rating, start method (manual or automatic mains failure) and stop method (manual or mains-resumption), should be provided.

E001.3.4: Suppliers of voltage stabilizers

A list of prequalified voltage stabilizers can be found in Section E007 of the Catalogue. A list of voltage stabilizer suppliers can also be found in the [UNICEF Supply Catalogue](#). These lists do not constitute an endorsement or imply any recommendation by the World Health Organization of any of the products contained therein.

E001.4: Solar power systems for cold and freezer rooms

Solar power systems can be considered for walk-in cold rooms and freezer rooms (CR-FR) where no electrical power is supplied, in situations where sustaining a reliable electrical supply is not possible, where power costs are not affordable, or where fuel and technical support is difficult and costly to obtain.

Energy requirements for CR-FR are significantly higher than solar-powered vaccine refrigerators/freezers; while solar refrigerators operate on low voltage direct current (45 Vdc or lower) a CR-FR will require more dangerous — even lethal — voltages including high-voltage (Vdc) solar generation as well as high-voltage alternating current (usually greater than 120 Vac) supplied as either single or three phase supply. A solar-powered CR-FR will require both an inverter (i.e. converts Vdc to Vac) and a backup generator (Vac), which are components not included in PQS solar refrigerator/freezer kits.

Both the solar electricity system and the back-up generator must be capable of powering 100% of the CR-FR electrical requirements, including battery chargers powered by the back-up generator. For more details see equipment performance specification [E001/PVAC: Solar power system for cold and freezer rooms](#).

The configuration of a PQS compliant solar power system for CR-FR is more complicated compared to a PQS solar refrigerator/freezer kit. It is significantly larger in size and requires a higher initial investment. Furthermore, members of the immunization community have less experience with these larger hybrid solar-backup generator systems compared to solar powered vaccine refrigeration. A limited collective experience with larger solar power systems coupled with a 100% back-up power generation requirement necessitates the careful consideration of the energy efficiency of the selected CR-FR, meticulous design, safe installation and long-term commitment to sustainability.

Key requirements for the use of solar powered CR-FR include:

- energy-efficient, site-specific design, to ensure adequate performance,
- a qualified, professional electrician to ensure safe installation,
- solar and generator servicing availability to sustain operation, and
- planning and budgeting for repairs and eventual battery replacement.

Investing in an energy efficient CR-FR can reduce both the initial cost and long-term operating costs of the hybrid solar power system, in particular, by eliminating costly regular battery replacements. Like the site-specific design of the CR-FR, a site-specific power system

design is needed to consider local ambient temperatures, solar radiation and battery autonomy, as well as the site's peak electrical requirements. IMD-PQS requires CR-FR designers to comply with international norms and standards for sizing power system equipment (e.g. [Institute of Electrical and Electronics Engineers IEEE 1562: Guide for array and battery sizing in stand-alone photovoltaic \(PV\) systems](#)).

Solar power and back-up generators, like any other electrical supply and distribution systems, will require the timely availability of qualified service providers to sustain, maintain and repair the system. It is essential to establish an ongoing service programme with qualified service providers to sustain system operation, and minimize the risks associated with the potentially lethal voltages and components of solar powered CR-FR that may not be known to local service workers.

Planning and budgeting for ongoing services, unexpected repairs and eventual component replacements will ensure that the CR-FR has power when needed. Like early solar-plus-battery vaccine refrigerator/freezers, the much larger and more costly CR-FR battery will eventually fail and need to be replaced. Only those who prepare and budget for battery replacement and other sustainability needs will be able to ensure that power continues to be available as needed.

E001.5 Future developments: Battery-free SDD CR-FR

Solar cold and freezer room (CR-FR) designers indicated potential user preference for a battery-free solar direct drive (SDD) room, rather than for CR-FRs with battery-dependent solar power systems. WHO IMD-PQS had drafted specifications and verification protocols, enabling the future prequalification of SDD CR-FR's. SDD CR-FRs are currently being evaluated.

Solar-powered CR-FRs can now reach off-grid areas. If they may be cooled with battery-free SDD systems, this will avoid the cost and vulnerabilities associated with battery storage. Even in the case of mains-electricity grid availability, SDD may be a more reliable power supply. Given the lower-costs of solar module arrays, and the removal of battery-related costs, the SDD CR-FR is likely to have a lower total cost of ownership compared to diesel generators, and even compared to some mains grid power supply, whilst simultaneously imparting a lower environmental impact versus fossil fuel-generated electricity.

In addition to these SDD CR-FRs, E001 is also charting new territory with the:

- requirement for thermal energy storage to prolong autonomy time,
- optional allowance of energy harvest to power electrical needs (i.e. those needs that are not essential to cooling),
- allowance of standalone, exterior rooms,
- allowance of small volume rooms (5m³ up to 40m³),
- requirement for the CR-FR to pass laboratory testing, and
- the requirement for the room and solar power to undergo a field evaluation.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E001/CR-FR01.4: Cold rooms and freezer rooms](#)

[PQS performance specification E001/PVAC01.0: Solar power system for cold and freezer rooms](#)

Verification protocols

[PQS type-examination protocol E001/SDD CR-FR VP.1: Solar direct drive cold rooms and freezer rooms](#)

[PQS quality assurance protocol E001/SDD CR-FR VP.2: Solar direct drive cold and freezer rooms](#)

[PQS type-examination protocol E001/LWICR01.1-VP2.2: Large Walk-in Cold Rooms](#)

[PQS quality assurance protocol E001/LWICR01.1-VP1.2: Large Walk-in Cold Rooms - guidance section](#)

[PQS quality assurance protocol E001/CR-FR01-VP2.4: Cold rooms, freezer rooms](#)

[PQS type-examination protocol E001/CR-FR01-VP1.4: Cold rooms, freezer rooms](#)

[PQS quality assurance protocol E001/PVAC-VP2: Solar power system for cold and freezer rooms](#)

[PQS type-examination protocol E001/PVAC-VP1: Solar power system for cold and freezer rooms](#)

Guidance for manufacturers/suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[Cold room temperature mapping studies](#)

[Guideline for establishing or improving primary and intermediate vaccine stores](#)

[How to calculate vaccine volumes and cold chain capacity requirements](#)

[How to develop and repair a maintenance system for cold chain equipment](#)

[How to look after a cold room or freezer room: self-assessment tool](#)

[Self-assessment tool for looking after a cold room or freezer room](#)

[User's handbook for vaccine cold rooms and freezer rooms](#)

[WHO-UNICEF Effective Vaccine Store Management Initiative: Modules 1–4](#)



E001: Cold rooms, freezer rooms, and related equipment



PQS code: E001-001
Description: Cold rooms and Freezer rooms
Manufactured in: Finland
Company: Porkka Finland Oy

Contact Information

Address: Ravitie 3, FI-15860 Hollola
Finland
Telephone: +358 10 2019200
Email: petri.hiilloste@porkka.com
Web address: www.porkka.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Cold rooms and Freezer rooms	Country of Manufacture	Finland
--------------------------------	------------------------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Pre-qualified regions	All regions	Auto defrost	Yes
------------------------------	-------------	---------------------	-----

ENCLOSURE CONSTRUCTION OPTIONS

Cold room sizes available (largest, m3)	10.00	Shelving system	Adjustable shelves only
Shelving material	Plastic only	Freezer room sizes available (L, m3)	10.00
Strip curtain available	Yes	Pressure release valve (FR only)	Yes
Door frame heating available	Yes	Floor panel heater mat (FR only)	Yes
Panel insulation material	Polyurethane high density	Wall/Celling Panel Finish	Polyester coated steel
Panel jointing system	Cam-lock jointing	Floor panel finish	Glassfiber re-enforced anti-slip plywood
Panel thickness options	100mm (standard); 150mm (option)	Type of Foaming Agent	N-Pentane

PRODUCT SPECIFICATIONS - EQUIPMENT OPTIONS

Refrigerant	R449A / R452A	ISO 9001/13485 certified	Other
Refrigeration unit mounting options	Wall	ISO 9001/13485 certified (Other)	ISO 9001;ISO 13485;IEC 60335-1
Refrigeration unit types	Monoblock;Split type	Electric Safety Compliant To IEC 60335-1	Yes
Duty sharing	Timed changeover;Manual changeover	Voltage,Frequency,Phasing options?	Yes
Cold climate protection CR	Yes	Voltage Regulator Available?	Yes
Evaporator plume guard CR	Yes	Surge Protection Available?	Yes
Cut-out system	Yes		

PRODUCT SPECIFICATIONS - TEMPERATURE MONITORING & ALARM OPTIONS

Temperature recording system	Dial thermometer;Event logger	ISO 14001 certified	Yes
-------------------------------------	-------------------------------	----------------------------	-----

Comments	Can provide cold rooms larger than 40m3 Freezer room sizes: >10 m3
-----------------	---

WARRANTY, INSTALLATION AND MAINTAINENCE

Warranty period (months)	12.00	Maintenance service	Advisory service;Maintenance network
Installation service	Advisory service;Installer network		

QUALITY STANDARD

Specification Reference	Applicable PQS specification: CR-FR01.2 Applicable PQS VP(s): CR-FR01-VP.2
--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E001: Cold rooms, freezer rooms, and related equipment



PQS code:	E001-002
Description:	Cold rooms and freezer rooms
Manufactured in:	France
Company:	SN Zhendre
Contact Information	
Address:	122 Avenue des Pyrénées 33140 Villenave d'Ornon France
Telephone:	+ 33 (0)6 17 77 87 12
Email:	christelle.pessou@eiffage.com
Web address:	www.zhendre.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	refrigerator or freezer walk-in rooms 10 to 40m3	Country of Manufacture	France
--------------------------------	--	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Pre-qualified regions	All regions	Auto defrost	Yes
------------------------------	-------------	---------------------	-----

ENCLOSURE CONSTRUCTION OPTIONS

Cold room sizes available (largest, m3)	10.00	Shelving system	Adjustable shelves only
Shelving material	Plastic & Steel	Freezer room sizes available (L, m3)	10.00
Strip curtain available	Yes	Pressure release valve (FR only)	Yes
Door frame heating available	Yes	Floor panel heater mat (FR only)	No
Panel insulation material	Polyurethane high density	Wall/Celling Panel Finish	Galvanized steel 5/10 Iceberg white powdered-coated
Panel jointing system	cam-lock, 2 polyethylene joints onto the 4 edges of each panel	Floor panel finish	Phenolic resin
Panel thickness options	100 mm - 150 mm	Type of Foaming Agent	Polyurethane high density

PRODUCT SPECIFICATIONS - EQUIPMENT OPTIONS

Refrigerant	R134A - R452A	ISO 9001/13485 certified	Other
Refrigeration unit mounting options	Wall;Wall split	ISO 9001/13485 certified (Other)	ISO 9001;IEC 60335-1
Refrigeration unit types	Monoblock;Split type	Electric Safety Compliant To IEC 60335-1	Yes
Duty sharing	Manual changeover	Voltage,Frequency,Phasing options?	Yes
Cold climate protection CR	Yes	Voltage Regulator Available?	Yes
Evaporator plume guard CR	Yes	Surge Protection Available?	Yes
Cut-out system	Yes		

PRODUCT SPECIFICATIONS - TEMPERATURE MONITORING & ALARM OPTIONS

Temperature recording system	Dial thermometer	ISO 14001 certified	Yes
-------------------------------------	------------------	----------------------------	-----

Comments	Freezer room sizes: >10 m3
-----------------	----------------------------

WARRANTY, INSTALLATION AND MAINTAINENCE

Warranty period (months)	12.00	Maintenance service	Advisory service;Maintenance network
Installation service	Advisory service;Installer network		

QUALITY STANDARD

Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E001: Cold rooms, freezer rooms, and related equipment



PQS code: E001-003
Description: Cold rooms and freezer rooms
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China

Telephone: +86-532-88935593

Email: tianhui.yu@haierbiomedical.com

Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HAIER Cold rooms and Freezer rooms	Country of Manufacture	China
--------------------------------	------------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pre-qualified regions	All regions	Auto defrost	Yes
------------------------------	-------------	---------------------	-----

ENCLOSURE CONSTRUCTION OPTIONS

Cold room sizes available (largest, m3)	10.00	Shelving system	Adjustable shelves only
Shelving material	Steel only	Freezer room sizes available (L, m3)	10.00
Strip curtain available	Yes	Pressure release valve (FR only)	Yes
Door frame heating available	Yes	Floor panel heater mat (FR only)	Yes
Panel insulation material	Polyurethane	Wall/Ceiling Panel Finish	Zinc polyester powdered coated
Panel jointing system	Tongue and groove, cam lock	Floor panel finish	Rubber corrugated
Panel thickness options	100 - 150 mm	Type of Foaming Agent	Polyurethane

PRODUCT SPECIFICATIONS - EQUIPMENT OPTIONS

Refrigerant	R 448a	ISO 9001/13485 certified	Other
Refrigeration unit mounting options	Wall;Ceiling	ISO 9001/13485 certified (Other)	ISO 9001;ISO 13485;IEC 60335-1
Refrigeration unit types	Monoblock	Electric Safety Compliant To IEC 60335-1	Yes
Duty sharing	Manual changeover	Voltage,Frequency,Phasing options?	Yes
Cold climate protection CR	No	Voltage Regulator Available?	No
Evaporator plume guard CR	Yes	Surge Protection Available?	No
Cut-out system	Yes		

PRODUCT SPECIFICATIONS - TEMPERATURE MONITORING & ALARM OPTIONS

Temperature recording system	Event logger	ISO 14001 certified	Yes
-------------------------------------	--------------	----------------------------	-----

Comments Upon request: AVR; Surge protection; split units - Cold climate protection not yet available.
Event logger: Haier Intelligent Recorder
Power options: DC and AC compressor optional
Freezer room sizes: >10 m3

WARRANTY, INSTALLATION AND MAINTAINENCE

Maintenance service	Advisory service	Installation service	Advisory service
---------------------	------------------	----------------------	------------------

QUALITY STANDARD

Specification Reference		Applicable PQS specification: Applicable PQS VP(s):	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E001: Cold rooms, freezer rooms, and related equipment



PQS code:	E001-004
Description:	Cold Rooms & Freezer Rooms
Manufactured in:	United Kingdom
Company:	FOSTER Refrigerator
Contact Information	
Address:	Old Meadow Road, King's Lynn, Norfolk PE 30 4JU United Kingdom United Kingdom of Great Britain and Northern Ireland
Telephone:	+44 1553 780503
Email:	export@foster-gamko.com.invalid
Web address:	www.fosterrefrigerator.co.uk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Cold Rooms & Freezer Rooms	Country of Manufacture	United Kingdom
--------------------------------	----------------------------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Pre-qualified regions	All regions	Auto defrost	Yes
------------------------------	-------------	---------------------	-----

ENCLOSURE CONSTRUCTION OPTIONS

Cold room sizes available (largest, m3)	10.00	Shelving system	Fixed shelves only
Shelving material	Steel only	Freezer room sizes available (L, m3)	10.00
Strip curtain available	Yes	Pressure release valve (FR only)	Yes
Door frame heating available	Yes	Floor panel heater mat (FR only)	Yes
Panel insulation material	High density CFC free polyurethane	Wall/Celling Panel Finish	White foodsafe laminate on galvanised steel substrate
Panel jointing system	Cam locks at regular interval with factory cut corners	Floor panel finish	Rigidised galvanised steel
Panel thickness options	75 to 100 mm	Type of Foaming Agent	High density polyurethane

PRODUCT SPECIFICATIONS - EQUIPMENT OPTIONS

Refrigerant	R452, R290	ISO 9001/13485 certified	Other
Refrigeration unit mounting options	Wall;Ceiling	ISO 9001/13485 certified (Other)	ISO 9001;IEC 60335-1
Refrigeration unit types	Monoblock;Split type	Electric Safety Compliant To IEC 60335-1	Yes
Duty sharing	Timed changeover;Manual changeover	Voltage,Frequency,Phasing options?	Yes
Cold climate protection CR	Yes	Voltage Regulator Available?	Yes
Evaporator plume guard CR	Yes	Surge Protection Available?	Yes
Cut-out system	Yes		

PRODUCT SPECIFICATIONS - TEMPERATURE MONITORING & ALARM OPTIONS

Temperature recording system	Dial thermometer;Event logger	ISO 14001 certified	Yes
-------------------------------------	-------------------------------	----------------------------	-----

Comments	Freezer room sizes: 20 m3, 30 m3, 40 m3 Cold room sizes: 20 m3, 30 m3, 40 m3
-----------------	---

WARRANTY, INSTALLATION AND MAINTAINENCE

Warranty period (months)	12.00	Maintenance service	Advisory service;Maintenance network
Installation service	Advisory service;Installer network		

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E001/RF01.3 Applicable PQS VP(s): E001/RF01-VP1.3		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E001: Cold rooms, freezer rooms, and related equipment



No image available

PQS code: E001-005
Description: Cold rooms and Freezer rooms
Manufactured in: Germany
Company: Viessmann Kuhlssysteme GmbH

Contact Information

Address: Dr.-Vießmann-Straße 1, 95030 Hof/Saale, Germany Germany
Telephone: +49 151 746 568 74
Email: wgnn@viessmann.com.invalid
Web address: www.viessmann-cool.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Viessmann	Country of Manufacture	Germany
-------------------------	-----------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Pre-qualified regions	All regions	Auto defrost	Yes
-----------------------	-------------	--------------	-----

ENCLOSURE CONSTRUCTION OPTIONS

Cold room sizes available (largest, m3)	10.00	Shelving system	Adjustable shelves only
Shelving material	Steel only	Freezer room sizes available (L, m3)	10.00
Strip curtain available	Yes	Pressure release valve (FR only)	Yes
Door frame heating available	Yes	Floor panel heater mat (FR only)	Yes
Panel insulation material	Polyurethane	Wall/Ceiling Panel Finish	Polyester-Epoxid coated steel
Panel jointing system	Cam-lock jointing	Floor panel finish	Stainless steel with anti-slip finish
Panel thickness options	80, 100, 120, 150 mm	Type of Foaming Agent	Penthane

PRODUCT SPECIFICATIONS - EQUIPMENT OPTIONS

Refrigerant	R134a, R407A, R452A	ISO 9001/13485 certified	Other
Refrigeration unit mounting options	Wall;Ceiling	ISO 9001/13485 certified (Other)	ISO 9001;IEC 60335-1
Refrigeration unit types	Monoblock;Split type	Electric Safety Compliant To IEC 60335-1	Yes
Duty sharing	Timed changeover	Voltage,Frequency,Phasing options?	Yes
Cold climate protection CR	Yes	Voltage Regulator Available?	No
Evaporator plume guard CR	Yes	Surge Protection Available?	Yes
Cut-out system	Yes		

PRODUCT SPECIFICATIONS - TEMPERATURE MONITORING & ALARM OPTIONS

Temperature recording system	Dial thermometer	ISO 14001 certified	Yes
------------------------------	------------------	---------------------	-----

Comments	Foaming agent: Penthane Freezer room sizes: >10 m3 Temperature Zones: Hot;Temperate;Cold
----------	--

WARRANTY, INSTALLATION AND MAINTAINENCE

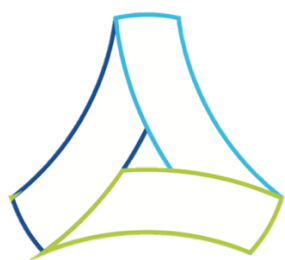
Warranty period (months)	12.00	Maintenance service	Advisory service
Installation service	Advisory service		

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E001/CR-FR01.4 Applicable PQS VP(s): E001/CR-FR01-VP
-------------------------	---

Current PQS status:	Prequalified	Valid until:	2024-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E002

Refrigerated vehicles

The products in this category include refrigerated vehicles of various sizes used for transporting vaccines and other temperature-sensitive biologicals, as well as related variations and options.

A refrigerated vehicle is a road transport vehicle such as a van, truck or semi-trailer whose isolated, thermostatically controlled cargo compartment is maintained at a temperature different (lower or higher) than the external ambient conditions.

Details regarding the products included in each sub-category of E002, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E002.1: REFRIGERATED VEHICLES

Refrigerated vehicles include vans, trucks and semi-trailers that have an insulated, thermostatically controlled cargo compartment and a dedicated refrigeration unit capable of maintaining a controlled temperature range.

Vans and small trucks typically have refrigeration units powered directly by the vehicle's engine. Larger trucks and semi-trailers have independent, diesel-powered refrigeration units. Both types may also have electrical backup so that they can be plugged into the main electric grid when parked.

Further guidance on how to transport vaccines using refrigerated vehicles is provided in [WHO Technical Report Series, No. 961, Annex 9: Model guidance for the storage and transport of time- and temperature-sensitive pharmaceutical products, Supplement 12: Temperature controlled transport operations by road and by air](#) (May 2015).

Guidance on the loading and operating of refrigerated vehicles is available in the generic operating procedure [E7-05: Loading and operating refrigerated vehicles](#), issued by WHO's [Effective Vaccines Management Initiative](#). National immunization programmes should review and adapt this guidance to the national vaccine handling procedure and to standardize procedures when using refrigerated vehicles.

E002.2: RELATED VARIATIONS AND OPTIONS

Temperature monitoring devices (TMDs) are a key component of a quality-assured, temperature-controlled transport system. TMDs are specified in the [IMD-PQS performance specification E002/RV01.3: Refrigerated vehicles](#).

E002.3: CHOOSING REFRIGERATED VEHICLES

Guidance for the choice of appropriate refrigerated vehicles is forthcoming from WHO.

End-users of insulated containers and their procurement agents are advised to consider the following points when choosing vaccine storage equipment from this category:

- For each vehicle used to deliver vaccines, the routine trips must be mapped, recording the destinations, the typical time needed to complete the journey either as a "loop trip" or a "there-and-back trip" and, if needed, the location of power outlets 415/230-volt sockets for emergency back-up cooling. The time each vehicle will require to complete the delivery route should be estimated. (See [WHO Technical Report Series, No. 961, Annex 9: Model guidance for the storage and transport of time- and temperature-sensitive pharmaceutical products, Supplement 14: Transport route profiling qualification](#) (May 2015)).
- Any load sharing with vaccines and other temperature sensitive products should be agreed, as part of an integrated supply chain implementation. (See, for example, [Optimize: Tunisia Report](#) (April 2013) and [a discussion facilitated by WHO, UNICEF and the GAVI Alliance](#) (3 January 2014).
- Future load volumes should be estimated to the extent possible. See the [Vaccine volume calculator 2012 and the Vaccine volume calculator manual](#).
- It is always important to adhere to the proper loading protocol of refrigerated vehicles, including any requirements to maintain a minimum distance from ceiling, walls and cooling units.
- During route planning and selection of refrigerated transport vehicles, it is important to verify that each vehicle will not only provide the net storage capacity needed for all the distribution points on a single route but also meet the needs of the operating environment. (See [WHO Technical Report Series, No. 961, Annex 9: Model guidance for the storage and transport of time- and temperature-sensitive pharmaceutical products, Supplement 12: Temperature controlled transport operations by road and by air](#) (May 2015).) When transporting by truck it is also important to estimate the weight of vaccine shipments to ensure that the maximum load limit of a vehicle is not exceeded and that roadway restrictions are observed to avoid delays or problems at checkpoints.

E002.4: HOW TO CALCULATE THE AVAILABLE CAPACITY OF A REFRIGERATED VEHICLE

Calculate net storage capacity by multiplying the gross volume by the standard utilization factor of 0.67.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specification

[PQS performance specification E002/RV01.3: Refrigerated vehicles](#)

Verification protocol

[PQS type-examination protocol E002/RV01-VP.3: Refrigerated vehicles](#)

Guidance for manufacturers/suppliers

[Guidelines on the international packaging and shipping of vaccines](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[How to calculate vaccine volumes and cold chain capacity requirements](#)



E002: Refrigerated Vehicles



PQS code:	E002-001
Description:	Refrigerated Vehicle
Manufactured in:	Japan
Company:	Toyota Tsusho Corporation
Contact Information	
Address:	2-3-13 Konan Minato-ku Tokyo 108-8208 Japan Japan
Telephone:	+81-3-4306-5686
Email:	yuta_ohashi@toyota-tsusho.com
Web address:	www.toyota-tsusho.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CF850	Country of Manufacture	Japan
Supplied to WHO Regions	AFRO		

PRODUCT SPECIFICATIONS - MAIN

Foaming Agent	Yes	Type of Foaming Agent	C5H10
Auto defrost	Yes	Programmable temperature control	Yes

PRODUCT SPECIFICATIONS - ADDITIONAL

Type (Brand) supplied	For chassis: Toyota Land Cruiser 78	Vehicle speed limiter	Yes
Vehicle chassis manufacturer	Toyota Motor Corporation	x-drive	Yes
Left hand drive available	Yes	SinglePhaseElectricStandby/F ailureBackup	Yes
Right hand drive available	Yes	Manual transmission	Yes

Comments	Smallest gross capacity: 0.85 x-drive: 2 x 4
-----------------	---

AVAILABLE OPTIONS

Transvers movable partition	Yes	Tail lift available	No
Rear cab for overnight	Yes	Storage	Foldable stacking boxes

OTHER

Heat Extraction Capacity X2.25@30°C (J)	Yes	RecentMontrealProtocolRefrig erantGasUsed	Yes
--	-----	--	-----

WARRANTY, INSTALLATION AND MAINTAINENCE

Warranty period (months)	12.00
---------------------------------	-------

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E002/RV1.3 Applicable PQS VP(s): E002/RV01-VP.3
--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003

Refrigerators and Freezers

The products in this category are designed to store vaccines and freeze water-packs and include compression and absorption refrigerators, solar direct drives and freezer technologies. Each refrigeration technology and energy source confers different benefits and limitations, and these should be considered carefully before product selection. IMD-PQS standards for these products aim to optimize temperature control, reduce the risk of accidental freezing of vaccines stored in refrigerators, and eliminate the need for thermostat adjustment on electric compression cycle appliances.

Details regarding the products included in each sub-category of E003, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

WARNING: Domestic refrigerators and freezers should never be used to store vaccines. Performance shortcomings of domestic appliances can seriously compromise the integrity of the cold chain and cause vaccine loss.

E003.1: Refrigerator and freezer technologies

Refrigerators and freezers can operate on electricity or on heat derived from the burning of a liquid fuel or gas.

Electricity may be supplied either by a mains power system, by an electric generator, or from renewable energy sources, typically solar power supplied from a photovoltaic array. Most electric refrigerators are vapor-compression cycle units, of which the ice-lined refrigerator (ILR) is a sub-type.

The table below summarizes the advantages and disadvantages of each refrigeration technology and energy source.

Table 1 : Refrigeration options

Refrigeration cycle and energy source	Thermostatic control	Routine maintenance	Other remarks
Compression cycle with reliable electricity	Good	Very little required	Voltage regulator required when voltage varies widely.
Compression cycle ILR with intermittent electricity	Good	Very little required	Voltage regulator required when voltage varies widely.
Solar electricity or direct drive compression cycle	Good	Routine solar module maintenance	Requires an established solar service network and good solar site evaluation.

E003.2: IMD-PQS compression refrigerators and freezers

Compression refrigerators and freezers are powered by electricity; they cannot operate on gas or kerosene. The electrical supply may come from the main power grid, from a generator or from a renewable energy source such as solar power. Compared to absorption options their great advantage is that compression refrigeration provides powerful and more energy efficient cooling. In addition, compression units have better temperature control in most conditions and less refrigerator maintenance is required.

All new PQS prequalified compression refrigerators listed in the data sheets in this section have vaccine storage compartments that are designed not to freeze if used in accordance with the manufacturer's instructions. In addition, they now have non-adjustable thermostats. However, if vaccines are placed against the internal lining without baskets there is still a risk of freezing. In 2016 WHO IMD-PQS introduced a grading scale: A, B and C. Appliances graded A are certified as low vaccine freezing risk even if baskets are not used (see paragraph on freeze-protection). This new approach should eliminate accidental freezing due to improper user interventions, such as thermostat adjustment or misplacement of vaccines in the refrigerator compartment.

Low-energy chest freezers: These units are used to store oral poliovirus (OPV) vaccines in bulk. Typically, they are used in smaller primary stores where a freezer room is not justified, or at intermediate healthcare levels. They can also be used to freeze water-packs and/or to store frozen ice-packs.

E003.2.1 Mains-powered refrigerators and freezers

E003.2.1.1 Compression refrigerators and freezers with no additional lining

These are standard refrigerators that have been tested to ensure that acceptable vaccine storage temperatures between +2°C and +8°C are maintained in the vaccine storage areas. No freezing (i.e. temperature of 0°C or less) is accepted. If power is

interrupted, these refrigerators will remain below +8°C for at least four hours in continuous hot-zone temperature.

E003.2.1.2 Ice-lined refrigerators (ILR)

Most ILRs can maintain acceptable temperatures below +8°C on as little as eight hours of electricity per 24 hours, day after day. Ice-lined refrigerators are a very good choice wherever there is at least eight hours electricity a day, but no standby power supply. SDD appliances may also be an appropriate option.

Cooling during power cuts is maintained by an internal lining surrounding the vaccine storage compartment. The lining is made up of ice or cold water filled compartments or frozen ice-packs. When the electricity supply fails, this ice or cold-water store keeps the vaccine cool for at least 20 hours. When the power is restored, the compressor runs until the lining is refrozen or re-cooled.

Other new ILR-like products make novel use of chilled water combined with ice. These refrigerators can operate on fewer hours of power per day and provide from 20 hours to over 120 hours of acceptable temperature control without electricity.

Temperature control is inherently stable and potentially extends the reach of the ILR approach to areas with as little as 28 hours of power per week or an average of 4 hours per day.

WARNING: During the refreezing process some areas of an ILR can fall below 0°C – e.g. the bottom of the compartment. For non-grade A appliances freeze- sensitive vaccines should NEVER be stored within 150 mm of the base of these models. Always respect the manufacturer’s storage limit lines inside the cabinet, indicating the extent of the hazardous zone and always use the vaccine storage baskets provided by the manufacturer.

In order to avoid the freezing problem, some programmes adjust the thermostats on older ILRs so that the water-filled lining remains liquid. This strategy reduces the appliance’s cold-life but does eliminate the freezing risk. It should be adopted only after a carefully conducted study using data loggers to monitor vaccine temperature in the cold chain. Refer to the [WHO Study Protocol for Temperature Monitoring in the Vaccine Cold Chain](#) for further guidance.

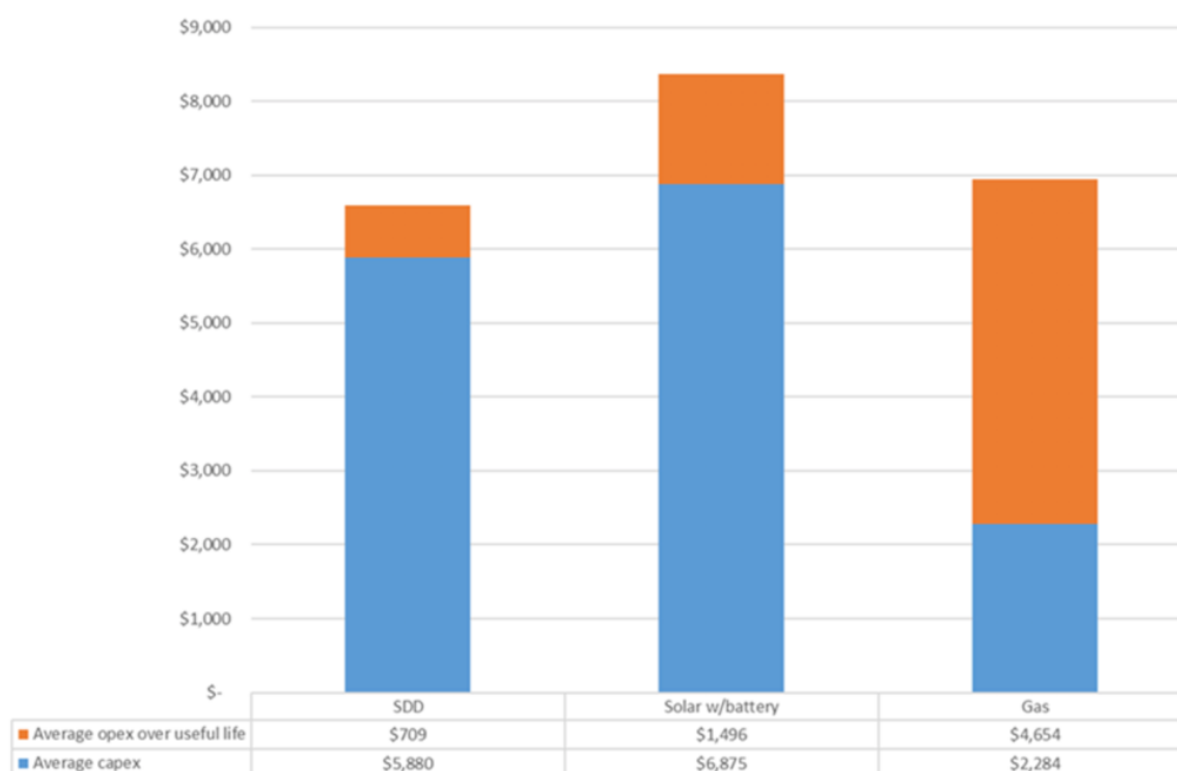
E003.2.2 Solar refrigerators and freezers

Solar powered vaccine refrigeration systems are now widely used. They are sometimes the only available solution in areas where no reliable conventional energy supply is available. Solar powered appliances must pass the relevant appliance tests and must also include a solar power system certified by the appliance manufacturer to be in compliance with the WHO IMD-PQS performance specification [E003/PV01: Solar power system for vaccine refrigerator or combined vaccine refrigerator and water-pack freezer](#). These solar power systems are intended to be delivered as a standard kit and several kit options may be offered.

WHO, PATH and others have conducted several in-depth reviews of solar vaccine refrigeration programmes launched in Africa, the Americas and in South-East Asia. These have shown that:

- The technology can be reliable and improve the quality of the vaccine cold chain when compared with the use of absorption refrigerators.
- The 10-year life cycle cost of solar direct drive (SDD) refrigerators is estimated to be equal or lower than gas-powered refrigeration systems in settings where bottled gas is readily available and its supply is reliable. See Figure 1 below.
- The 10-year life cycle cost of solar battery powered systems remains relatively high in comparison with gas-powered refrigeration systems. Maintenance and replacement of batteries and regulators remains the major problem. Field reports historically indicate that on average, replacement is necessary after five years and these systems are often located in remote, isolated areas making maintenance and battery replacement challenging.
- Solar modules and batteries (when used) must be physically secure to prevent theft of these valuable items. (Due to the cost and maintenance of batteries, SDD systems have become more prevalent.)
- It is essential to ensure that a qualified servicing network is in place to make an on-site assessment, install the systems and provide long-term system maintenance. Replacement of parts such as batteries, battery charge regulators and refrigerator components must be anticipated and fully funded.

Figure 1: TCO comparison between SDD, solar battery and gas refrigerators from the latest PATH TCO tool (2019 July)



Both direct-drive and battery powered models currently provide vaccine storage at +2°C to +8°C. The flow chart under section E003.5 provides guidance on when to select solar refrigeration. It is essential to ensure that there is adequate sunlight throughout the year at all the proposed sites and a solar site evaluation must be conducted before the equipment is installed on site.

There are now two types of solar refrigeration. The first type consists of a compression-cycle refrigerator or freezer or combined refrigerator/freezer powered by a battery-pack which is charged by a photovoltaic array. The second type is a compression-cycle refrigerator or freezer or combined refrigerator/freezer directly driven by the solar array, with energy stored in a sealed thermal mass inside the equipment to maintain cool temperatures overnight. No batteries are needed to operate the compressor. A sub- category of this type uses an ancillary battery to operate a fan.

Field reports indicated that solar-powered refrigeration systems can sometimes achieve a 10+ year service life. This is only possible if the installation is properly planned, correctly designed, competently installed and then supported by a regular maintenance program with adequate, ongoing funding.

Solar refrigeration is a mature technology that can be used with confidence provided certain fundamental conditions are met. These conditions are:

1. Maintenance and repair: All solar equipment requires maintenance or it will fail, especially power systems with a battery. Plan for maintenance in accordance with maintenance tools for users and technicians; provide adequate funding in advance and carry out the work in a timely manner. Only install solar refrigerators at sites which can be reached consistently by a qualified service network throughout the year and in a reasonable time.

2. Equipment selection: A purchase should not be committed until the solar site evaluation has been completed. Then only refrigeration equipment that has been prequalified under WHO IMD-PQS and which is suitable for the climatic conditions at the selected site(s) should be considered. Qualified suppliers should provide a solar power system that is matched to the refrigeration equipment, meets IMD-PQS equipment specifications and is suitable for the site-specific climate. Before buying a large quantity of equipment, a pilot study including one or a few systems must be conducted in order to assess the installation feasibility and the good working conditions in country.

3. Solar site evaluation: Subject to condition 1, the system supplier/installer must carry out a site evaluation and must confirm in writing that:

- The refrigerator can be located in a level, secure and safe position out of direct sunlight and moisture.
- The proposed site has sufficient solar radiation throughout the year to power the chosen equipment (verified by officially-sourced regional multi-year weather data) and that system performance will not be compromised as a result of persistent dust storms, fog, air pollution or other more localized atmospheric effects.

- A solar site analysis has quantified the times of and the amount of shading on the proposed solar array location.
- The system autonomy (amount of energy stored for periods of low solar radiation) has been assessed and is matched to the site-specific autonomy requirement as determined by WHO IMD-PQS specification E003 PV01.
- The site identified to install the solar array is not shaded by trees, vegetation, poles, cables, adjoining structures or buildings. Even something as small as an overhanging cable can seriously affect the efficiency of some solar modules.
- There is a suitable place to mount the solar array so that it cannot easily be vandalized, stolen or accidentally damaged.
- Safe access can be provided to clean and maintain the solar array. Note: this is especially important where snow or dust storms are common.
- Details are specified for any roof-strengthening required and clear guidance is provided on the installation of access ladders and/or safety ropes.
- All cable lengths are estimated as accurately as possible in advance.
- If batteries are used, advice is provided on a suitable and secure location for a battery enclosure (a locking, ventilated box) close to the vaccine refrigerator/freezer

4. Site preparation: The solar site evaluation may show that preparatory building work is required to make the site safe and suitable. If this is so, make arrangements to carry out this work before the equipment is delivered.

5. Servicing network: There must be a competent, trained and affordable solar servicing network in the country. This service network must offer installation and long-term support with a reliable supply of spare parts for the refrigerator, the solar array and battery system (if used).

6. Installation: It is essential that the equipment be installed and commissioned in accordance with the relevant IMD-PQS Quality Assurance protocol: IMD-PQS [PV01-VP2 Solar power system for compression-cycle refrigerator](#) or combined refrigerator/water-pack freezer.

7. User training: Users must be trained in the operation and maintenance of the system. They should also be provided with clear instructions on whom to inform in case of maintenance requests or system failure.

WARNING: The freezer compartments of IMD-PQS prequalified solar refrigerators are not suitable for storing or freezing vaccines. Freezer compartments should only be used to freeze water-packs.

WARNING: Some single compressor solar refrigerators may not be able to freeze icepacks when the ambient temperature is permanently below +15°C to +20°C. If you plan to use a solar refrigerator in a mountainous area or an area where the ambient temperature is permanently or seasonally low, you should select a system with two independent compressors or a model that has shown good performance at low temperatures.

WARNING: The photovoltaic panels and battery packs (whenn used) which power the vaccine refrigerator must be used for this purpose alone. If there is a need for additional photovoltaic power on the site – e.g. for health facility lighting, for small-scale laboratory equipment and the like – this must be supplied from a separate system. If other equipment is supplied from the refrigerator battery pack, its use may be difficult to control and this will drain power and could compromise the vaccine.

IMD-PQS has published Solar Energy Harvest Controller (EHC) specifications to open up the possibilities to use some extra energy supplied by solar arrays, while securing the power to the appliance. Note: this applies only for SDDs approved for use with specific EHCs.

The solar direct drive refrigerators listed in this catalogue are laboratory tested over a specific ambient temperature range, using a specific solar diurnal power cycle.

Establishing the correct size of the solar array for a solar direct drive refrigerator installation **cannot** be done by the purchasing agency. Instead, predetermined system kits with an SDD appliance and matched solar power system are provided. Laboratory testing and the amount of cold storage required by IMD-PQS are based on relatively poor solar radiation conditions to assure adequate solar electricity is generated in most tropical climates.

WARNING: IMD-PQS prequalified equipment may only be used within the limits stated on the relevant IMD-PQS product data sheet. Manufacturers are required to nominate a solar array size at the time of testing. The output from that solar array is used to determine the performance of the refrigerators. Only the nominated array size that is stated on the IMD-PQS product data sheet, or a larger array, may safely be used.

E003.3: IMD-PQS absorption refrigerators and freezers

Absorption refrigerators and water-pack freezers do not perform as well as their compressor-driven equivalents. They may require constant attention to ensure adequate performance for the vaccine cold chain.

Furthermore, models that combine vaccine storage with water-pack freezing within the same insulated chamber do not control temperatures or freeze water-packs as well as models that have separate freezing and vaccine storage areas.

WARNING: Operating costs can be higher with absorption refrigeration than with most other options. For this reason, SDD systems have become more prevalent for locations with unreliable mains power.

E003.4: Choosing a refrigerator or freezer

When you choose a refrigerator or freezer consider the following points (see glossary for definitions):

1. Temperature zone: Assess climate-specific and location-specific factors

- *Climate*: Identify the appropriate temperature zone by checking the mean maximum temperature during the hottest month and the mean minimum during the coldest month. Bear in mind that some parts of the country, e.g. mountain regions, may require equipment with a different temperature rating than other parts.
- *Setting*: Choose potential appliance types to suit the setting using the table below. There are two factors to consider:
 - The mean maximum temperature in the hottest month in the area where the appliance will be located: ignore air-conditioning because it is very likely to be off at weekends and during power cuts and cold chain equipment is often located in store rooms or similar locations.
 - The lowest winter temperature in the room where the appliance will be located: in cold climates, the winter temperature inside a health facility can drop below freezing; e.g. where heating is absent, unreliable, or is turned off at night and/or at weekends. In such cases, choose equipment that is able to operate at low ambient temperatures. Currently there are no models available with active low-temperature protection which can operate at temperatures below +5°C

2. Temperature zone selection

Table 1 : Temperate zone selection

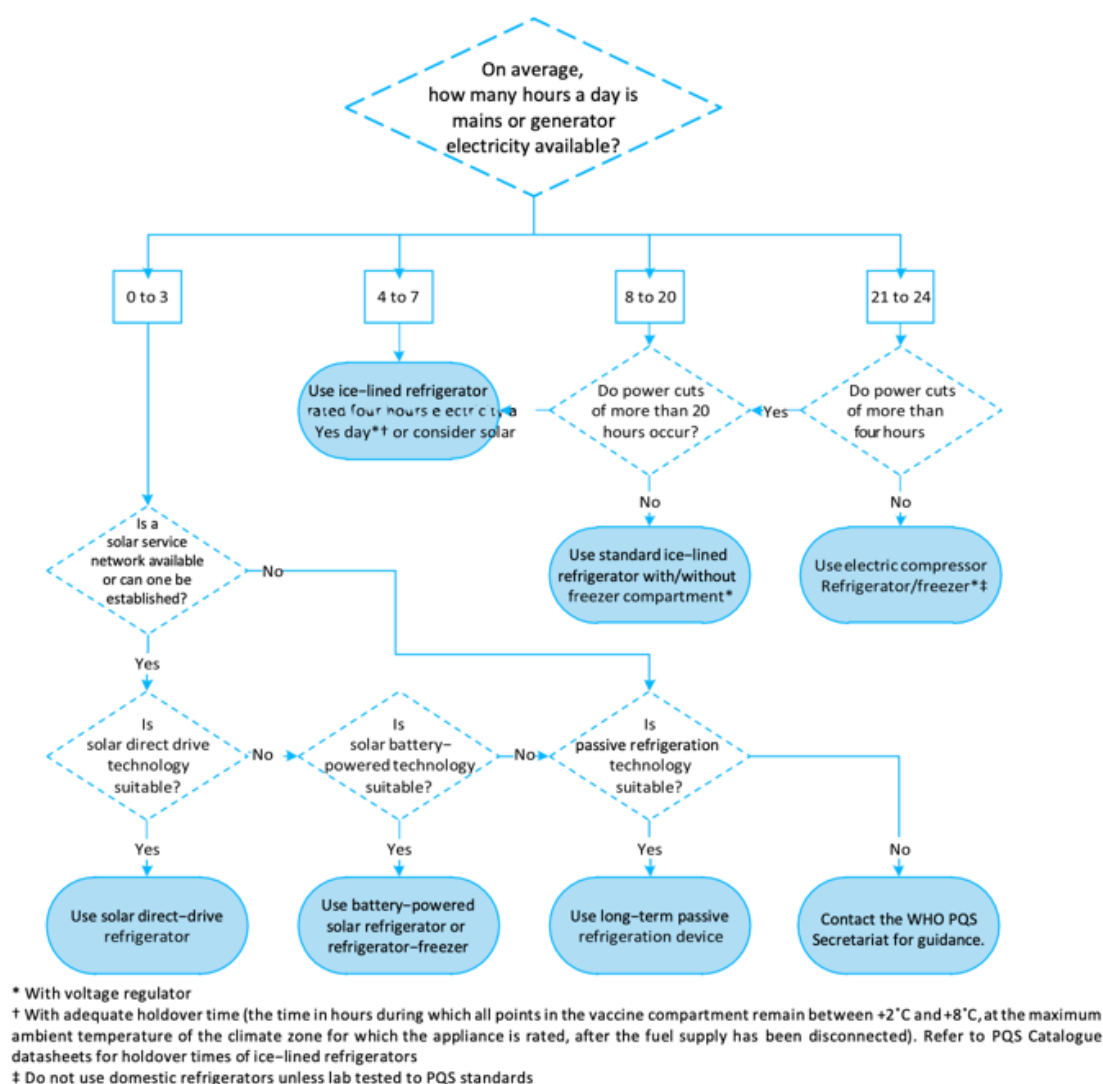
Appliance type LAT = Low Ambient Temperature rating	Mean maximum temperature in hottest month			Lowest winter room temperature	
	<= +27°C	<= +32°C	>+32°C	>= +10°C to +25°C	< +10°C
Hot zone			X	X	
Temperate zone		X		X	
Moderate zone	X			X	
Hot zone + LAT			X		X
Temperate zone + LAT		X			X
Moderate zone + LAT	X				X

3. Vaccine storage capacity: In each setting (primary store, sub-national store or health facility) assess how much vaccine must be stored at +2°C to +8°C and how much at -20°C.

4. Water-pack freezing capacity: If icepacks are required, assess how many water-packs need to be frozen per 24 hours in each setting. Once frozen, the icepacks can be stored in any locally-available chest freezer with low power consumption. If high throughput is not a major concern, chest freezers can be used on their own. Where cold water-packs are used, lower cost, locally available refrigerators are perfectly adequate, so long as they are never used to store vaccine.

5. Energy source: Continuous refrigeration is required for vaccine storage and this requires a reliable source of power. In each setting, assess which power sources are available and which type of refrigeration is most suitable. The available sources are mains electricity, generator produced electricity, renewable energy (e.g. solar electricity), and bottled gas. Solar, gas and long-term passive devices are currently the only alternatives where mains electricity is absent, or is available for less than eight hours per day. The flowchart below outlines the decision process:

Figure 2: Selecting a suitable energy source



6. Associated supplies: Make sure you order the necessary associated supplies at the same time as the refrigerator or freezer. These include:

- *Spare parts:* The data sheets in this section list the spare parts recommended for the first five years of use. To avoid shortages later, order these spares with the equipment. Before purchasing equipment check that repair facilities and spare parts are available, whether from a competent local service agent or in-house.
- *Voltage stabilizer:* Unless mains electricity is highly reliable, order a voltage regulator for all mains or generator powered equipment – see [Section E001 Cold Room and Freezer Rooms](#) and [Section E007 Cold Chain Accessories](#) of the IMD-PQS Catalogue for more information. Note that some suppliers include a voltage regulator either integrated in the device or bundled with the device.
- *Temperature monitoring equipment:* IMD-PQS specifications require all vaccine refrigerators and freezers, whatever the power source, to be supplied with a Level 1 Electronic Monitoring Device (EMD) datalogger. In addition, for reliable continuous temperature monitoring, every vaccine refrigerator should include an external reading thermometer and integrated Level 2 EMD, integrated Level 3 EMD, or a 30-day electronic refrigerator temperature logger. See section [E006 Temperature Monitoring Devices](#) of the IMD-PQS Devices Catalogue for more information. Note: that refrigerator temperature loggers will need to be replaced approximately every two years when the battery runs out. Ensure that adequate recurrent funding is available to purchase these consumable items in future years.

Table 2: EMS configurations

Configuration	I	II	III	IV	V
Data logger plus M2M port (E006/DL01)	✓	✓	✓	✓	✓
Thermometer (E006/TH06) with display		✓		✓	✓
Integrated EMD (E006/EM01)	✓				
External EMD (E006/EM01)		✓			
Integrated EMD with remote data transmission (E006/EM01)			✓		
External EMD with remote data transmission (E006/EM01)				✓	
30 DTR (E006/TR06.3)					✓

- *Manuals:* Order user and service manuals in the appropriate language.
- *Energy harvest:* Energy harvest is a new technology that provides a limited amount of electricity to health facilities with unreliable electricity (weak-grid) or no electrical service (off-grid). Energy harvest is only available for some solar direct drive refrigerators at the current time. See [Section E007 Cold Chain Accessories](#) of the IMD-PQS Devices Catalogue for more information.

7. Training: Ensure that users and maintenance technicians are properly trained to use the specific equipment that you order. All solar systems require on-site installation by a competent technician specifically trained in solar installation work. It is also essential that adequate servicing facilities are available after the equipment has been installed. The importance of training is often underestimated and under-budgeted. A cold chain with good equipment but inadequately trained staff can seriously hamper an immunization programme.

8. Cost: Select the best available refrigerator from the point of view of reliable temperature control and low maintenance. Do not buy solely on the basis of purchase cost. This can lead to expensive loss of vaccine and/or higher lifetime costs due to greater running and maintenance costs.

E003.5: IMD-PQS specification changes

The new IMD-PQS specifications have introduced a number of technical changes. The following are the most significant.

E003.5.1: Electronic Monitoring System (EMS)

A Level 1 Electronic Monitoring Device (EMD) is now required for all vaccine refrigerators. Additionally, an integrate Level 2 EMD or 30-DTR is also required.

E003.5.2: Humidity control

Although humidity control is not required at this time, it is encouraged and is a testing protocol is provided in the Verification Protocol.

E003.6: Recent and future developments

A number of interesting new developments have been pursued by WHO and its partners:

- Solar direct drive freezers have now been prequalified.
- Basic USB EHCs are now common on most SDD appliances: however, these devices cannot take advantage of the full energy from the solar array, which prioritizes the refrigeration load over all others. Therefore EHC options are desirable for health centers that lack access to electricity.

- Transportable, powered vaccine storage appliances are now available. The corresponding IMD-PQS specification is [WHO/PQS/E003/TS01](#). These appliances use batteries to provide "independence" time by actively cooling the vaccines. Thermal insulation provides a further "hold-over" time.
- Phase change materials that freeze at positive temperatures (e.g. +5°C) may be used instead of an ice-lining if permanently contained and affixed into the equipment to prevent vaccine freezing. This technology will provide more cooling capacity than a lining consisting of unfrozen cool water-packs. IMD-PQS has published a specification for containment and use of non-water PCMs: [WHO/PQS/E005/PCMC0.1 – Phase change material containers](#).

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E003/RF06.4: Refrigerator or combined refrigerator and water-pack freezer: Solar direct drive with ancillary rechargeable battery](#)

[PQS performance specification E003/RF04.4: Refrigerator or combined refrigerator and water-pack freezer: Solar powered with rechargeable battery](#)

[PQS performance specification E003/RF01.4: Refrigerator or combined refrigerator and water-pack freezer: minimal holdover mains powered, compression cycle](#)

[PQS performance specification E003/FZ04.1: Vaccine freezer or combined vaccine and water-pack freezer: Solar-direct drive](#)

[PQS performance specification E003/TS01.1: Transportable, powered vaccine storage appliances](#)

[PQS performance specification E003/RF05.7: Refrigerator or combined refrigerator and water-pack freezer: Solar direct drive without battery storage](#)

[PQS performance specification E003/RF03.6: Refrigerator or combined refrigerator and water-pack freezer: intermittent mains powered, compression cycle](#)

[PQS performance specification E003/ULT01.1: Vaccine ultra-low temperature freezer compression cycle](#)

[PQS performance specification E003/POW01.0: Power systems for ultra-low temperature systems](#)

[PQS performance specification E003/BC01.1: Global asset identification](#)

[PQS performance specification E003/RF02.3: Refrigerator or combined refrigerator and water-pack freezer: absorption cycle](#)

[PQS performance specification E003/RF06.3: Refrigerator or combined refrigerator and water-pack freezer: solar direct drive with ancillary rechargeable battery](#)

[PQS performance specification E003/PV01.4: Solar power system for vaccine refrigerator or combined vaccine refrigerator and water-pack freezer](#)

[PQS performance specification E003/FZ01.2: Vaccine freezer or combined vaccine and water-pack freezer: compression cycle](#)

[PQS performance specification E003/FZ02.2: Water-pack freezer: absorption cycle](#)

[PQS performance specification E003/FZ03.3: Water-pack freezer: solar direct drive without battery storage](#)

Verification protocols

[PQS independent type-testing protocol E003/ULT01-VP.1: Vaccine ultra-low temperature freezer](#)

[PQS independent type-testing protocol E003/TS01-VP.1: Transportable, powered vaccine storage appliances](#)

[PQS On-site freeze protection test protocol Based on E003/RF03-VP.3: Ice-lined refrigerator or combined ice-lined refrigerator and water-pack freezer: compression cycle](#)

[PQS On-site freeze protection test protocol Based on E003/RF05-VP.4: and E003/RF06-VP.2: Refrigerator or combined refrigerator and water-pack freezer, compression-cycle. Solar direct drive with or without ancillary battery](#)

[PQS type-examination protocol E003/POW-VP02.0: Power systems for ultra-low temperature freezing systems](#)

[PQS type-examination protocol E003/POW-VP01.0: Power systems for ultra-low temperature freezing systems](#)

[PQS type examination protocol E003/PV01-VP1.2: Solar power system for compression-cycle vaccine refrigerator or combined refrigerator and water-pack freezer.](#)

[PQS quality assurance protocol E003/PV01-VP2.2: Solar power system for compression-cycle vaccine refrigerator or combined refrigerator and water-pack freezer – on-site checklists for completed installations](#)

[PQS independent type-testing protocol E003/RF01-VP.4: Refrigerator or combined refrigerator and water-pack freezer: minimal holdover mains-powered, compression cycle](#)

[PQS independent type-testing protocol E003/RF02-VP03: Refrigerator or combined refrigerator and water-pack freezer: absorption cycle](#)

[PQS independent type-testing protocol E003/RF03-VP.4: Refrigerator or combined refrigerator and water-pack freezer: intermittent mains-powered, compression cycle](#)

[PQS independent type-testing protocol E003/RF04-VP.4: Refrigerator or combined refrigerator and water-pack freezer: solar powered with rechargeable battery](#)

[PQS independent type-testing protocol E003/RF05-VP.5: Refrigerator or combined refrigerator and water-pack freezer: solar direct drive without battery storage](#)

[PQS independent type-testing protocol E003/RF06-VP.4: Refrigerator or combined refrigerator and water-pack freezer: solar direct drive with ancillary rechargeable battery](#)

[PQS independent type-testing protocol E003/FZ01-VP.2: Vaccine freezer or combined vaccine and water-pack freezer: compression-cycle](#)

[PQS independent type-testing protocol E003/FZ02-VP.2: Vaccine freezer or combined vaccine and water-pack freezer: compression-cycle](#)

[PQS independent type-testing protocol E003/FZ03.VP.1: Water-pack freezer: solar direct drive without battery storage](#)

[PQS independent type-testing protocol E003/FZ04-VP.1: Vaccine freezer or combined vaccine and water-pack freezer: Solar-direct drive](#)

Target product profile

[Target Product Profile: WHO/PQS/E003/TPP01.2 SDD refrigerator](#)

[Target Product Profile: WHO/PQS/E003/TPP02.1 Solar Power System](#)

[Target Product Profile: WHO/PQS/E003/TPP03.1 SDD Freezer](#)

[Draft Target Product Profile: WHO/PQS/E003/TPP04 Mains-powered refrigerator](#)

[Target Product Profile: WHO/PQS/E003/TPP05.1 Humidity control for vaccine refrigerators](#)

Guidance for manufacturers/suppliers

[Generic field evaluation checklist for IMD-PQS reviewers](#)

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[PQS solar autonomy calculation method](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[How to calculate vaccine volumes and cold chain capacity requirements](#)

[How to develop and repair a maintenance system for cold chain equipment](#)

[Introducing solar-powered vaccine refrigerator and freezer systems – A guide for managers in national immunization programmes](#)

[Evidence brief: Solar direct-drive vaccine refrigerators and freezers](#)

[Procurement guidelines: solar direct drive refrigerators and freezers](#)

[Study protocol for temperature monitoring in the vaccine cold chain](#)



E003: Refrigerators and freezers



PQS code: E003-023
Description: Vaccine/Waterpacks freezer
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MF 314	Country of Manufacture	Denmark
--------------------------------	--------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
EnergyConsump.DuringFreezi ng(kWh/24h)	4.24	Hold over time (hours:mn)	4:00
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	4.29
External dimensions width (mm)	1560.00	EnergyConsump.Continuous Power(kWh/24h)	4.23
External dimensions height (mm)	840.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	1.00
-------------------------	-------	--	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	7.20	Freezer's gross volume (Litres)	281.00
--	------	--	--------

Comments	<p>"Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP,containing various installation/service features. Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance. For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable. Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc. MF 314 is model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5 For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>PQS number: E003/023 External dimensions: 84 x 156 x 70 cm Hold over time (hou:mn): 4.0 hou Quality standard: ISO 9001:2008;#ISO 14001;#DS/OHSAS 18001:2008 Device sub-category:Non-solar Type of appliance: Vaccine/waterpacks freezer Freezer net volume: 220 - 300 L Freezing capacity range: 5 - 15 kg/24h Range of holdover time: 2 - 5 hou Range waterpack storage capacity: > 200 Test temperature: +43°C Waterpack freezing capacity: 7.2 kg/24h Waterpack storage capacity: 256 x 0.6 L Title: Combined vaccine waterpack freezer</p>
List of accessories	<p>External electronic 30 day TMD FT2 Type 2. 3 Basket, Locking lid + keys. Manual in 6 languages. Plywood packing</p>

VERIFICATION

Verification Report Reference		A66542-3 issue 1	
Shipping volume (m3)	1.161	Price 1	1-99 units: 1192 €
Shipping weight (kg)	108.50	Price 2	100-199 units: €
Year of base price	2023	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ02.2 Applicable PQS VP(s): E003/FZ02-VP2
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-024
Description: Vaccine/Waterpacks freezer
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MF 114	Country of Manufacture	Denmark
-------------------------	--------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
EnergyConsump.DuringFreezing(kWh/24h)	3.33	Hold over time (hours:mn)	2:48
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	2.41
External dimensions width (mm)	720.00	EnergyConsump.Continuous Power(kWh/24h)	2.24
External dimensions height (mm)	840.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	1.00
------------------	-------	---	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	7.20	Waterpack storage capacity (Litres)	38.40
Freezer's gross volume (Litres)	105.00		

Comments	<p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>MF 114 imodel is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>Freezing capacity range: 5 - 15 kg/24h</p> <p>Range of holdover time: 2 - 5 hours</p> <p>Range waterpack storage capacity: 20 - 100</p> <p>Waterpack storage capacity: 64 x 0.6 L</p>
List of accessories	External electronic 30 day TMD FT2 Type 2, 1 Basket, Locking lid + 2 key. Manual in 6 languages. Plywood packing

VERIFICATION

Verification Report Reference		A66542-1	
Shipping volume (m3)	0.58	Price 1	1-99 units: 541 €
Shipping weight (kg)	70.00	Price 2	100-199 units: 422 €
Year of base price	2016	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ02.2 Applicable PQS VP(s): E003/FZ02-VP.2
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-025
Description: Vaccine/Waterpacks freezer
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MF 214	Country of Manufacture	Denmark
--------------------------------	--------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
EnergyConsump.DuringFreezi ng(kWh/24h)	3.56	Hold over time (hours:mn)	2:54
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	2.96
External dimensions width (mm)	1130.00	EnergyConsump.Continuous Power(kWh/24h)	3.00
External dimensions height (mm)	840.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	1.00
-------------------------	-------	--	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	7.20	Freezer's gross volume (Litres)	171.00
--	------	--	--------

Comments	<p>"Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP,containing various installation/service features. Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance. For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable. Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc. MF 214 is model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5 For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz "</p> <p>PQS number: E003/025 External dimensions: 84 x 113 x 70 cm Hold over time (hou:mn): 2.9 hou Quality standard: ISO 9001:2008;#ISO 14001;#DS/OHSAS 18001:2008 Device sub-category:Non-solar Type of appliance: Vaccine/waterpacks freezer Freezer net volume: 110 - 220 L Freezing capacity range: 5 - 15 kg/24h Range of holdover time: 2 - 5 hou Range waterpack storage capacity: 101 - 200 Test temperature: +43°C Waterpack freezing capacity: 7.2 kg/24h Waterpack storage capacity: 160 x 0.6 L Title: Combined vaccine waterpacks freezer</p>
List of accessories	<p>External electronic 30 day TMD FT2 Type 2, 2 Basket, Locking lid + 2 key. Manual in 6 languages. Plywook packing</p>

VERIFICATION

Verification Report Reference		A66542-2 issue 1	
Shipping volume (m3)	0.846	Price 1	1-99 units: 615 €
Shipping weight (kg)	96.30	Price 2	100-199 units: 493 €
Year of base price	2016	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ02.2 Applicable PQS VP(s): E003/FZ02-VP.2
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-030
Description:	Solar direct drive refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 3000 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Temperate	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	32.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	94:05
External dimensions length (mm)	780.00	Energy consumption (cool down) (kWh/24h)	0.34
External dimensions width (mm)	1270.00	EnergyConsump.Continuous Power(kWh/24h)	0.25
External dimensions height (mm)	910.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	156.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	278.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 150L - 220L</p>		
List of accessories	5 Baskets, documentation and Instruction manual, 2 keys, lockable lid, 2 spacers, 1 compass, 1 brush		

VERIFICATION

Verification Report Reference	WHO 11--018 V2 /16-005		
Shipping volume (m3)	1.07	Price 1	Price: >100 units: G1: 6425 €; G2: 7105 €.
Shipping weight (kg)	140.00	Year of base price	2024
Incoterms	EXW	Quality Standard	Other

Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2	Quality standard (Other)	ISO 9001:2015; ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-035
Description:	Solar direct drive refrigerator/freezer
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 2000 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Temperate	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	32.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezi ng(kWh/24h)	0.96
Hold over time (hours:mn)	94:00	External dimensions length (mm)	1270.00
Energy consumption (cool down) (kWh/24h)	0.74	External dimensions width (mm)	780.00
EnergyConsump.Continuous Power(kWh/24h)	0.78	External dimensions height (mm)	910.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	99.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	118.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.40	Waterpack storage capacity (Litres)	9.60
Freezer's gross volume (Litres)	42.00		

Comments	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems.
	Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 90L - 150L Range waterpack storage capacity: 20 - 100L Waterpack storage capacity: 16x0.6L
List of accessories	4 baskets; 6 waterpacks 0.6L; 4 keys; documentation and instructions, lockable lid, 1 compass, 1 brush, 2 spacers

VERIFICATION

Verification Report Reference		WHO- 12-020/16-004/11-017 V2	
Shipping volume (m3)	1.07	Price 1	>100 units: G1: 9252€; G2: 10,606€
Shipping weight (kg)	161.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2	Quality standard (Other)	ISO 9001:2015; ISO 14001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-040
Description:	Solar Direct Drive vaccine refrigerator
Manufactured in:	United Kingdom
Company:	Dulas Ltd
Contact Information	
Address:	Dyfi Eco Parc Machynlleth Powys SY20 8AX United Kingdom United Kingdom of Great Britain and Northern Ireland
Telephone:	+44 (0)7833 297920
Email:	catherine.mclennan@dulas.org.uk
Web address:	http://www.dulassolar.org/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VC200SDD	Country of Manufacture	United Kingdom
--------------------------------	----------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	750.00
Energy consumption (cool down) (kWh/24h)	0.52	External dimensions width (mm)	1280.00
EnergyConsump.Continuous Power(kWh/24h)	0.50	External dimensions height (mm)	980.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	132.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	205.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
--	------	--	------

Comments	<p>Dulas VC200SDD (solar direct drive) vaccine refrigerator. Integrated PCM internal lining used as part of Dulas's Freeze Free technology. Features include lockable handle, twin gasket seals, high strength metal hinges and heavy duty castors.</p> <p>Price includes plug and play solar array and mounting system, as well as solar cables, connectors, fixings and earthing kit (for increased protection against lightning strike). Selection of specialist tools supplied with the system to facilitate installation.</p> <p>Beyond RTMD integrated as standard with display, audible and visual alarm indicators, 120-day local data storage and scannable QR code for instant 30-day PDF reports.</p> <p>Optional remote temperature monitoring subscription service available via cellular network which provides real-time monitoring and reporting of cold chain assets in one easy-to-use cloud-based portal.</p> <p>Shipping weights and volumes are shown for refrigerator only. Details of solar system available upon request.</p>
List of accessories	<p>Supplied with 4 x refrigerator baskets, 2 x keys for the lockable handle, 1 x set of printed manuals ('user's manual', 'installation and technician's manual') available in a selection of languages.</p> <p>Price includes Berlinger Fridge-tag 2 E 30-day electronic temperature logger (E006/040).</p>

VERIFICATION

Verification Report Reference	300-KLAB-13-194
--------------------------------------	-----------------

Shipping volume (m3)	1.32	Price 1	€4,435 EUR per unit including solar system
Shipping weight (kg)	194.00	Year of base price	2024
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF06.2 Applicable PQS VP(s): E003/RF06-VP.2	Quality standard (Other)	ISO 9001:2015; ISO 14000:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-042
Description:	Solar direct drive refrigerator/freezer TCW 40 SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 40 SDD	Country of Manufacture	Luxembourg
--------------------------------	------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	0.69
Hold over time (hours:mn)	93:24	External dimensions length (mm)	1030.00
Energy consumption (cool down) (kWh/24h)	0.67	External dimensions width (mm)	780.00
EnergyConsump.Continuous Power(kWh/24h)	0.57	External dimensions height (mm)	900.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	36.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	47.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.89	Freezer's gross volume (Litres)	4.80
--	------	--	------

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>PQS number: E003/042</p> <p>Autonomy: 81 hou 54 min</p> <p>External dimensions: 90 x 78 x 103 cm</p> <p>Hold over time (hou:mn): 93 hou 24 min</p> <p>Quality standard: ISO 9001:2008;#ISO 13485;#ISO 14001</p> <p>Device sub-category:Solar Direct Drive</p> <p>Type of appliance: Solar direct drive combined refrigerator/freezer</p> <p>Freezer net volume: 50 L</p> <p>Freezing capacity range: 5 kg/24h</p> <p>Range of holdover time: 51 - 100 hou</p> <p>Range vaccine storage capacity: 25L - 60L</p> <p>Range waterpack storage capacity: 20</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: 1.89 kg/24h</p> <p>Waterpack storage capacity: 3.6 kg</p> <p>Title: Solar direct drive refrigerator/freezer</p>
List of accessories	1 basket; 8 waterpacks 0.6 L; 8 waterpack holders; 2 keys; 1 brush; 1 pan for drain; documentation, 1 compass, lockable lid, 2 spacers

VERIFICATION

Verification Report Reference		WHO 13-024 V2	
Shipping volume (m3)	0.88	Price 1	> 100 units: G1: 5041€ ; G2: 5550€
Shipping weight (kg)	126.00	Year of base price	2022
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-043
Description:	Solar direct drive refrigerator/freezer TCW2043SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 2043 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	1.05
Hold over time (hours:mn)	79:00	External dimensions length (mm)	780.00
Energy consumption (cool down) (kWh/24h)	0.79	External dimensions width (mm)	1270.00
EnergyConsump.Continuous Power(kWh/24h)	0.73	External dimensions height (mm)	910.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	70.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	79.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.50	Freezer's gross volume (Litres)	42.00
--	------	--	-------

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>PQS number: E003/043</p> <p>Autonomy: 73 hou 54 min</p> <p>External dimensions: 91 x 127 x 78 cm</p> <p>Hold over time (hou:mn): 79 hou</p> <p>Quality standard: ISO 13485;#ISO 14001;#ISO 9001</p> <p>Device sub-category:Solar Direct Drive</p> <p>Type of appliance: Solar direct drive combined refrigerator/freezer</p> <p>Freezer net volume: 50 L</p> <p>Freezing capacity range: 5 kg/24h</p> <p>Range of holdover time: 51 - 100 hou</p> <p>Range vaccine storage capacity: 60L - 90L</p> <p>Range waterpack storage capacity: 20</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: 2.5kg/24h</p> <p>Waterpack storage capacity: 16x0.6L 10.5kg</p> <p>Title: Solar powered direct drive refrigerator TCW2043</p>
List of accessories	2 baskets; 16 waterpacks 0.6 L; 4 keys; documentation; 1 pan for drain. , 2 lockable lids, 2 spacers, 1 brush, 1 compass

VERIFICATION

Verification Report Reference		WHO 13-025 and WHO 16-009	
Shipping volume (m3)	1.07	Price 1	> 100 units: G1: 8279€ ; G2: 9296€
Shipping weight (kg)	166.00	Year of base price	2022
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 14001;ISO 9001
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-045
Description:	Solar direct drive refrigerator TCW3043SDD
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsystems.com
Web address:	www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 3043 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	0.00
Hold over time (hours:mn)	128:48	External dimensions length (mm)	780.00
Energy consumption (cool down) (kWh/24h)	0.68	External dimensions width (mm)	1270.00
EnergyConsump.Continuous Power(kWh/24h)	0.68	External dimensions height (mm)	910.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	89.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	111.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; (compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems
-----------------	--

Range of holdover time: 101 - 250 hours
Range vaccine storage capacity: 90L - 150L

List of accessories	5 baskets; 2 keys; documentation; lockable lid; 2 spacers; 1 compass; 1 brush
----------------------------	---

VERIFICATION

Verification Report Reference	WHO 13-026 V2/16-011		
Shipping volume (m3)	1.07	Price 1	>100 units: G1: 6955€ ; G2: 7552€
Shipping weight (kg)	171.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other

Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 9001:2015;ISO 14001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-048
Description: Solar Direct Drive Combined Refrigerator/Freezer
Manufactured in: United Kingdom
Company: Dulas Ltd

Contact Information

Address: Dyfi Eco Parc Machynlleth Powys SY20 8AX United Kingdom
United Kingdom of Great Britain and Northern Ireland
Telephone: +44 (0)7833 297920
Email: catherine.mclennan@dulas.org.uk
Web address: <http://www.dulassolar.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VC150SDD	Country of Manufacture	United Kingdom
--------------------------------	----------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	0.95
Hold over time (hours:mn)	83:42	External dimensions length (mm)	740.00
Energy consumption (cool down) (kWh/24h)	0.93	External dimensions width (mm)	1282.00
EnergyConsump.Continuous Power(kWh/24h)	0.88	External dimensions height (mm)	980.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	102.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	158.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.04	Freezer's gross volume (Litres)	42.90
--	------	--	-------

Comments	<p>Supplied as standard with Integrated Beyond ICE3 BC141 Remote Temperature Monitoring Device. Fully compliant to WHO PQS E006/TR03.2. See separate registration E006/036 for full details. Beyond's Remote Temperature Monitoring System (RTMS) provides real-time monitoring and reporting of cold chain assets in one easy to use cloud-based portal. Accessible via PC or Smartphone App and able to connect to any existing Beyond cold chain management system. PQS price includes BC141 hardware integrated to every refrigerator.</p> <p>ColdCloud subscription services are an optional extra cost that can be added at purchase or retrospectively, and remotely activated without additional installation costs. For more information contact Dulas Ltd.</p> <p>Integrated PCM internal lining used as part of Dulas Freeze Free technology. PCM lining complies with WHO/PQS/ E005/PCMC0.1 specification. PQS number: E003/048 Autonomy: 77.99 External dimensions: 98 x 128.2 x 74.0 cm Hold over time (hou:mn): 83.7 Quality standard: ISO 9001:2008;#Other;#ISO 14000 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive combined refrigerator/freezer Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 101 - 250 hou Range vaccine storage capacity: 90L - 150L Range waterpack storage capacity: 20 Test temperature: +43°C; +32°C Waterpack freezing capacity: 2.04 Waterpack storage capacity: 8.1 kg Title: Solar Direct Drive Refrigerator</p>		
	<p>List of accessories</p> <p>Always on temperature display; Audible and visual temperature alarms with high and low alarms aligned with WHO limits; 120 days local data storage; 30-day report of temperature history available as a pdf by scanning QR code on refrigerator; Handle with in-built lock; Instruction manual; Replaceable lid gaskets; Baskets (6): 37.0 x 30.5 x 21.5cm = 17L</p>		

VERIFICATION

Verification Report Reference		300-KLAB-14-148	
Shipping volume (m3)	1.2	Price 1	>100 €6,160.00 per unit including solar system
Shipping weight (kg)	171.00	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14000
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-049
Description:	Solar Direct Drive Refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	medicalref@godrej.com.invalid
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 50DC SDD	Country of Manufacture	India
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	750.00
External dimensions width (mm)	795.00	EnergyConsump.Continuous Power(kWh/24h)	0.85
External dimensions height (mm)	1215.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	47.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	60.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) (ii) Has a built in intelligent temperature control, early warning and energy management system (iii) Unit requires addition of clean drinking water during installation, contact manufacturer for information (iv) Price includes solar array (2 x 250 Wp, 24V solar panels) and 'plug & play' system/structure PQS number: E003/049 Autonomy: 134.8 External dimensions: 121.5 X 79.5 X 75 Hold over time (hou:mn): 119.2 Quality standard: ISO 9001:2008 Shipping volume: 0.9 ref 0.4 Shipping weight: 125 ref 95 (olar ytem) Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 101 - 250 hou Range vaccine storage capacity: 25L - 60L Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Solar Direct Drive Refrigerator
List of accessories	Included in price: 2 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, Surge Protector, 30 days temperature monitoring system. Optional (charged extra): Extra wire shelves", RTMD (E006/036), Energy harvesting system.

VERIFICATION

Verification Report Reference	CE-JOB-DEL-14-000503-GVR50DC
--------------------------------------	------------------------------

Price 1	3450 USD per unit, including solar system	Price 2	3400 USD per unit: 10 to 99 units with solar sytem
Year of base price	2016	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-050
Description:	Solar Direct Drive Refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	medicalref@godrej.com.invalid
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 100 DC (SureChill®)	Country of Manufacture	India
--------------------------------	-------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
External dimensions length (mm)	750.00	External dimensions width (mm)	795.00
External dimensions height (mm)	1820.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	99.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	121.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK)</p> <p>(ii) Has a built in intelligent temperature control, early warning and energy management system</p> <p>(iii) Unit requires addition of clean drinking water during installation, contact manufacturer for information</p> <p>(iv) Price includes solar array (2 x 250 Wp, 24V solar panels) and 'plug & play' system/structure</p> <p>PQS number: E003/050</p> <p>Autonomy: 175.95</p> <p>External dimensions: 182 x 79.5 x 75 cm</p> <p>Quality standard: ISO 9001:2008</p> <p>Shipping volume: 1.3 ref 0.4</p> <p>Shipping weight: 160 ref 115</p> <p>Device sub-category: Solar Direct Drive</p> <p>Type of appliance: Solar direct drive refrigerator</p> <p>Range of holdover time: 101 - 250 hou</p> <p>Range vaccine storage capacity: 90L - 150L</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: N/A</p> <p>Waterpack storage capacity: N/A</p> <p>Title: Solar Direct Drive Refrigerator</p>
List of accessories	<p>Included in price: 2 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, Surge Protector, 30 days temperature monitoring system.</p> <p>Optional (charged extra): Extra wire shelves", RTMD (E006/036), Energy harvesting system.</p>

VERIFICATION

Verification Report Reference	CE-JOB-DEL-14-000503-GVR 100 DC
--------------------------------------	---------------------------------

Price 1	4815 USD with including solar system	Price 2	4710 USD for 10 to 99 units with solar system
Year of base price	2016	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-057
Description:	Solar Direct Drive Combined Refrigerator/Freezer
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTCD-160-SDD	Country of Manufacture	China
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	825.00
External dimensions width (mm)	865.00	External dimensions height (mm)	1695.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	100.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	120.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.08	Waterpack storage capacity (Litres)	10.68
Freezer's gross volume (Litres)	40.00		

Comments	Prices include solar system 1. Display: Solar LED Temperature Display 2. Voltage of Solar panel: 24V 3. Power of Solar Panel: 255W*3 4. Optional: Remote temperature monitoring device Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 101 - 250 hours Range vaccine storage capacity: 90L - 150L Range waterpack storage capacity: 20
List of accessories	2 shelves; 2 padlocks; Instruction manual; Water injection device; Water preservative

VERIFICATION

Verification Report Reference		WB-15-227	
Shipping volume (m3)	1.69	Price 1	1-100units USD 7337
Shipping weight (kg)	197.00	Price 2	>100units USD 6400
Year of base price	2021	Incoterms	FCA

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-059
Description:	Solar Direct Drive vaccine refrigerator
Manufactured in:	United Kingdom
Company:	Dulas Ltd
Contact Information	
Address:	Dyfi Eco Parc Machynlleth Powys SY20 8AX United Kingdom United Kingdom of Great Britain and Northern Ireland
Telephone:	+44 (0)7833 297920
Email:	catherine.mclennan@dulas.org.uk
Web address:	http://www.dulassolar.org/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VC88SDD	Country of Manufacture	United Kingdom
--------------------------------	---------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	91:39
External dimensions length (mm)	750.00	Energy consumption (cool down) (kWh/24h)	0.52
External dimensions width (mm)	1280.00	EnergyConsump.Continuous Power(kWh/24h)	0.51
External dimensions height (mm)	980.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	88.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	205.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Dulas VC88SDD (solar direct drive) vaccine refrigerator. Integrated PCM internal lining used as part of Dulas's Freeze Free technology. Features include lockable handle, twin gasket seals, high strength metal hinges and heavy duty castors.</p> <p>Price includes plug and play solar array and mounting system, as well as solar cables, connectors, fixings and earthing kit (for increased protection against lightning strike). Selection of specialist tools supplied with the system to facilitate installation.</p> <p>Beyond RTMD integrated as standard with display, audible and visual alarm indicators, 120-day local data storage and scannable QR code for instant 30-day PDF reports.</p> <p>Optional remote temperature monitoring subscription service available via cellular network which provides real-time monitoring and reporting of cold chain assets in one easy-to-use cloud-based portal.</p> <p>Shipping weights and volumes are shown for refrigerator only. Details of solar system available upon request.</p>
List of accessories	<p>Supplied with 4 x refrigerator baskets, 2 x keys for the lockable handle, 1 x set of printed manuals ('user's manual', 'installation and technician's manual') available in a selection of languages.</p> <p>Price includes Berlinger Fridge-tag 2 E 30-day electronic temperature logger (E006/040).</p>

VERIFICATION

Verification Report Reference	300-KLAB-13-194-2		
Shipping volume (m3)	1.32	Price 1	€4,210 EUR per unit including solar system
Shipping weight (kg)	194.00	Year of base price	2024
Incoterms	EXW	Quality Standard	Other

Specification Reference	Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2	Quality standard (Other)	ISO 9001:2015; ISO 14000:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-060
Description: Vaccine/waterpack freezer
Manufactured in: China
Company: Qingdao Aucma Global Medical Co.,Ltd.

Contact Information

Address: 315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
Telephone: +86 532 86763602
Email: lishouda@aucma.com.cn
Web address: <http://aucmaglobal.com.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	DW-25W147	Country of Manufacture	China
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	6:44
External dimensions length (mm)	880.00	Energy consumption (cool down) (kWh/24h)	2.81
External dimensions width (mm)	595.00	EnergyConsump.Continuous Power(kWh/24h)	3.31
External dimensions height (mm)	790.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	96.00	Refrigerant type	R600a
--	-------	------------------	-------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	14.50	Waterpack storage capacity (Litres)	19.40
Freezer's gross volume (Litres)	147.00		

Comments Freezer net volume: 50 - 110 L
Freezing capacity range: 5 - 15 kg/24h
Range of holdover time: 6 - 25 hours
Range vaccine storage capacity: 90L - 150L
Range waterpack storage capacity: 20

List of accessories 0

VERIFICATION

Verification Report Reference	WB-14-039		
Shipping volume (m3)	0.41	Price 1	1-99 units, USD 450
Shipping weight (kg)	45.00	Price 2	100-199 units, USD 430
Year of base price	2016	Incoterms	EXW

Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-061
Description:	Vaccine/Waterpack freezer
Manufactured in:	China
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Contact Information	
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Web address:	http://aucmaglobal.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	DW-25W300	Country of Manufacture	China
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	58:36
External dimensions length (mm)	945.00	Energy consumption (cool down) (kWh/24h)	3.54
External dimensions width (mm)	790.00	EnergyConsump.Continuous Power(kWh/24h)	3.37
External dimensions height (mm)	1226.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	240.00	Refrigerant type	R600a
Solar radiation ref period (kWh/m2/day)	1.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	38.30	Freezer's gross volume (Litres)	300.00
--	-------	--	--------

Comments	PQS number: E003/061 External dimensions: 1226x790x945 mm Hold over time (hou:mn): 58hr 36Mins Quality standard: ISO 9001:2008 Device sub-category:Non-solar Type of appliance: Vaccine/waterpacks freezer Freezer net volume: 220 - 300 L Freezing capacity range: > 15 kg/24h Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 220L - 250L Range waterpack storage capacity: > 200 Test temperature: +43°C Waterpack freezing capacity: 38.3kg/24h Waterpack storage capacity: 44.3kg Title: Waterpack freezer		
List of accessories	0		

VERIFICATION

Verification Report Reference		WB-14-041	
Shipping volume (m3)	0.92	Price 1	1-99 units, USD 540
Shipping weight (kg)	75.00	Price 2	100-199 units, USD 520
Year of base price	2016	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2	Quality standard (Other)	ISO 9001:2008
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-066
Description: Icelined refrigerator
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 4000 AC	Country of Manufacture	Luxembourg
--------------------------------	-------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	220-240V 50/60Hz	Hold over time (hours:mn)	77:18
External dimensions length (mm)	780.00	Energy consumption (cool down) (kWh/24h)	1.24
External dimensions width (mm)	1625.00	EnergyConsump.Continuous Power(kWh/24h)	0.85
External dimensions height (mm)	915.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	240.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	249.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments Optionally available: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to all requirements of the WHO PQS E006/TR03.2 except for the LCD display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 years. For more information and further conditions of warranty, please contact B Medical Systems. Optionally available in 115V/60Hz. Delivered with a 30-day temperature recorder as standard

Range of holdover time: 51 - 100 hours

List of accessories 6 baskets; 2 keys; 1 brush; 2 spacers; documentation

VERIFICATION

Verification Report Reference	WHO 15-034 corr 2
--------------------------------------	-------------------

Shipping volume (m3)	1.39	Price 1	>100 units incl. a 30DTR 3953 €
Shipping weight (kg)	183.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 14001:2015; ISO 9001:2015

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-067
Description:	Solar direct drive refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 15R SDD	Country of Manufacture	Luxembourg
--------------------------------	-------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	730.00
Energy consumption (cool down) (kWh/24h)	0.43	External dimensions width (mm)	730.00
EnergyConsump.Continuous Power(kWh/24h)	0.43	External dimensions height (mm)	950.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	16.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	27.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years. For more information and further conditions of warranty, please contact B Medical Systems.
-----------------	---

Range of holdover time: 26 - 50 hours
Range vaccine storage capacity: Less than 25L

List of accessories	2 baskets; 2 keys; 1 brush; 2 spacers; documentation, lockable lid, compass
----------------------------	---

VERIFICATION

Verification Report Reference	WHO-16-002/16-003		
Shipping volume (m3)	0.65	Price 1	> 100 units: G1: 4882€; G2: 5219 €
Shipping weight (kg)	94.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 9001:2015; ISO 14001:2015

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-068
Description:	Solar Direct Drive refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 40R SDD	Country of Manufacture	Luxembourg
--------------------------------	-------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	93:24
External dimensions length (mm)	780.00	Energy consumption (cool down) (kWh/24h)	0.67
External dimensions width (mm)	1030.00	EnergyConsump.Continuous Power(kWh/24h)	0.57
External dimensions height (mm)	900.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	36.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	47.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 25L - 60L</p>		
List of accessories	1 basket; 2 keys; 1 brush; 1 pan for drain; documentation, lockable lid, 2 spacers, 1 compass		

VERIFICATION

Verification Report Reference	WHO-13-024 V2		
Shipping volume (m3)	0.88	Price 1	> 100 units: G1: 5576 €; G2: 5990 €
Shipping weight (kg)	129.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other

Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 14001:2015; ISO:9001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code: E003-069
Description: Solar direct drive refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 024 SDD	Country of Manufacture	Denmark
--------------------------------	-------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	91:17
External dimensions length (mm)	645.00	Energy consumption (cool down) (kWh/24h)	0.25
External dimensions width (mm)	555.00	EnergyConsump.Continuous Power(kWh/24h)	0.25
External dimensions height (mm)	830.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	26.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	36.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/069</p> <p>Autonomy: 81.7 hou</p> <p>External dimensions: 83.0 x55.5 x 64.5 cm</p> <p>Hold over time (hou:mn): 91h 17min</p> <p>Quality standard: ISO 9001:2008;#ISO 14001</p> <p>Device sub-category:Solar Direct Drive</p> <p>Type of appliance: Solar direct drive refrigerator</p> <p>Range of holdover time: 51 - 100 hou</p> <p>Range vaccine storage capacity: 25L - 60L</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: N/A</p> <p>Waterpack storage capacity: N/A</p> <p>Title: Solar direct drive refrigerator</p>		
	<p>Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate</p>		
List of accessories			

VERIFICATION

Verification Report Reference		300-KLAB-15-174	
Shipping volume (m3)	0.63	Price 1	1-99 units: 2,804 €
Shipping weight (kg)	75.00	Price 2	100-199 units:2598 €
Year of base price	2020	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-070
Description:	Combined icelined refrigerator/waterpacks freezer
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com.invalid
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 064 RF AC	Country of Manufacture	Denmark
--------------------------------	---------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	EnergyConsump.DuringFreezing(kWh/24h)	1.80
Hold over time (hours:mn)	45:00	External dimensions length (mm)	710.00
Energy consumption (cool down) (kWh/24h)	1.51	External dimensions width (mm)	725.00
EnergyConsump.Continuous Power(kWh/24h)	0.63	External dimensions height (mm)	845.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	53.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	75.00	Solar radiation ref period (kWh/m2/day)	1.00

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.60	Freezer's gross volume (Litres)	5.10
--	------	--	------

Comments	<p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>VLS 064 RF AC imodel is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/070</p> <p>External dimensions: 84.5 x 72.5x 71.0 cm</p> <p>Hold over time (hou:mn): 45 hou</p> <p>Quality standard: ISO 9001:2008;#ISO 14001</p> <p>Device sub-category:Non-solar</p> <p>Type of appliance: Combined icelined refrigerator/waterpacks freezer</p> <p>Freezer net volume: 50 L</p> <p>Freezing capacity range: 5 kg/24h</p> <p>Range vaccine storage capacity: 60L - 90L</p> <p>Range waterpack storage capacity: 20</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: 1.6Kg</p> <p>Waterpack storage capacity: 6 x 0.6L</p> <p>Title: Combined icelined refrigerator/waterpacks freezer</p>
List of accessories	<p>1 x Vaccine storage top basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; 1 x Holder for temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate</p>

VERIFICATION

Verification Report Reference		300-KLAB-15-181	
Shipping volume (m3)	1.58	Price 1	1-99 units: 1,295 €
Shipping weight (kg)	98.00	Year of base price	2020
Incoterms	FCA	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-071
Description: Waterpacks freezer
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TFW 3000 AC	Country of Manufacture	Luxembourg
-------------------------	-------------	------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
External dimensions length (mm)	780.00	Energy consumption (cool down) (kWh/24h)	2.20
External dimensions width (mm)	1270.00	EnergyConsump.Continuous Power(kWh/24h)	2.15
External dimensions height (mm)	910.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R290	Solar radiation ref period (kWh/m2/day)	1.00
------------------	------	---	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer's gross volume (Litres)	204.00
---------------------------------	--------

Comments This appliance is a waterpacks fast freezer - it uses propane as a coolant.
PQS number: E003/071
External dimensions: 91.0 x 127.0 x 78.0
Quality standard: ISO 9001:2008;#ISO 13485;#ISO 14001
Device sub-category:Non-solar
Type of appliance: Waterpacks freezer
Freezer net volume: 110 - 220 L
Freezing capacity range: > 15 kg/24h
Range vaccine storage capacity:
Range waterpack storage capacity: 101 - 200
Test temperature: +43°C
Waterpack freezing capacity: 54 x 0.6L - 32kg/24h
Waterpack storage capacity: 162 x 0.6 L
Title: Waterpacks freezer

List of accessories 6 baskets; 54 waterpacks 0.6 L; 2 keys; 1 brush; 2 spacers, documentation

VERIFICATION

Verification Report Reference	WHO 16-001
-------------------------------	------------

Shipping volume (m3)	1.07	Price 1	> 100 units: 2,622 €
Shipping weight (kg)	126.00	Year of base price	2019
Incoterms	EXW	Quality Standard	ISO 13485;Other

Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-072
Description: Icelined refrigerator
Manufactured in: United Kingdom
Company: Dulas Ltd

Contact Information

Address: Dyfi Eco Parc Machynlleth Powys SY20 8AX United Kingdom
United Kingdom of Great Britain and Northern Ireland
Telephone: +44 (0)7833 297920
Email: catherine.mclennan@dulas.org.uk
Web address: <http://www.dulassolar.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VC225ILR	Country of Manufacture	United Kingdom
--------------------------------	----------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	94:00
External dimensions length (mm)	740.00	Energy consumption (cool down) (kWh/24h)	0.76
External dimensions width (mm)	1282.00	EnergyConsump.Continuous Power(kWh/24h)	0.80
External dimensions height (mm)	980.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	184.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	203.00		

Comments	<p>Supplied as standard with Integrated Beyond ICE3 BC141 Remote Temperature Monitoring Device. Fully compliant to WHO PQS E006/TR03.2. See separate registration E006/036 for full details. Beyond's Remote Temperature Monitoring System (RTMS) provides real-time monitoring and reporting of cold chain assets in one easy to use cloud-based portal. Accessible via PC or Smartphone App and able to connect to any existing Beyond cold chain management system. PQS price includes BC141 hardware integrated to every refrigerator.</p> <p>ColdCloud subscription services are an optional extra cost that can be added at purchase or retrospectively, and remotely activated without additional installation costs. For more information contact Dulas Ltd.</p> <p>Integrated PCM internal lining used as part of Dulas Freeze Free technology. PCM lining complies with WHO/PQS/ E005/PCMC0.1 specification.</p> <p>Includes Dulas PS-ILR-002XT extended range voltage stabiliser and power supply, with input range 110-280V (optionally 82V-159V available). PQS prequalified according to E007/VS01.5 with MCOV of 415V PQS number: E003/072 Autonomy: N/A Energy consumption (cool down) kWh/24 h: 0.764 EnergyConsump.IntermittentPower(kWh/24h): 1.3520.653 EnergyConsump.ContinuousPower(kWh/24h): 0.803 External dimensions: 98 x 128.2 x 74.0 cm Hold over time (hou:mn): 94 Quality standard: ISO 9001:2008;#Other;#ISO 14000 Device sub-category:Non-solar Type of appliance: Icelined refrigerator Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 150L - 220L Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Icelined refrigerator</p>		
	<p>List of accessories</p> <p>Always on temperature display; Audible and visual temperature alarms with high and low alarms aligned with WHO limits; 120 days local data storage; 30-day report of temperature history available as a pdf by scanning QR code on refrigerator; Handle with in-built lock; Instruction manual; Replaceable lid gaskets.</p>		

VERIFICATION

Verification Report Reference		300-KLAB-16-110	
Shipping volume (m3)	1.29	Price 1	>100 units €2,860.00 per unit
Shipping weight (kg)	172.00	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14000
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-073
Description:	Solar Direct Drive Waterpacks Freezer
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsystems.com
Web address:	www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TFW 40 SDD	Country of Manufacture	Luxembourg
--------------------------------	------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
EnergyConsump.DuringFreezing(kWh/24h)	0.64	External dimensions length (mm)	780.00
Energy consumption (cool down) (kWh/24h)	0.59	External dimensions width (mm)	1030.00
EnergyConsump.Continuous Power(kWh/24h)	0.59	External dimensions height (mm)	900.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	3.50
-------------------------	-------	--	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.16	Waterpack storage capacity (Litres)	11.24
Freezer's gross volume (Litres)	64.00		

Comments	Prices include the solar system: Generator 1 = roof fixed; Generator 2 = roof adjustable Energy sources: nominal 12 V DC solar electric array. Minimum power 250 watts at solar radiation reference period 3.5 kWh/m2/day Freezer net volume: 50 - 110 L Range freezing capacity: 5 kg/24h Range waterpack storage capacity: 20 - 100L Waterpack storage capacity: 11.24 kg (20 Waterpacks)		
List of accessories	8 waterpacks 0.6 L; 8 waterpacks holders; 2 keys; 1 brush; 2 spacers; documentation, lockable lid, 1 compass		

VERIFICATION

Verification Report Reference	WHO-15036 corr 1		
Shipping volume (m3)	0.88	Price 1	> 100 units: G1:5281 €; G2: 5620 €
Shipping weight (kg)	119.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other

Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 9001:2015; ISO 14001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-074
Description: Solar direct drive refrigerator/freezer
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: wenming.wang@haierbiomedical.com.invalid
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTCD 90 SDD	Country of Manufacture	China
-------------------------	-------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	1128.00
Energy consumption (cool down) (kWh/24h)	0.97	External dimensions width (mm)	875.00
EnergyConsump.Continuous Power(kWh/24h)	0.91	External dimensions height (mm)	720.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	38.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	58.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.43	Waterpack storage capacity (Litres)	12.00
Freezer's gross volume (Litres)	32.00		

Comments	180W x 4 or 360Wx 2 Solar Panel power Price includes 30 days temperature logger PQS number: E003/074 Autonomy: 114.9 External dimensions: 720 mm x 875mm x 1128mm Hold over time (hou:mn): 137 Quality standard: ISO 9001:2008;#ISO 13485;#ISO 14001 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive combined refrigerator/freezer Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 101 - 250 hou Range vaccine storage capacity: 25L - 60L Range waterpack storage capacity: 20 Test temperature: +43°C Waterpack freezing capacity: 2.43 Kg/24h Waterpack storage capacity: 12 Title: Solar direct drive refrigerator/freezer
----------	---

List of accessories Baskets; manuals; keys

VERIFICATION

Verification Report Reference		WB-16-153	
Shipping volume (m3)	0.98	Price 1	Price: USD 5275
Shipping weight (kg)	113.00	Price 2	>100units USD 4656
Year of base price	2023	Incoterms	FCA
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-075
Description:	Solar direct drive refrigerator
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	wenming.wang@haierbiomedical.com.invalid
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTC 40 SDD	Country of Manufacture	China
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	788.00
External dimensions width (mm)	875.00	EnergyConsump.Continuous Power(kWh/24h)	0.71
External dimensions height (mm)	720.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	23.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	40.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Prices include solar system; 24V solar Panel; 180W x2 Or 360Wx1 Solar Panel power1. Display: Solar LED Temperature Display 2. 2 baskets 3. Optional: Remote temperature monitoring device PQS number: E003/075 Autonomy: 117 External dimensions: 720x875x788mm Hold over time (hou:mn): 122 Quality standard: ISO 9001:2008;#ISO 13485;#ISO 14001 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 101 - 250 hou Range vaccine storage capacity: Less than 25L Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Solar direct drive refrigerator
List of accessories	2 baskets; manuals; keys

VERIFICATION

Verification Report Reference		WB-16-151	
Shipping volume (m3)	0.7	Price 1	1-100units USD 2550

Shipping weight (kg)	82.00	Price 2	>100units USD 2450
Year of base price	2016	Incoterms	FCA
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-076
Description: Solar direct drive refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: wenming.wang@haierbiomedical.com.invalid
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTC 110 SDD	Country of Manufacture	China
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	1128.00
External dimensions width (mm)	875.00	EnergyConsump.Continuous Power(kWh/24h)	0.61
External dimensions height (mm)	720.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	59.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	110.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Prices include solar system; 24V Solar Panel s, comments:Power of Solar Panel : Specification ref 180W x 2 or 360W x 1; 1. Display: Solar LED Temperature Display 2. 4 baskets 3. Optional: Remote temperature monitoring device PQS number: E003/076 Autonomy: 96 External dimensions: 720*875*1128mm Hold over time (hou:mn): 106 Quality standard: ISO 9001:2008;#ISO 13485;#ISO 14001 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 101 - 250 hou Range vaccine storage capacity: 25L - 60L Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Solar direct drive refrigerator
List of accessories	4 baskets; manuals; keys

VERIFICATION

Verification Report Reference		WB-16-152	
Shipping volume (m3)	0.98	Price 1	1-100units USD 2900

Shipping weight (kg)	105.00	Price 2	>100units USD 2800
Year of base price	2021	Incoterms	FCA
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-077
Description:	Solar Direct Drive Refrigerator and Freezer
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW15 SDD	Country of Manufacture	Luxembourg
--------------------------------	-----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezi ng(kWh/24h)	0.69
External dimensions length (mm)	730.00	Energy consumption (cool down) (kWh/24h)	0.50
External dimensions width (mm)	730.00	EnergyConsump.Continuous Power(kWh/24h)	0.50
External dimensions height (mm)	950.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	16.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	27.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.97	Waterpack storage capacity (Litres)	2.40
Freezer's gross volume (Litres)	2.40		

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 25L Range waterpack storage capacity: 20 Waterpack storage capacity: 4 x 0.6L</p>
List of accessories	2 baskets; 4 water-packs 0.6 L; 4 water-pack holders; 2 keys; 1 brush; 2 spacers; documentation; lockable lid; 1 compass

VERIFICATION

Verification Report Reference		WHO 16-014	
Shipping volume (m3)	0.65	Price 1	> 100 units: G1: 4923 €; G2: 5260 €
Shipping weight (kg)	87.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: PQS/E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3	Quality standard (Other)	ISO 9001:2015; ISO 14001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-079
Description: Ice-lined refrigerator
Manufactured in: China
Company: Qingdao Aucma Global Medical Co.,Ltd.

Contact Information

Address: 315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
Telephone: +86 532 86763602
Email: lishouda@aucma.com.cn
Web address: <http://aucmaglobal.com.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CFD-50	Country of Manufacture	China
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;Electric Mains 115/60Hz	External dimensions length (mm)	655.00
Energy consumption (cool down) (kWh/24h)	0.77	External dimensions width (mm)	545.00
EnergyConsump.Continuous Power(kWh/24h)	0.54	External dimensions height (mm)	1588.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	50.00	Refrigerant type	R290
Refrigerator's gross volume (Litres)	68.00		

Comments

The CFD-50 MetaFridge™ provides safe vaccine storage for health facilities, even in locations that may experience unstable or minimal mains power and extreme ambient temperatures. The robust design includes an integrated voltage stabilizer that protects MetaFridge™ from voltage spikes and brownouts that damage refrigerators. Extensively tested ColdSafe™ technology keeps vaccines cold through multi-day power outages with no risk of freezing. The onboard MetaFridge™ information panel with integrated 30 DTR provides a range of alerts, including low remaining holdover time, to users and remote supervisors.

- Requires only 3 hours of power per 24 hours to maintain full 5-day holdover capacity at 43 °C ambient.
 - Includes a built-in surge protection and voltage stabilizer with input range 82-290V. (PQS prequalified in E007/VS01.3)
 - Includes a built-in 30-day electronic refrigerator temperature logger that stores and displays temperature and alarm history. (PQS prequalified in E006/TR06.3). MetaFridge also displays remaining holdover time.
 - Includes an integrated connection to an optional remote monitoring module that transmits temperature data and other key performance metrics. (Hardware and data services package are PQS prequalified in E006/TR03.2.) Contact manufacturer for additional information.)
 - Unit requires the addition of 32 liters of clean drinking water during installation.
- More information on ColdSafe™ and other MetaFridge™ technologies is available at www.metafridge.com

Autonomy: N/A

External dimensions: 158.8 x 54.5 x 65.5 cm

Hold over time (hou:mn): 120 hou

Quality standard: ISO 9001:2008;#ISO 14001;#OHSAS 18001

Device sub-category:Non-solar

Type of appliance: Icelined refrigerator

Range of holdover time: 101 - 250 hou

Range vaccine storage capacity: 25L - 60L

Test temperature: +43°C

Waterpack freezing capacity: N/A

Waterpack storage capacity: N/A

Title: Icelined refrigerator

List of accessories

Included in price: integrated PQS prequalified voltage stabilizer, integrated PQS prequalified 30 DTR, 2 vaccine storage trays; 3 wire shelves; 2 sets of locks & keys; 1 funnel; documentation
Optional: additional vaccine trays, remote monitoring module and data services package

VERIFICATION

Verification Report Reference		WB-16-217	
Shipping volume (m3)	0.77	Price 1	1 – 99 units: 1,400USD
Shipping weight (kg)	108.00	Price 2	100 or more units: 1,300USD
Year of base price	2016	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2
Quality standard (Other)	ISO 9001:2008;ISO 14001;OHSAS 18001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-080
Description:	Ice-lined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 51 LITE AC	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;Electric Mains 115/60Hz	Hold over time (hours:mn)	89:43
External dimensions length (mm)	774.00	Energy consumption (cool down) (kWh/24h)	2.04
External dimensions width (mm)	618.00	EnergyConsump.Continuous Power(kWh/24h)	1.63
External dimensions height (mm)	1515.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	51.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	69.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) (ii) Has a built in intelligent temperature control, early warning and energy management system (iii) Unit requires addition of clean drinking water during installation, contact manufacturer for information (iv) "Our Refrigerator is equipped with 2 type of Integrated Voltage Stabilizer depending upon country's power requirement: 1) 220-240V 50/60Hz with extended Voltage Range of 110-278V or 2) 110V/60Hz with voltage range extended upto 82V-159V. It can also operates at 50Hz frequency with voltage range of 102V-130V Hold over time (hou:mn): 89 hou 43 mins Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 25L - 60L
-----------------	---

List of accessories

Included in price: wire shelves; 1 Padlock; 1 Funnel, plywood packaging, 30 days temperature monitoring system.
Inbuilt Voltage Stabilizer:
Option 1: for 220-240V 50/60 Hz nominal input/output with input voltage regulation range 110V-278V/50/60Hz
Option 2: for 100-127V 60 Hz nominal input/output with input voltage regulation range 82V-159V/60Hz.
Option 3: for 100-127V, 50 Hz nominal input/output with input voltage regulation range 102V-130V/50Hz.
Optional (charged extra): Extra wire shelves, RTMD (E006/036)

VERIFICATION

Verification Report Reference		CE-JOB-DEL-16-000501-GVR 51 Lite	
Shipping volume (m3)	0.86	Price 1	USD 900
Shipping weight (kg)	115.00	Price 2	USD 880
Year of base price	2016	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-081
Description:	Ice-lined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 75 Lite	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 115/60Hz;Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	81:00
External dimensions length (mm)	774.00	Energy consumption (cool down) (kWh/24h)	2.77
External dimensions width (mm)	618.00	EnergyConsump.Continuous Power(kWh/24h)	1.47
External dimensions height (mm)	1515.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	73.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	99.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>"(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) guarantees never to freeze vaccines</p> <p>(ii) Data loggers records up to 30 days temperature reading with 5 customizable temperature alarm settings</p> <p>(iii) Has a built in intelligent temperature control, early warning and energy management system</p> <p>(iv) Unit requires addition of clean drinking water during installation,"</p> <p>(v) "Our Refrigerator is equipped with 2 type of Integrated Voltage Stabilizer depending upon country's power requirement:</p> <p>1) 220-240V 50/60Hz with extended Voltage Range of 110-278V or</p> <p>2) 110V/60Hz with voltage range extended upto 82V-159V. It can also operates at 50Hz frequency with voltage range of 102V-130V</p> <p>Range of holdover time: 51 - 100 hours</p> <p>Range vaccine storage capacity: 60L - 90L</p>
-----------------	---

List of accessories	<p>Included in price: wire shelves; 1 Padlock; 1 Funnel, plywood packaging, 30 days temperature monitoring system.</p> <p>Inbuilt Voltage Stabilizer:</p> <p>Option 1: for 220-240V 50/60 Hz nominal input/output with input voltage regulation range 110V-278V/50/60Hz</p> <p>Option 2: for 100-127V 60 Hz nominal input/output with input voltage regulation range 82V-159V/60Hz.</p> <p>Option 3: for 100-127V, 50 Hz nominal input/output with input voltage regulation range 102V-130V/50Hz.</p> <p>Optional (charged extra): Extra wire shelves, RTMD (E006/036)</p>
----------------------------	--

VERIFICATION

Verification Report Reference		CE-JOB-DEL-16-000501-GVR 75 Lite	
Shipping volume (m3)	0.86	Price 1	Price 1 (1-10 Units) - USD 972
Shipping weight (kg)	115.00	Price 2	Price 2 (10-99 Units) - USD 950
Year of base price	2016	Quality Standard	Other
Specification Reference	<p>Applicable PQS specification: PQS/E003/RF03.2</p> <p>Applicable PQS VP(s): E003/RF03-VP.2</p>	Quality standard (Other)	ISO 9001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-082
Description:	Ice-lined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 99 Lite	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 115/60Hz;Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	59:34
External dimensions length (mm)	774.00	Energy consumption (cool down) (kWh/24h)	1.73
External dimensions width (mm)	618.00	EnergyConsump.Continuous Power(kWh/24h)	1.23
External dimensions height (mm)	1700.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	99.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	124.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>"(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) guarantees never to freeze vaccines</p> <p>(ii) Data loggers records up-to 30 days temperature reading with 5 customizable temperature alarm settings</p> <p>(iii) Has a built in intelligent temperature control, early warning and energy management system</p> <p>(iv) Unit requires addition of clean drinking water during installation,"</p> <p>(v) "Our Refrigerator is equipped with 2 type of Integrated Voltage Stabilizer depending upon country's power requirement:</p> <p>1) 220-240V 50/60Hz with extended Voltage Range of 110-278V or</p> <p>2) 110V/60Hz with voltage range extended up-to 82V-159V. It can also operates at 50Hz frequency with voltage range of 102V-130V</p> <p>Range of holdover time: 51 - 100 hours</p> <p>Range vaccine storage capacity: 90L - 150L</p>
-----------------	---

List of accessories	Included in price: wire shelves; 1 Padlock; 1 Funnel, plywood packaging, 30 days temperature monitoring system. Inbuilt Voltage Stabilizer: Option 1: for 220-240V 50/60 Hz nominal input/output with input voltage regulation range 110V-278V/50/60Hz Option 2: for 100-127V 60 Hz nominal input/output with input voltage regulation range 82V-159V/60Hz. Option 3: for 100-127V, 50 Hz nominal input/output with input voltage regulation range 102V-130V/50Hz. Optional (charged extra): Extra wire shelves, RTMD (E006/036)
----------------------------	---

VERIFICATION			
Verification Report Reference		CE-JOB-DEL-16-000501-GVR 99 Lite	
Shipping volume (m3)	0.95	Price 1	Price 1 (1-10 Units) - USD 1400
Shipping weight (kg)	125.00	Price 2	Price 2 (10-99 Units) - USD 1350
Price 3	Price 3 (100+ Units) - USD 1300	Year of base price	2024
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-083
Description:	Ice-lined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 225 AC	Country of Manufacture	India
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 115/60Hz;Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	55:00
External dimensions length (mm)	750.00	Energy consumption (cool down) (kWh/24h)	2.38
External dimensions width (mm)	795.00	EnergyConsump.Continuous Power(kWh/24h)	2.04
External dimensions height (mm)	1830.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	225.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	278.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>"(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK)</p> <p>(ii) Refrigerator operates on only 2.5 hrs/day power at ?????°C ambient, post stabilization</p> <p>(iii) Has a built in intelligent temperature control, early warning and energy management system</p> <p>(iv) Unit requires addition of clean drinking water during installation, contact manufacturer for information"</p> <p>(v) "Our Refrigerator is equipped with 2 type of Integrated Voltage Stabilizer depending upon country's power requirement:</p> <p>1) 220-240V 50/60Hz with extended Voltage Range of 110-278V or</p> <p>2) 110V/60Hz with voltage range extended upto 82V-159V. It can also operates at 50Hz frequency with voltage range of 102V-130V</p> <p>Range of holdover time: 51 - 100 hours</p> <p>Range vaccine storage capacity: 220L - 250L</p>
-----------------	---

List of accessories	<p>Included in price: 3 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, 30 days temperature monitoring system.</p> <p>Inbuilt Voltage Stabilizer:</p> <p>Option 1: for 220-240V 50/60 Hz nominal input/output with input voltage regulation range 110V-278V/50/60Hz</p> <p>Option 2: for 100-127V 60 Hz nominal input/output with input voltage regulation range 82V-159V/60Hz.</p> <p>Option 3: for 100-127V, 50 Hz nominal input/output with input voltage regulation range 102V-130V/50Hz.</p> <p>Optional (charged extra): Extra wire shelves, RTMD (E006/036)</p>
----------------------------	--

VERIFICATION			
Verification Report Reference		CE-JOB-DEL-16-000501-GVR 225AC	
Shipping volume (m3)	1.3	Price 1	Price 1 (1-10 Units) - USD 1500
Shipping weight (kg)	160.00	Price 2	Price 2 (10-99 Units) - USD 1450
Year of base price	2016	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-084
Description:	Solar Direct Drive refrigerator
Manufactured in:	United Kingdom
Company:	Dulas Ltd
Contact Information	
Address:	Dyfi Eco Parc Machynlleth Powys SY20 8AX United Kingdom United Kingdom of Great Britain and Northern Ireland
Telephone:	+44 (0)7833 297920
Email:	catherine.mclennan@dulas.org.uk
Web address:	http://www.dulassolar.org/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VC60SDD	Country of Manufacture	United Kingdom
--------------------------------	---------	-------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	0.95
Hold over time (hours:mn)	94:11	External dimensions length (mm)	750.00
Energy consumption (cool down) (kWh/24h)	0.80	External dimensions width (mm)	1280.00
External dimensions height (mm)	980.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	57.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	124.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.40	Waterpack storage capacity (Litres)	13.80
Freezer's gross volume (Litres)	24.00		

Comments	<p>Dulas VC60SDD (solar direct drive) combined vaccine refrigerator and water-pack freezer. Integrated PCM internal lining used as part of Dulas's Freeze Free technology. Features include lockable handle, twin gasket seals, high strength metal hinges and heavy duty castors. Price includes plug and play solar array and mounting system, as well as solar cables, branch connectors, fixings and earthing kit (for increased protection against lightning strike). Selection of specialist tools supplied with the system to facilitate installation. Beyond RTMD integrated as standard with display, audible and visual alarm indicators, 120-day local data storage and scannable QR code for instant 30-day PDF reports. Optional remote temperature monitoring subscription service available via cellular network which provides real-time monitoring and reporting of cold chain assets in one easy-to-use cloud-based portal. Shipping weights and volumes are shown for refrigerator only. Details of solar system available upon request.</p> <p>Waterpack freezing capacity: 2.4kg or 23 x 0.6L packs Waterpack storage capacity 13.8kg or 23 x 0.6L packs</p>
-----------------	---

List of accessories	Supplied with 4 x refrigerator baskets, 2 x keys for the lockable handle, 1 x set of printed manuals ('user's manual', 'installation and technician's manual') available in a selection of languages. Price includes Berlinger Fridge-tag 2 E 30-day electronic temperature logger (E006/040).
----------------------------	---

VERIFICATION

Verification Report Reference		300-KLAB-16-164	
Shipping volume (m3)	1.2	Price 1	>100 units €5,225.00 per complete system
Shipping weight (kg)	170.00	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: PQS/E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4	Quality standard (Other)	ISO 9001:2008;ISO 14000
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-086
Description: Solar Direct Drive Waterpacks Freezer
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTD-40	Country of Manufacture	China
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
Hold over time (hours:mn)	120	External dimensions length (mm)	788.00
Energy consumption (cool down) (kWh/24h)	0.50	External dimensions width (mm)	875.00
EnergyConsump.Continuous Power(kWh/24h)	0.46	External dimensions height (mm)	720.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	3.50
------------------	-------	---	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.40	Waterpack storage capacity (Litres)	20.00
Freezer's gross volume (Litres)	48.00		

Comments	1. Display: Solar LED Temperature Display 2. 2 baskets 3. Power of Solar Panel: 180W x2 Or 360Wx1 Solar Panel power; 4. Optional: Remote temperature monitoring device Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 101 - 250 hours Range waterpack storage capacity: 20 - 100
List of accessories	1.Instructions 2.Key 3.Handle component 4.Defrosting shovel 5.Waterpack holder 6.0.4L Water-pack

VERIFICATION

Verification Report Reference		WB-16-600	
Shipping volume (m3)	0.7	Price 1	1-100units USD 2800

Shipping weight (kg)	85.00	Price 2	>100units USD 2600
Year of base price	2021	Incoterms	FCA
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/FZ03.1 Applicable PQS VP(s): E003/FZ03-VP.1
Quality standard (Other)	ISO 9001:2008; ISO 14001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-087
Description: Ice-lined Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China

Telephone: +86-532-88935593

Email: tianhui.yu@haierbiomedical.com

Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBC-260	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	62:14
External dimensions length (mm)	717.00	Energy consumption (cool down) (kWh/24h)	1.47
External dimensions width (mm)	1647.00	EnergyConsump.Continuous Power(kWh/24h)	1.62
External dimensions height (mm)	940.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	211.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	260.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments

1. Display: Solar LED Temperature Display
2. 5 baskets
3. Low power consumption
4. Optional: Remote temperature monitoring device
5. Includes voltage stabiliser

Price does not include voltage regulator

Range of holdover time: 26 - 50 hours
Range vaccine storage capacity: 150L - 220L

List of accessories Accessory?1. Instructions 2. Key 3. Handle component 4. Basket 5. Data logger

VERIFICATION

Verification Report Reference	WB-17-165
--------------------------------------	-----------

Shipping volume (m3)	1.43	Price 1	1-100units USD 1360
Shipping weight (kg)	200.00	Price 2	>100units USD 1283
Year of base price	2021	Quality Standard	ISO 13485;Other

Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-088
Description: Ice-lined Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBC-150	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz
Hold over time (hours:mn)	60:50	External dimensions length (mm)	717.00
Energy consumption (cool down) (kWh/24h)	0.62	External dimensions width (mm)	1128.00
EnergyConsump.Continuous Power(kWh/24h)	0.54	External dimensions height (mm)	872.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	122.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	150.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	1. Display: Solar LED Temperature Display 2. 3 baskets 3. Low power consumption 4. Optional: Remote temperature monitoring device Price does not include voltage regulator Range vaccine storage capacity: 90L - 150L		
List of accessories	Accessory?1. Instructions 2. Key 3. Handle component 4. Basket 5. Data logger		

Shipping volume (m3)	0.99	Price 1	1-100units USD 1070
Shipping weight (kg)	140.00	Price 2	> 100units USD999
Year of base price	2021	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: PQS/E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-089
Description: Ice-lined Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBC-80	Country of Manufacture	China
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	59:51
External dimensions length (mm)	717.00	Energy consumption (cool down) (kWh/24h)	0.63
External dimensions width (mm)	788.00	EnergyConsump.Continuous Power(kWh/24h)	0.57
External dimensions height (mm)	872.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	61.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	80.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	1. Display: Solar LED Temperature Display 2. Low power consumption 3. Optional: Remote temperature monitoring device 4. Price not include: Voltage regulator Range of holdover time: 26 - 50 hours Range vaccine storage capacity: 60L - 90L
List of accessories	1. Instructions 2. Key 3. Handle component 4. Basket 5. Data logger

VERIFICATION

Verification Report Reference		WB-17-166	
Shipping volume (m3)	0.71	Price 1	1-100units USD 860
Shipping weight (kg)	110.00	Price 2	>100units USD 788
Year of base price	2021	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: PQS/E003/RF03.3 Applicable PQS VP(s): E003/RF03-VP.3	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-090
Description:	Solar Direct Drive Refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsystems.com
Web address:	www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Ultra 16 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	840.00
Energy consumption (cool down) (kWh/24h)	0.38	External dimensions width (mm)	780.00
EnergyConsump.Continuous Power(kWh/24h)	0.36	External dimensions height (mm)	1120.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	16.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	25.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems</p> <p>Range vaccine storage capacity: 25L</p>		
List of accessories	1 compass; 2 baskets; 2+3 keys; 1 brush; documentation; lockable lid; lockable compartment		

VERIFICATION

Verification Report Reference	WHO 17-002 cor_1/17-007		
Shipping volume (m3)	1.04	Price 1	>100 units: G1: 6587 €; G2: 7037 €
Shipping weight (kg)	196.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4	Quality standard (Other)	ISO 14001:2015; ISO 9001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-091
Description:	Solar Direct Drive Refrigerator and Freezer
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 026 RF SDD	Country of Manufacture	Denmark
--------------------------------	----------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	1.08
External dimensions length (mm)	650.00	Energy consumption (cool down) (kWh/24h)	1.06
External dimensions width (mm)	1110.00	External dimensions height (mm)	880.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	20.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	35.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.80	Waterpack storage capacity (Litres)	17.40
Freezer's gross volume (Litres)	34.30		

Comments	<p>Prices include 2 x Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu</p> <p>Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 25L - 60L Range waterpack storage capacity: 20L</p>
List of accessories	Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages

VERIFICATION

Verification Report Reference		300-KLAB-17-118	
Shipping volume (m3)	0.92	Price 1	1-99 units - 4,751 €
Shipping weight (kg)	141.00	Price 2	100-199 units - 4,482 €
Year of base price	2020	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4
Quality standard (Other)	ISO 9001:2015; ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-092
Description:	Solar Direct Drive Refrigerator and Freezer
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 056 RF SDD	Country of Manufacture	Denmark
--------------------------------	----------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezi ng(kWh/24h)	1.15
External dimensions length (mm)	650.00	Energy consumption (cool down) (kWh/24h)	1.12
External dimensions width (mm)	1110.00	External dimensions height (mm)	880.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	36.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	49.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.80	Freezer's gross volume (Litres)	34.30
--	------	--	-------

Comments	<p>Prices include 2 x Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>Freezer net volume: 50 L Freezing capacity range: 5 kg/24h Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 25L - 60L Range waterpack storage capacity: 20 Waterpack storage capacity: 29 x 0.6L Waterpacks</p>
List of accessories	Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; ; Self regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages

VERIFICATION

Verification Report Reference		300-KLAB-17-119	
Shipping volume (m3)	0.92	Price 1	1-99 units - 5,051 €
Shipping weight (kg)	140.00	Price 2	100-199 units: 4,762 €
Year of base price	2020	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-093
Description:	Solar Direct Drive Refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 4000 SDD	Country of Manufacture	Luxembourg
--------------------------------	--------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	91:16
EnergyConsump.Continuous Power(kWh/24h)	0.84		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	220.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	250.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 2 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems PQS number: E003/093 Autonomy: 91 h 16mins External dimensions: 91,5 x 162,5 x 78 cm Hold over time (hou:mn): 91 hou 16 minutes Quality standard: ISO 13485;#ISO 14001;#ISO 9001 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 51 - 100 hou Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Solar Direct Drive refrigerator
List of accessories	0

VERIFICATION

Verification Report Reference		WHO 17-005	
Shipping volume (m3)	1.36	Price 1	> 100 units: G1: 5767 EUR, G2: 6295 EUR
Shipping weight (kg)	192.00	Year of base price	2019

Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4	Quality standard (Other)	ISO 14001;ISO 9001
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-095
Description:	Solar Direct Drive Refrigerator and Freezer
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	medicalref@godrej.com.invalid
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 55 FF DC	Country of Manufacture	India
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezi ng(kWh/24h)	2.00
External dimensions length (mm)	750.00	Energy consumption (cool down) (kWh/24h)	2.04
External dimensions width (mm)	795.00	External dimensions height (mm)	1830.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	58.00	Refrigerant type	R290
Refrigerator's gross volume (Litres)	90.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack storage capacity (Litres)	14.40	Freezer's gross volume (Litres)	44.00
--	-------	--	-------

Comments	<p>"(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK)</p> <p>(ii) Has a built in intelligent temperature control, early warning and energy management system</p> <p>(iii) Unit requires addition of clean drinking water during installation, contact manufacturer for information</p> <p>(iv) Price includes solar array (1000 W, 24V solar panels) and 'plug & play' system/structure"</p> <p>Autonomy: 283hr 30min</p> <p>External dimensions: 183 cm(H) x 79.5cm(W) x 75cm(D)</p> <p>Quality standard: ISO 9001:2008;#ISO 13485</p> <p>Device sub-category:Solar Direct Drive</p> <p>Type of appliance: Solar direct drive combined refrigerator/freezer</p> <p>Range vaccine storage capacity: 25L - 60L</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: 2.4L/day</p> <p>Waterpack storage capacity: 14.4 L</p> <p>Title: Solar Direct Drive Refrigerator and Freezer</p>
List of accessories	<p>Included in price: 2 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, Surge Protector, 30 days temperature monitoring system.</p> <p>Optional (charged extra): Extra wire shelves", RTMD (E006/036), Energy harvesting system.</p>

VERIFICATION

Verification Report Reference	CE-JOB-DEL-16-0000501-41
--------------------------------------	--------------------------

Shipping volume (m3)	1.73	Price 1	1-99 units - 5995 USD
Shipping weight (kg)	380.00	Price 2	100-199 units: 5875 USD
Year of base price	2018	Incoterms	EXW
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.5
Quality standard (Other)	ISO 9001:2008;		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-097
Description:	Combined Refrigerator and waterpack freezer
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBCD-90	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	EnergyConsump.DuringFreezing(kWh/24h)	0.97
Hold over time (hours:mn)	63:48	External dimensions length (mm)	717.00
Energy consumption (cool down) (kWh/24h)	0.66	External dimensions width (mm)	1128.00
EnergyConsump.Continuous Power(kWh/24h)	0.70	External dimensions height (mm)	872.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	30.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	42.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	4.00	Waterpack storage capacity (Litres)	16.00
Freezer's gross volume (Litres)	32.00		

Comments	Optional: Remote temperature monitoring Price not include: Voltage regulator		
List of accessories	Freezer net volume: 50 L Range of holdover time: 51 - 100 hours "Keys 2 Handle attachment 1 Refiller 1 Corrosion inhibitors 1 Defroster spade 1"		

VERIFICATION

Verification Report Reference	WB-18-448		
Shipping volume (m3)	0.99	Price 1	1-100units USD 1650

Shipping weight (kg)	135.00	Price 2	>100units USD 1575
Year of base price	2021	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03-VP.4
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-098
Description:	Solar Direct Drive Refrigerator
Manufactured in:	China
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Contact Information	
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Web address:	http://aucmaglobal.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CFD-50 SDD	Country of Manufacture	China
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive;Electric Mains 115/60Hz;Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional
External dimensions length (mm)	655.00	Energy consumption (cool down) (kWh/24h)	0.78
External dimensions width (mm)	545.00	EnergyConsump.Continuous Power(kWh/24h)	0.72
External dimensions height (mm)	1588.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	50.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	68.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>"The CFD-50 SDD MetaFridge provides safe, solar-powered vaccine storage for health facilities that have minimal or no mains power, and extreme ambient temperatures. Extensively tested ColdSafe™ thermosyphon technology keeps vaccines cold with no risk of freezing through 5+ day periods with inadequate sunlight. MetaFridge patented technology is licensed for manufacture to Aucma.</p> <ul style="list-style-type: none"> • Included 3x100W PV modules and universal (roof, ground, pole) PV mounting rack with 20m wiring and 1.5m ground rod. • Included PQS approved energy harvesting outputs with 12V (2A), 2x5V USB (1A), and 3-18V (8A) defined load output options • Integrated 30-day electronic refrigerator temperature logger stores and displays temperature, alarm history and remaining autonomy/holdover time. (PQS prequalified in E006/TR06.3). • Optional remote monitoring module relays key performance metrics to remote users. (Hardware and data services package are PQS prequalified in E006/TR03.2.) Contact manufacturer for additional information. • Includes integrated AC input with voltage range of 90-290V and surge, under, and over voltage protection. Solar power is prioritized if both Solar and AC are connected. • Unit requires the addition of 32 liters of clean water during installation. <p>More information on ColdSafe and other Meta-Fridge technologies is available at www.metafridge.com"</p>
List of accessories	<p>Universal solar panel mounting kit for ground, pole or roof with required tools and instructions for assembly (pole not included); grounding kit; integrated PQS prequalified 30 DTR; integrated energy harvest control (EHC) module; 2 vaccine storage trays; 3 wire shelves; 2 sets of locks & keys; 1 funnel; documentation;</p>

VERIFICATION

Verification Report Reference		WB-18-430	
Shipping volume (m3)	0.78	Price 1	1 – 99 units: 3200 USD
Shipping weight (kg)	95.00	Price 2	100 or more units: 3100 USD
Year of base price	2018	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.4
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-099
Description:	Solar Direct Drive Waterpacks Freezer
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com.invalid
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VFS 048 SDD	Country of Manufacture	Denmark
--------------------------------	-------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	External dimensions length (mm)	650.00
External dimensions width (mm)	555.00	External dimensions height (mm)	850.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Solar radiation ref period (kWh/m2/day)	3.50
-------------------------	-------	--	------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.60	Freezer's gross volume (Litres)	34.30
--	------	--	-------

Comments	Prices include the solar energy system consisting of 4x90Wp, roof adjustable, plug & play Energy requirements: 12V DC solar electric array. 360W radiation reference period 3.5kWh/m2/day. Stated shipping volume and weight, incl. complete Solar Energy System External dimensions: 85 x 55.5 x 65 Quality standard: ISO 9001:2008;#ISO 14001 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive freezer Freezer net volume: 50 L Range waterpack storage capacity: 20 - 100 Test temperature: +43°C Waterpack freezing capacity: 1.6 kg/24 h Waterpack storage capacity: 29 X0.6 L Title: Solar Direct Drive Freezer
List of accessories	Self-regulating temperature control. Electronic temperature reading. Locking lid + keys. Manual in 6 languages. Plywood packing

VERIFICATION

Verification Report Reference		300-KLAB-17-118	
Shipping volume (m3)	1.42	Price 1	1-99 units: 2.635€
Shipping weight (kg)	167.00	Year of base price	2018
Incoterms	EXW	Quality Standard	Other

Specification Reference	Applicable PQS specification: E003/FZ03.1 Applicable PQS VP(s): E003/FZ03-VP.1	Quality standard (Other)	ISO 9001:2008;ISO 14001
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code: E003-100
Description: Ice-lined Refrigerator
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
 Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsystems.com
Web address: www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 40R AC	Country of Manufacture	Luxembourg
--------------------------------	------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	220-240V 50/60Hz;Electric Mains 115/60Hz	Hold over time (hours:mn)	121:54
External dimensions length (mm)	890.00	Energy consumption (cool down) (kWh/24h)	0.76
External dimensions width (mm)	780.00	EnergyConsump.Continuous Power(kWh/24h)	0.80
External dimensions height (mm)	1030.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	37.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	45.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
--	------	--	------

Comments

Comments:
 Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 5 years. For more information and further conditions of warranty, please contact B Medical Systems. Bmedical fully integrated automatic voltage stabilization solution, which operates the ILR for any voltage in between 90VAC and 290VAC. It protects the ILR from over and under voltage as well as from surges and spikes required by PQS for AVS.

List of accessories

1 basket
 2 keys
 1 brush
 2 spacers
 documentation
 Lockable lid
 1 travel adapter
 1 US Nema 1-15 / 5-15 adapter

VERIFICATION

Verification Report Reference		WHO 18-002	
Shipping volume (m3)	0.88	Price 1	>100 units: €3011
Shipping weight (kg)	126.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03_VP.4	Quality standard (Other)	ISO 9001:2008, ISO 14001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-101
Description:	Ice-lined Refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl

Contact Information

Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsystems.com
Web address:	www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW 80 AC	Country of Manufacture	Luxembourg
--------------------------------	-----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	110-240V, 50/60Hz	Hold over time (hours:mn)	72:09
External dimensions length (mm)	783.00	Energy consumption (cool down) (kWh/24h)	0.60
External dimensions width (mm)	1020.00	EnergyConsump.Continuous Power(kWh/24h)	0.47
External dimensions height (mm)	892.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	81.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	83.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
--	------	--	------

Comments	Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 5 years. For more information and further conditions of warranty, please contact B Medical Systems. Bmedical fully integrated automatic voltage stabilization solution, which operates the ILR for any voltage in between 90VAC and 290VAC. It protects the ILR from over and under voltage as well as from surges and spikes required by PQS for AVS.
List of accessories	4 basket 2 keys 1 brush 2 spacers documentation Lockable lid 1 travel adapter set 1 US Nema 1-15/5-15 adapter

VERIFICATION

Verification Report Reference		WHO 18-001	
Shipping volume (m3)	0.88	Price 1	>100 units: 3252€
Shipping weight (kg)	111.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03_VP.4	Quality standard (Other)	ISO 9001:2008, ISO 14001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-102
Description: Solar Direct Drive Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTC-112	Country of Manufacture	China
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	1128.00
Energy consumption (cool down) (kWh/24h)	0.62	External dimensions width (mm)	875.00
External dimensions height (mm)	720.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	75.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	112.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments Optional: Remote temperature monitoring device

List of accessories Power of Solar Panel :180W x 2 or 360W x 1

4 baskets; manuals; keys

VERIFICATION

Verification Report Reference	WB-18-496		
Shipping volume (m3)	0.98	Price 1	1-100units USD 3132
Shipping weight (kg)	105.00	Price 2	>100units USD 2900
Year of base price	2021	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.4
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-103
Description:	Combined Refrigerator and Waterpack Freezer
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GVR 55 FF AC	Country of Manufacture	India
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	EnergyConsump.DuringFreezi ng(kWh/24h)	1.91
Hold over time (hours:mn)	113:37	External dimensions length (mm)	750.00
Energy consumption (cool down) (kWh/24h)	2.33	External dimensions width (mm)	795.00
EnergyConsump.Continuous Power(kWh/24h)	1.91	External dimensions height (mm)	1820.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	58.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	90.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.40	Waterpack storage capacity (Litres)	14.40
Freezer's gross volume (Litres)	44.00		

Comments	<p>"(i) Sure Chill is a patented technology licensed by The Sure Chill Company (UK) (ii) Refrigerator operates on only 2.5 hrs/day power at +43C ambient, post stabilization (iii) Has a built in intelligent temperature control, early warning and energy management system (iv) Unit requires addition of clean drinking water during installation, contact manufacturer for information"</p> <p>R"Our Refrigerator is equipped with 2 type of Integrated Voltage Stabilizer depending upon country's power requirement:</p> <p>1) 220-240V 50/60Hz with extended Voltage Range of 110-278V or 2) 110V/60Hz with voltage range extended upto 82V-159V. It can also operates at 50Hz frequency with voltage range of 102V-130V</p> <p>Range vaccine storage capacity: 60L - 90L</p>
-----------------	---

List of accessories	Included in price: 3 wire shelves; 1 Padlock; 1 Funnel, plywood packaging, 30 days temperature monitoring system. Inbuilt Voltage Stabilizer: Option 1: for 220-240V 50/60 Hz nominal input/output with input voltage regulation range 110V-278V/50/60Hz Option 2: for 100-127V 60 Hz nominal input/output with input voltage regulation range 82V-159V/60Hz. Option 3: for 100-127V, 50 Hz nominal input/output with input voltage regulation range 102V-130V/50Hz. Optional (charged extra): Extra wire shelves, RTMD (E006/036)
----------------------------	---

VERIFICATION			
Verification Report Reference		CE-JOB-NDA-18-000526-GVR 55 FF AC	
Shipping volume (m3)	1.37	Price 1	Price \$1700 (1-9 units)
Shipping weight (kg)	180.00	Price 2	\$1680 (10-99 units)
Price 3	\$1650 (100+ units)	Year of base price	2024
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF05.4 Applicable PQS VP(s): E003/RF05-VP.4	Quality standard (Other)	ISO 9001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-106
Description:	Solar direct drive refrigerator
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com.invalid
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 054A SDD	Country of Manufacture	Denmark
--------------------------------	--------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	89:32
External dimensions length (mm)	600.00	Energy consumption (cool down) (kWh/24h)	0.69
External dimensions width (mm)	720.00	EnergyConsump.Continuous Power(kWh/24h)	0.35
External dimensions height (mm)	850.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	56.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	108.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/106 Autonomy: 72.4 hou External dimensions: 85 x 72 x 60 cm Hold over time (hou:mn): 89.32 hou Quality standard: ISO 9001:2008;#ISO 14001;#DS/OHSAS 18001:2008 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 25L - 60L Test temperature: +43°C Waterpack freezing capacity: NA Waterpack storage capacity: NA Title: Solar powered refrigerator direct drive VLS054</p>
-----------------	--

List of accessories	Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate
----------------------------	--

VERIFICATION

Verification Report Reference		100918190MKS-001 issue 2	
Shipping volume (m3)	0.65	Price 1	1-99 units: 3,107 €
Shipping weight (kg)	85.00	Price 2	100-199 units: 2.882 €
Year of base price	2016	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-107
Description:	Solar direct drive refrigerator
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com.invalid
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 094A SDD	Country of Manufacture	Denmark
--------------------------------	--------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	77:24
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	0.45
External dimensions width (mm)	930.00	EnergyConsump.Continuous Power(kWh/24h)	0.24
External dimensions height (mm)	860.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	92.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	151.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/107 Autonomy: 72.5 hou External dimensions: 86.0 x 93.0 x 70.0 cm Hold over time (hou:mn): 77.41 h Quality standard: ISO 9001:2008;#ISO 14001;#DS/OHSAS 18001:2008 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 150L - 220L Test temperature: +43°C Waterpack freezing capacity: N/A Waterpack storage capacity: N/A Title: Solar direct drive refrigerator</p>
-----------------	--

List of accessories	4 x Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate
----------------------------	--

VERIFICATION

Verification Report Reference		101809330MKS-001 Issue 1	
Shipping volume (m3)	0.83	Price 1	1-99 units: 3.264 €
Shipping weight (kg)	108.00	Price 2	100-199 units: 3.217 €
Year of base price	2016	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-108
Description:	Solar direct drive refrigerator
Manufactured in:	Denmark
Company:	Vestfrost Solutions
Contact Information	
Address:	A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone:	+45 7914 2555
Email:	clc@vestfrostsolutions.com
Web address:	http://vestfrostsolutions.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 154A SDD Greenline	Country of Manufacture	Denmark
--------------------------------	------------------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	77:75
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	0.56
External dimensions width (mm)	1270.00	EnergyConsump.Continuous Power(kWh/24h)	0.55
External dimensions height (mm)	860.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	170.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	248.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	<p>Prices include Vestfrost Solutions SDD PV energy kit comprising of PV panels, roof adjustable bracket system, plug & play installation.</p> <p>Unit equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>Range of holdover time: 51 - 100 hours Range vaccine storage capacity: 150L - 220L</p>
List of accessories	4 x Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate

VERIFICATION

Verification Report Reference		300-KLAB-15-115	
Shipping volume (m3)	0.83	Price 1	1-99 units: 4,345 €
Shipping weight (kg)	108.00	Price 2	100-199 units: 4044 €
Year of base price	2016	Incoterms	FCA

Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF05.3 Applicable PQS VP(s): E003/RF05-VP.3
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-109
Description: Ice-lined refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 204A	Country of Manufacture	Denmark
-------------------------	----------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz
Hold over time (hours:mn)	54	External dimensions length (mm)	700.00
Energy consumption (cool down) (kWh/24h)	0.58	External dimensions width (mm)	730.00
EnergyConsump.Continuous Power(kWh/24h)	0.57	External dimensions height (mm)	850.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	60.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	113.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>Appliance requires only 4 hours electricity per 24 hours at +43C°</p> <p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>VLS 204A AC model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features:</p> <p>1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>Range of holdover time: 51 - 100 hours</p> <p>Range vaccine storage capacity: 60L - 90L</p>
----------	--

List of accessories	2 x Vaccine storage top basket; 1 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate
----------------------------	---

VERIFICATION

Verification Report Reference		BOM No: 1-n113	
Shipping volume (m3)	0.58	Price 1	1-99 units: 919 €
Shipping weight (kg)	70.00	Year of base price	2020
Incoterms	FCA	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03 Applicable PQS VP(s): E003/RF03-VP	Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-110
Description: Icelined refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 304A AC	Country of Manufacture	Denmark
--------------------------------	-------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	55:30
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	0.69
External dimensions width (mm)	920.00	EnergyConsump.Continuous Power(kWh/24h)	0.60
External dimensions height (mm)	850.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	98.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	157.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments

Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.

Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.

For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.
Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.

VLS 204A AC imodel is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5
For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz
For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz
As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features:
1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.

Range of holdover time: 51 - 100 hours
Range vaccine storage capacity: 90L - 150L

List of accessories	3 x Vaccine storage top basket; 2 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate
----------------------------	---

VERIFICATION

Verification Report Reference		12057110OMKS-002a amended	
Shipping volume (m3)	0.75	Price 1	1-99 units: 1,033 €
Shipping weight (kg)	93.00	Year of base price	2020
Incoterms	FCA	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-111
Description: Icelined refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 354A AC	Country of Manufacture	Denmark
-------------------------	-------------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	61.53
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	0.64
External dimensions width (mm)	1130.00	EnergyConsump.Continuous Power(kWh/24h)	0.62
External dimensions height (mm)	850.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R600a	Refrigerator's gross volume (Litres)	209.00
Solar radiation ref period (kWh/m2/day)	1.00		

Comments	<p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>VLS 354A AC imodel is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5 For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. (only SDD's). All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>Range of holdover time: 51 - 100 hou Range vaccine storage capacity: 150L - 220L</p>
----------	---

List of accessories	4 x Vaccine storage top basket; 3 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; 1 x Holder for temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate
----------------------------	--

VERIFICATION

Verification Report Reference		12057110OMKS-003a amended	
Shipping volume (m3)	0.85	Price 1	1-99 units: 1,143 €
Shipping weight (kg)	110.00	Year of base price	2016
Incoterms	FCA	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2	Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code: E003-112
Description: Icelined refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 404A AC	Country of Manufacture	Denmark
--------------------------------	-------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	55:00
External dimensions length (mm)	700.00	Energy consumption (cool down) (kWh/24h)	0.69
External dimensions width (mm)	1270.00	EnergyConsump.Continuous Power(kWh/24h)	0.67
External dimensions height (mm)	860.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	145.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	235.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>VLS 404A AC model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/112</p> <p>External dimensions: 86.0 X 127.0 X 70.0 cm</p> <p>Hold over time (hou:mn): 55 hou</p> <p>Quality standard: ISO 9001:2008;#ISO 14001;#DS/OHSAS 18001:2008</p> <p>Device sub-category:Non-solar</p> <p>Type of appliance: Icelined refrigerator</p> <p>Range of holdover time: 51 - 100 hou</p> <p>Range vaccine storage capacity: 90L - 150L</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: N/A</p> <p>Waterpack storage capacity: N/A</p> <p>Title: Icelined refrigerator</p>
List of accessories	<p>4 x Vaccine storage top basket; 3 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; 1 x Holder for temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate</p>

VERIFICATION

Verification Report Reference		A66543 - amended	
Shipping volume (m3)	1.02	Price 1	1-99 units: 1,231 €
Shipping weight (kg)	126.00	Price 2	100-199 units: 1030 €
Year of base price	2020	Incoterms	FCA
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.2 Applicable PQS VP(s): E003/RF03-VP.2
Quality standard (Other)	ISO 9001:2008;ISO 14001;DS/OHSAS 18001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code: E003-113
Description: Ice-lined Refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 504A AC	Country of Manufacture	Denmark
--------------------------------	-------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional;Electric Mains 115/60Hz	Hold over time (hours:mn)	55:16
External dimensions length (mm)	700.00	External dimensions width (mm)	1563.00
EnergyConsump.Continuous Power(kWh/24h)	0.64	External dimensions height (mm)	845.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	242.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	314.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>Equipped with unique QR code that can be used with Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electrical components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + appliance power plug/cable.</p> <p>Supplied with adjustable legs, elevating appliance to protect against water/rubbish etc.</p> <p>VLS 504A AC model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>PQS number: E003/113</p> <p>EnergyConsump.IntermittentPower(kWh/24h): 1.3520.591</p> <p>EnergyConsump.ContinuousPower(kWh/24h): 0.638</p> <p>External dimensions: 84.5 x 156.3 x 70.0 cm</p> <p>Hold over time (hou:mn): 55.27 h</p> <p>Quality standard: ISO 9001:2008</p> <p>Device sub-category:Non-solar</p> <p>Type of appliance: Icelined refrigerator</p> <p>Test temperature: +43°C</p> <p>Waterpack freezing capacity: 0</p> <p>Waterpack storage capacity: 0</p> <p>Title: Solar Direct Drive Refrigerator</p>
List of accessories	<p>6 x Vaccine storage top basket; 4 x Vaccine bottom basket; 1 x Bottom grating; 1 x Voltage stabilizer; 1 x 30 day electronic temperature logger; 1 x Holder for temperature logger; Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate</p>

VERIFICATION

Verification Report Reference		300-KLAB-17-179	
Shipping volume (m3)	1.16	Price 1	1 – 99 units:
Shipping weight (kg)	150.00	Year of base price	2018
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s): E003/RF03-VP.4	Quality standard (Other)	ISO 9001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-114
Description: Ice-lined Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: wenming.wang@haierbiomedical.com.invalid
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBC-120	Country of Manufacture	China
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	External dimensions length (mm)	1425.00
Energy consumption (cool down) (kWh/24h)	0.35	External dimensions width (mm)	829.00
EnergyConsump.Continuous Power(kWh/24h)	0.40	External dimensions height (mm)	890.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	100.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	120.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	Optional: Remote temperature monitoring device (Price not include: Voltage regulator); PQS number: E003/114 Autonomy: 128h48mins External dimensions: 890mm*829mm*1425mm Hold over time (hou:mn): 128h48mins Quality standard: ISO 9001:2008 Device sub-category:Non-solar Type of appliance: Icelined refrigerator Range of holdover time: 101 - 250 hou Range vaccine storage capacity: 90L - 150L Test temperature: +43°C Waterpack freezing capacity: 0 Waterpack storage capacity: 0 Title: Ice-lined Refrigerator
List of accessories	Keys, Handle component, 30 days Data logger

VERIFICATION

Verification Report Reference		WB-19-473	
Shipping volume (m3)	1.44	Price 1	1-100units USD 1800
Shipping weight (kg)	160.00	Price 2	>100units USD 1750
Year of base price	2021	Incoterms	EXW

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-115
Description: Ice-lined Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: wenming.wang@haierbiomedical.com.invalid
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBC-240	Country of Manufacture	China
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	87:14
External dimensions length (mm)	1820.00	Energy consumption (cool down) (kWh/24h)	0.40
External dimensions width (mm)	829.00	EnergyConsump.Continuous Power(kWh/24h)	0.44
External dimensions height (mm)	890.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	200.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	240.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	Keys, Handle component, 30 days Data logger (Price does not include: Voltage regulator); PQS number: E003/115 External dimensions: 890mm*829mm*1820mm Hold over time (hou:mn): 87h 14mins Quality standard: ISO 9001:2008 Device sub-category:Non-solar Type of appliance: Icelined refrigerator Range vaccine storage capacity: 150L - 220L Test temperature: +43°C Waterpack freezing capacity: 0 Waterpack storage capacity: 0 Title: Ice-lined Refrigerator
List of accessories	Optional: Remote temperature monitoring device

VERIFICATION

Verification Report Reference	WB-19-356		
Shipping volume (m3)	1.8	Price 1	1-100units USD 2000
Shipping weight (kg)	186.00	Price 2	>100units USD 1950
Year of base price	2021	Incoterms	EXW

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-116
Description: Solar Direct Drive Refrigerator
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: wenming.wang@haierbiomedical.com.invalid
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTC-120-SDD	Country of Manufacture	China
-------------------------	-------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - absorption	Energy source	Solar direct drive
External dimensions length (mm)	1425.00	Energy consumption (cool down) (kWh/24h)	0.48
External dimensions width (mm)	825.00	External dimensions height (mm)	865.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	100.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	120.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Optional: Remote temperature monitoring device PQS number: E003/116 Autonomy: 112h 24mins External dimensions: 865mm*825mm*1425mm Quality standard: ISO 9001:2008 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive refrigerator Test temperature: +43°C Waterpack freezing capacity: 0 Waterpack storage capacity: 0 Title: Solar Direct Drive Refrigerator
List of accessories	Keys, Handle component, 30 days Data logger

VERIFICATION

Verification Report Reference	WB-19-474		
Shipping volume (m3)	1.44	Price 1	1-100units USD 3629
Shipping weight (kg)	160.00	Price 2	>100units USD 3550
Year of base price	2021	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-117
Description:	Solar Direct Drive Refrigerator
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	wenming.wang@haierbiomedical.com.invalid
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTC-240-SDD	Country of Manufacture	China
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	External dimensions length (mm)	1815.00
Energy consumption (cool down) (kWh/24h)	0.54	External dimensions width (mm)	825.00
External dimensions height (mm)	865.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	200.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	240.00	Solar radiation ref period (kWh/m2/day)	3.50

Comments	Optional: Remote temperature monitoring device PQS number: E003/117 Autonomy: 95h 23mins External dimensions: 865mm*825mm*1815mm Quality standard: ISO 9001:2008 Device sub-category:Solar Direct Drive Test temperature: +43°C Waterpack freezing capacity: 0 Waterpack storage capacity: 0 Title: Solar Direct Drive Refrigerator
List of accessories	Keys, Handle component, 30 days Data logger

VERIFICATION

Verification Report Reference	WB-19-376		
Shipping volume (m3)	1.79	Price 1	1-100units USD 4250
Shipping weight (kg)	185.00	Price 2	>100units USD 4100
Year of base price	2021	Quality Standard	Other
Specification Reference	Applicable PQS specification: Applicable PQS VP(s):	Quality standard (Other)	ISO 9001:2008
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-118
Description:	Solar Direct Drive Refrigerator
Manufactured in:	China
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Contact Information	
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Web address:	http://aucmaglobal.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ARKTEK YBC-10 SDD	Country of Manufacture	China
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	5.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
Energy consumption (cool down) (kWh/24h)	0.30	External dimensions width (mm)	53.00
EnergyConsump.Continuous Power(kWh/24h)	0.24	External dimensions height (mm)	86.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	10.00	Refrigerator's gross volume (Litres)	15.00
Solar radiation ref period (kWh/m2/day)	3.50		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
--	------	--	------

Comments	"The ARKTEK YBC-10 SDD provides safe, solar-powered vaccine storage for health facilities that have minimal or no mains power, and extreme ambient temperatures. It can keeps vaccines cold with no risk of freezing through 3+ day periods with inadequate sunlight. Included 200W PV modules and pole PV mounting rack with 20m wiring and 1.5m ground rod. Included energy harvesting outputs with 5V USB (2A) Integrated 30-day electronic refrigerator temperature logger stores and displays temperature."
-----------------	---

List of accessories	Range of holdover time: 51 - 100 hours 6 vaccine stacks; documentation;
----------------------------	--

VERIFICATION

Verification Report Reference		WB-19-369	
Price 1	\$3,550	Year of base price	2020
Incoterms	EXW	Quality Standard	Other

Specification Reference	Applicable PQS specification: PQS/E003/RF05.5 Applicable PQS VP(s): E003/RF05-VP.4	Quality standard (Other)	ISO 9001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-119
Description: Solar Direct Drive Refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com.invalid
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 076 RF SDD	Country of Manufacture	Denmark
--------------------------------	----------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	1.08
External dimensions length (mm)	650.00	Energy consumption (cool down) (kWh/24h)	1.06
External dimensions width (mm)	1280.00	EnergyConsump.Continuous Power(kWh/24h)	0.44
External dimensions height (mm)	960.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	61.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	111.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer's gross volume (Litres)	34.30
--	-------

Comments	<p>"Prices include Vestfrost Solutions SDD PV energy system, roof adjustable, plug & play; Unit equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p>		
	<p>Autonomy: 89.32 h EnergyConsump.IntermittentPower(kWh/24h): 1.3520.433 External dimensions: 960 x 1280 x 650 Hold over time (hou:mn): NA Quality standard: ISO 9001:2008 Device sub-category:Solar Direct Drive Type of appliance: Solar direct drive combined refrigerator/freezer Range of holdover time: 51 - 100 hou Test temperature: +43°C Waterpack freezing capacity: 3 x 0.6 L Waterpacks per/24h Waterpack storage capacity: 29 x 0.6 L Waterpacks Title: Solar Direct Drive Refrigerator</p>		
List of accessories	<p>Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages</p>		
Shipping volume (m3)	1.15	Price 1	EUR 5177
Shipping weight (kg)	157.00	Year of base price	2021
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF05.6 Applicable PQS VP(s): E003/RF05-VP.6	Quality standard (Other)	ISO 9001:2008
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-120
Description: Icelined refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 174A AC	Country of Manufacture	Denmark
-------------------------	-------------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 115/60Hz;Electric Mains 220-240V 50/60Hz or Electric Mains 115/60Hz optional	Hold over time (hours:mn)	57:52
External dimensions length (mm)	550.00	External dimensions width (mm)	650.00
EnergyConsump.Continuous Power(kWh/24h)	0.50	External dimensions height (mm)	950.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	38.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	51.00	Solar radiation ref period (kWh/m2/day)	1.00

Comments	<p>Appliance requires only 4 hours electricity per 24 hours at +43°C</p> <p>Equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>Electric components positioned in corrosion free metal junction box, protecting for water, dust intrusion, and eases service/maintenance.</p> <p>For easy customization to local standard plug, supplied with appliance power in-let + Appliance power plug/cable.</p> <p>model is supplied with internal voltage stabilizer for extended input range, incl. high, low, spike and surge protection in line with E007/VS01-VP.5</p> <p>For 220-240V/50/60Hz, input voltage regulation range 110-278V/50/60Hz</p> <p>For 100-127V/50/60Hz, input voltage regulation range 82-159V/50/60Hz</p> <p>Range of holdover time: 51 - 100 hours</p> <p>Range vaccine storage capacity: 25L - 60L</p>
List of accessories	<p>1 x Vaccine storage baskets; 1 x Bottom grating; 1 x 30 day electronic temperature logger;</p> <p>Self-regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages; Plywood packing/crate</p>

VERIFICATION

Verification Report Reference	Refrigerator 300-KLAB-20-317
-------------------------------	------------------------------

Shipping volume (m3)	0.63	Shipping weight (kg)	79.00
Year of base price	2021	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/RF03.5 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-121
Description:	Solar Direct Drive Refrigerator
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW80-SDD	Country of Manufacture	Luxembourg
--------------------------------	-----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	Hold over time (hours:mn)	192
External dimensions length (mm)	778.00	Energy consumption (cool down) (kWh/24h)	0.58
External dimensions width (mm)	1023.00	EnergyConsump.Continuous Power(kWh/24h)	0.60
External dimensions height (mm)	890.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	81.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	83.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
--	------	--	------

Comments	Prices include the solar generator system : G1=roof fixes; G2=roof adjustable. Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 or 10 years as the case may be. For more information and further conditions of warranty, please contact B Medical Systems		
List of accessories	4 vaccine storage baskets lockable lid 2 spacers 1 compass 1 brush		

VERIFICATION

Verification Report Reference	WHO 21-01		
Shipping volume (m3)	0.88	Price 1	>100units G1 : 6160€
Shipping weight (kg)	112.00	Price 2	>100units G2 : 6798€

Year of base price	2024	Incoterms	EXW
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E003/RF05.6 Applicable PQS VP(s): E003/RF05-VP.6
Quality standard (Other)	ISO 9001:2008, ISO 14001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-122
Description:	Icelined refrigerator
Manufactured in:	Netherlands
Company:	Coolfinity Medical B.V.
Contact Information	
Address:	Europalaan 2 3526KS Utrecht Netherlands Netherlands
Telephone:	+31 85 066 23 64
Email:	maarten@coolfinity.com
Web address:	www.coolfinity.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	IceVolt 300P	Country of Manufacture	Netherlands
--------------------------------	--------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz;Electric Mains 115/60Hz	Hold over time (hours:mn)	25:00
External dimensions length (mm)	730.00	Energy consumption (cool down) (kWh/24h)	2.21
External dimensions width (mm)	670.00	EnergyConsump.Continuous Power(kWh/24h)	2.98
External dimensions height (mm)	1999.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	241.00	Refrigerant type	R290
Refrigerator's gross volume (Litres)	318.00		

Comments	<p>a) The refrigerator has an integrated Sollatek voltage stabiliser as follows:</p> <ol style="list-style-type: none"> 1. 220 – 240 Volt 50/60 Hz, integrated extended version, Sollatek FSPE4B-2 4.5A/6A 110V-285V 50/60Hz 2. 110 – 127 V 50/60 Hz , integrated extended version, Sollatek FSPE4B-1 4.5A/6A 82V-159V 50/60Hz <p>b) The refrigerator has internal LED lighting that switches on when the door is opened. It also works during power outages.</p> <p>c) The refrigerator has a special glass door, that prevents condensation and fogging on the glass.</p> <p>d) Coolfinity refrigerators have a patented technology for the cooling system.</p> <p>e) The refrigerator requires clean drinking water during installation, please the contact manufacturer or watch the installation video online.</p> <p>f) This appliance was modified in November 2022. This modification consisted of a change of the controller. The appliance was retested and resulted in a slight change in the holdover time and energy consumption.</p>
-----------------	--

List of accessories	<p>The glass door includes a protective film that blocks >99% of UV light.</p> <p>Accessoires included: a) 5x shelves, b) 1x basket, c) Berlinger Fridge-Tag 2E (30 day temperature recorder), d) filling funnel, e) 2x keys for integrated door lock, f) instruction manual, g) wooden pallet,</p> <p>Optional Accessories a) 1x or 2x additional baskets, b) shelves (instead of baskets), c) Berlinger SmartMonitor SITE L, d) wooden crate (12 kg extra shipping weight), e) branding on the refrigerator sides, f) Large LED temperature display in top panel (7cm)</p>
----------------------------	---

VERIFICATION

Verification Report Reference		300-KLAB-21-106	
Shipping volume (m3)	1.09	Price 1	50 pieces € 2,680, >50 € 2580
Shipping weight (kg)	190.00	Year of base price	2024
Incoterms	FCA	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/RF03.5 Applicable PQS VP(s): E003/RF03-VP.4	Quality standard (Other)	ISO 9001:2008
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-123
Description:	Combined Vaccine Refrigerator / Waterpack Freezer
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW120AC	Country of Manufacture	Luxembourg
--------------------------------	----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	110-240V 50/60Hz	EnergyConsump.DuringFreezi ng(kWh/24h)	1.41
Hold over time (hours:mn)	73:54	External dimensions length (mm)	790.00
Energy consumption (cool down) (kWh/24h)	1.07	External dimensions width (mm)	1620.00
EnergyConsump.Continuous Power(kWh/24h)	1.55	External dimensions height (mm)	910.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	120.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	153.00	Solar radiation ref period (kWh/m2/day)	1.00

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.60	Waterpack storage capacity (Litres)	13.20
Freezer's gross volume (Litres)	28.00		

Comments	<p>Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 5 years. For more information and further conditions of warranty, please contact B Medical Systems. Bmedical fully integrated automatic voltage stabilization solution, which operates the ILR for any voltage in between 90VAC and 290VAC. It protects the ILR from over and under voltage as well as from surges and spikes required by PQS for AVS.</p> <p>Freezing capacity range: 5 kg/24h Range vaccine storage capacity: 90L - 150L Waterpack storage capacity: 22 x 0,6L</p>
-----------------	--

List of accessories	4 vaccine storage baskets lockable lid 2 spacers 22 waterpacks of 0.6L		
Shipping volume (m3)	1.39	Price 1	>100 pcs : 4339 Euros
Shipping weight (kg)	188.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/RF03.4 Applicable PQS VP(s):	Quality standard (Other)	ISO 9001:2008, ISO 14001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-124
Description:	Vaccine Refrigerator / Ice-pack Freezer
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCW120SDD	Country of Manufacture	Luxembourg
--------------------------------	-----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezi ng(kWh/24h)	1.38
External dimensions length (mm)	790.00	Energy consumption (cool down) (kWh/24h)	1.31
External dimensions width (mm)	1620.00	EnergyConsump.Continuous Power(kWh/24h)	1.15
External dimensions height (mm)	910.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	120.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	153.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	1.60	Waterpack storage capacity (Litres)	13.20
Freezer's gross volume (Litres)	28.00		

Comments	Prices include the solar generator system: G1 = roof fixed; G2 = roof adjustable. Includes for the duration of the warranty period contractually agreed: the B-Medical systems RTMD with worldwide communication; real-time alarms messages for temperature and open door alerts via SMS/Email, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation, as this RTMD has no integrated display. However, the refrigerator does have a digital display. This RTMD is exclusively bundled to B Medical Systems refrigerators/freezers. It includes a warranty for 3 or 10 years. For further information on the warranty please contact B Medical Systems.		
List of accessories	Waterpack storage capacity: 22 x 0.6L 4 vaccine storage baskets lockable lid 2 spacers 22 waterpacks of 0.6L		

VERIFICATION

Verification Report Reference		WHO 21-03	
Shipping volume (m3)	1.39	Price 1	>100 units: G1 10,222 Euros; G2 11,281 Euros
Shipping weight (kg)	187.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003 / RF05.6 Applicable PQS VP(s):	Quality standard (Other)	ISO 9001:2015; ISO 14001:2015
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-125
Description:	Vaccine Freezer - Ultralow Temperature Storage
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	U201	Country of Manufacture	Luxembourg
--------------------------------	------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - absorption
Energy source	230V 50Hz (Option 220V 60Hz)	Hold over time (hours:mn)	1:10
External dimensions length (mm)	1039.00	Energy consumption (cool down) (kWh/24h)	27.60
External dimensions width (mm)	699.00	EnergyConsump.Continuous Power(kWh/24h)	13.50
External dimensions height (mm)	1293.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	143.00	Refrigerant type	R170
Refrigerator's gross volume (Litres)	214.00	Solar radiation ref period (kWh/m2/day)	1.00

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
Freezer's gross volume (Litres)	214.00		

Comments	Set temperature; (setting range): -86°C to -20°C. Defrosting technique: Manual.; Includes for the duration of the warranty period contractually agreed: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to WHO PQS E006/TR03.2 with one deviation as this RTMD has no integrated display (however the freezer has a digital display). This RTMD is exclusively bundled to B Medical; Systems refrigerators / freezers. Includes warranty for 3 years. For more information and further conditions of warranty, please contact B Medical systems
List of accessories	Holdover time: 1h0mins from -82°C to -60°C 1 Separate interior door 1 ST-shelf 4 Smooth castors with stabilizers 1 RTMD (Integrated remote temperature-monitoring device) °B Connected Monitoring Software

VERIFICATION

Verification Report Reference		WHO 21-04	
Shipping volume (m3)	1.2	Price 1	12114 Euros
Shipping weight (kg)	252.00	Year of base price	2024
Incoterms	EXW	Quality Standard	ISO 13485;Other
Specification Reference	Applicable PQS specification: E003/ULT01.1 Applicable PQS VP(s): E003/ULT01-VP.1	Quality standard (Other)	ISO 9001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-126
Description: Vaccine/Waterpacks Freezer
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBD-86	Country of Manufacture	China
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	0.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	7:19
External dimensions length (mm)	872.00	Energy consumption (cool down) (kWh/24h)	0.98
External dimensions width (mm)	717.00	EnergyConsump.Continuous Power(kWh/24h)	0.95
External dimensions height (mm)	788.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	61.00	Refrigerant type	R600a
--	-------	------------------	-------

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer's gross volume (Litres)	86.00
---------------------------------	-------

Comments	Optional: Remote temperature monitoring device 1. Display: Solar LED Temperature Display 2. Low power consumption Freezer net volume: 50 - 110 L
List of accessories	1. Instructions 2. Key 3. Handle component 4. Basket 5. Alcohol thermometer 6. 30 days temperature logger

VERIFICATION

Verification Report Reference		WB-21-0193	
Shipping volume (m3)	0.71	Price 1	\$977 inclduing 30 DTR
Shipping weight (kg)	90.00	Year of base price	2022
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2	Quality standard (Other)	ISO 9001:2008

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-127
Description: Vaccine/Waterpack Freezer
Manufactured in: India
Company: Western Refrigeration Private Limited

Contact Information

Address: 7/B, Pannalal Silk Mill Compound, L.B.S. Marg, Bhandup (West), Mumbai 400078. India
Telephone: +91 22 - 67161200
Email: paresh@westernequipments.com
Web address: <https://www.westernequipments.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VFW140H-HC	Country of Manufacture	India
-------------------------	------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	220-240V 50Hz	External dimensions length (mm)	720.00
Energy consumption (cool down) (kWh/24h)	2.06	External dimensions width (mm)	710.00
EnergyConsump.Continuous Power(kWh/24h)	1.94	External dimensions height (mm)	955.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	68.00	Refrigerant type	R290
Solar radiation ref period (kWh/m2/day)	1.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	16.20	Waterpack storage capacity (Litres)	72.50
Freezer's gross volume (Litres)	142.00		

List of accessories	4 Baskets, keys, Steam Alcohol Thermometer (Optional), Instruction Manual
---------------------	---

VERIFICATION

Verification Report Reference		4789971136-01-OTHERS-S1-R1	
Shipping volume (m3)	0.6	Price 1	1 to 99 Units - 635 USD
Shipping weight (kg)	60.00	Price 2	100 to 200 Units- 540 USD
Year of base price	2022	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-128
Description: Vaccine/Waterpacks Freezer
Manufactured in: India
Company: Western Refrigeration Private Limited

Contact Information

Address: 7/B, Pannalal Silk Mill Compound, L.B.S. Marg, Bhandup (West), Mumbai 400078. India
Telephone: +91 22 - 67161200
Email: paresh@westernequipments.com
Web address: <https://www.westernequipments.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VFW310H-HC	Country of Manufacture	India
-------------------------	------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - absorption
Energy source	Electric Mains 220-240V 50Hz	External dimensions length (mm)	720.00
Energy consumption (cool down) (kWh/24h)	2.32	External dimensions width (mm)	1230.00
EnergyConsump.Continuous Power(kWh/24h)	2.27	External dimensions height (mm)	965.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	166.00	Refrigerant type	R290
Solar radiation ref period (kWh/m2/day)	1.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	28.20	Waterpack storage capacity (Litres)	203.00
Freezer's gross volume (Litres)	317.00		

Comments	Holdover time: 4 hours
List of accessories	8 Baskets, keys, Steam Alcohol Thermometer (Optional), Instruction Manual

VERIFICATION

Verification Report Reference	4789971136-01-OTHERS-S2-R1		
Shipping volume (m3)	1.03	Price 1	1 to 99 Units - 775 USD
Shipping weight (kg)	91.00	Price 2	100 to 200 Units- 685 USD
Year of base price	2022	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: E003/FZ01.2 Applicable PQS VP(s): E003/FZ01-VP.2
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-129
Description:	Solar Direct Drive Refrigerator & Freezer
Manufactured in:	China
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Contact Information	
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Web address:	http://aucmaglobal.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TCD-100	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
EnergyConsump.DuringFreezing(kWh/24h)	2.00	External dimensions length (mm)	750.00
Energy consumption (cool down) (kWh/24h)	1.21	External dimensions width (mm)	1050.00
EnergyConsump.Continuous Power(kWh/24h)	1.41	External dimensions height (mm)	975.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	48.00	Refrigerant type	R290
Refrigerator's gross volume (Litres)	59.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.00	Waterpack storage capacity (Litres)	10.70
Freezer's gross volume (Litres)	38.00		

Comments	1. 48-liter vaccine storage chamber volume; 38-liter water pack freezer chamber volume; 2. Integrated USB temperature data module with 10 year data storage capacity; 3. 180 hours of holdover at constant ambient temperature of 43 °C; 4. 2.0kg daily Water-pack freezing capacity, 10.7kg water-pack storage compartment capacity; 5. 180 hours autonomy at constant ambient temperature of 43 °C; 6. Integrated maximum/minimum temperature and alarm data with 30 day history; 7. Integrated USB charging port 5V / 0.5A;
List of accessories	1. 2 Vaccine boxes 2. 2 Keys 3. 1 Funnel 4. Documentation 5. 2 baskets

VERIFICATION

Verification Report Reference		WB-21-0332	
Shipping volume (m3)	1.62	Shipping weight (kg)	260.00

Year of base price	2022	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-130
Description:	Vaccine/waterpaks freezer
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GMF 200 ECO lite	Country of Manufacture	India
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V 50/60Hz
Hold over time (hours:mn)	9:49	External dimensions length (mm)	850.00
Energy consumption (cool down) (kWh/24h)	4.21	External dimensions width (mm)	825.00
EnergyConsump.Continuous Power(kWh/24h)	4.13	External dimensions height (mm)	762.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	153.00	Refrigerant type	R290
Solar radiation ref period (kWh/m2/day)	1.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	16.80		
Comments	Waterpack freezing capacity: 16.8kg/24hou Waterpack storage capacity: 130.8kg		
List of accessories	3 baskets, lock and key, Fridge Tag 2E with external sensor, Solar Display Thermometer, Voltage Stabilizer Optional (charged extra): RTMD (E006-036) (110V-280V)		
Shipping volume (m3)	0.78	Price 1	\$1000 (1-9 units)
Shipping weight (kg)	95.00	Price 2	\$980 (10-99 units)
Year of base price	2023	Incoterms	EXW
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s): E003/FZ01-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-131
Description:	Combined icelined refrigerator/waterpaks freezer
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HBD265	Country of Manufacture	China
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	0.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	EnergyConsump.DuringFreezing(kWh/24h)	1.40
Hold over time (hours:mn)	11:25	External dimensions length (mm)	940.00
External dimensions width (mm)	717.00	EnergyConsump.Continuous Power(kWh/24h)	1.42
External dimensions height (mm)	1647.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	211.00	Refrigerant type	R600a
Solar radiation ref period (kWh/m2/day)	1.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer's gross volume (Litres)	265.00
--	--------

Comments	Optional: Remote temperature monitoring device 1. Display: Solar LED Temperature Display 2. Low power consumption
List of accessories	1. Instructions 2. Key 3. Handle component 4. Basket 5. Alcohol thermometer

VERIFICATION

Verification Report Reference		WB-22-0203	
Shipping volume (m3)	1.4	Price 1	USD 1313
Shipping weight (kg)	160.00	Year of base price	2023
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-132
Description: Solar Direct Drive Refrigerator
Manufactured in: Denmark
Company: Vestfrost Solutions

Contact Information

Address: A/S Vestfrost Falkevej 12 DK-6705 Esbjerg Ø Denmark
Telephone: +45 7914 2555
Email: clc@vestfrostsolutions.com
Web address: <http://vestfrostsolutions.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VLS 096A RF SDD	Country of Manufacture	Denmark
--------------------------------	-----------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Solar direct drive	EnergyConsump.DuringFreezing(kWh/24h)	1.49
Hold over time (hours:mn)	114,33	External dimensions length (mm)	740.00
Energy consumption (cool down) (kWh/24h)	1.35	External dimensions width (mm)	1510.00
EnergyConsump.Continuous Power(kWh/24h)	1.41	External dimensions height (mm)	870.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	110.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	147.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.40	Waterpack storage capacity (Litres)	16.80
Freezer's gross volume (Litres)	50.00		

Comments	<p>Prices include Vestfrost Solutions SDD PV energy system, roof adjustable, plug & play; Unit equipped with unique QR code, that can be used along Vestfrost Solutions Unit tracker APP, containing various installation/service features.</p> <p>As an option the appliance can be supplied with Vestfrost in-built RTMD; with following features: 1: 5" touch display 2: 3X internal temp. sensors 3: ambient temp. 4: compressor sensor 5: humidity sensor 6: lid opening alarm 7: GPS coordinates via Google maps 8: 1X USB 5V solar harvesting port. All data collected/logged is automatic via GPRS uploaded to Vestfrost RTMD performance data-portal, and/or can be accessed onsite from the touch screen menu.</p> <p>Waterpack freezing capacity: 2.4 kg per/24h = 4 x 0.6 L Waterpacks per/24h Waterpack storage capacity: 28 x 0.6L</p>
List of accessories	2 X Vaccine storage top basket; Bottom grating; 30 day electronic temperature logger; Self regulating temperature control; Electronic temperature reading; 2 x Keys; Instruction manual in 6 UN languages; Technical manual in 6 UN languages

VERIFICATION

Verification Report Reference		300-KLAB-22-106	
Shipping volume (m3)	1.31	Price 1	6.485 EUR
Shipping weight (kg)	190.00	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Specification Reference	Applicable PQS specification: Applicable PQS VP(s):	Quality standard (Other)	ISO 9001:2008
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code: E003-133
Description: Icelined refrigerator
Manufactured in: India
Company: Western Refrigeration Private Limited

Contact Information

Address: 7/B, Pannalal Silk Mill Compound, L.B.S. Marg, Bhandup (West), Mumbai 400078. India
Telephone: +91 22 - 67161200
Email: paresh@westernequipments.com
Web address: <https://www.westernequipments.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	I425H120	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Multizone	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
External dimensions length (mm)	805.00	Energy consumption (cool down) (kWh/24h)	1.45
External dimensions width (mm)	1320.00	EnergyConsump.Continuous Power(kWh/24h)	1.50
External dimensions height (mm)	970.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	192.00	Refrigerant type	R290
Refrigerator's gross volume (Litres)	253.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	0.00	Waterpack storage capacity (Litres)	0.00
---	------	-------------------------------------	------

List of accessories	keys, 30 day Temperature data logger, Voltage Stabilizer and Instruction Manual
---------------------	---

VERIFICATION

Verification Report Reference		4790194057-01-OTHER-S1	
Shipping volume (m3)	1.24	Price 1	1 to 99 Units - 1550 USD
Shipping weight (kg)	135.00	Price 2	100 to 200 Units- 1420 USD
Year of base price	2023	Quality Standard	Other
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-134
Description:	Transportable, powered vaccine storage appliances
Manufactured in:	India
Company:	BlackFrog Technologies Private Limited
Contact Information	
Address:	D.No.3-72(E), Korgi Village, Hosmata Post, Kundapura, Karnataka, India - 576231 India
Telephone:	+918202572478
Email:	mayurshetty@blackfrog.in
Web address:	http://blackfrog.in/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Emvolio Plus	Country of Manufacture	India
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric- Thermoelectric
Energy source	110-240V 50/60Hz	Hold over time (hours:mn)	12
External dimensions length (mm)	300.00	Energy consumption (cool down) (kWh/24h)	0.90
External dimensions width (mm)	200.00	EnergyConsump.Continuous Power(kWh/24h)	0.84
External dimensions height (mm)	410.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	2.00	Refrigerant type	Cable
Refrigerator's gross volume (Litres)	2.00		

Comments	AC use only. Emvolio is a portable battery-powered active cooled vaccine carrier with an in-built temperature control and regulation. The system is able to store and carry vaccines to remote locations with temperature accountability to retain vaccine effectiveness. a.) The refrigerator comes with a custom-designed backpack that can be easily worn by a health worker or even motorcycle mounted. b.) The refrigerator has an in-built GSM-based IoT system that tracks live vital statistics like temperatures (multiple sensors inside, ambient), location and door opening. This is available for access via an online dashboard that is provided free for the first year's use with the product, following which a yearly subscription charge will be levied for use. Customer supplies SIM card and SMS gateway services. c.) Battery Independence time: 12 HRS 18min
List of accessories	Included in price: - Multipurpose Backpack. - User Manual with warranty terms. - Reset Pin. - 150 W Charger/Adaptor. - Power cord. Optional(Charged extra): - Silicon vial-holder multi-stage (slot size to be determined by the user).

VERIFICATION

Verification Report Reference	CE-JOB-NDA-22-000949-001
--------------------------------------	--------------------------

Shipping volume (m3)	0.719	Price 1	USD 2500 for 1-100 units
Shipping weight (kg)	11.00	Price 2	USD 2400 for 101-500 units
Price 3	USD 2250 for 500+ units	Year of base price	2023
Incoterms	EXW	Quality Standard	ISO 13485;Other
Quality standard (Other)	ISO 9001:2015		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-135
Description:	Solar direct drive combined refrigerator/freezer
Manufactured in:	China
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HTCD-160B	Country of Manufacture	China
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Energy source	Electric Mains 220-240V 50/60Hz
External dimensions length (mm)	865.00	External dimensions width (mm)	825.00
External dimensions height (mm)	1695.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	100.00	Refrigerant type	R600a
Refrigerator's gross volume (Litres)	120.00	Solar radiation ref period (kWh/m2/day)	3.50

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack freezing capacity (Kg/24 hrs)	2.00	Waterpack storage capacity (Litres)	22.40
--	------	--	-------

Comments	"1. Display: Solar LED Temperature Display 2. Low power consumption" For solar direct drive units, the correct sizing of the solar panel array for a specific site is complex. Energy consumption, cool 1.1 Energy consumption during and critical. It must be agreed with both the appliance manufacturer and with the Qualified Supplier down test (kWh/24 hours): freezing: of the solar energy system at the time of ordering.
List of accessories	2 shelves; 2 padlocks; Instruction manual; Water injection device; Water preservative

VERIFICATION

Verification Report Reference	WB-23-0101		
Shipping volume (m3)	1.69	Shipping weight (kg)	186.00
Year of base price	2023	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-136
Description:	Icelined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GHR 200 AC	Country of Manufacture	India
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	10.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - absorption	Energy source	Electric Mains 220-240V 50/60Hz
Hold over time (hours:mn)	34.59	External dimensions length (mm)	846.00
External dimensions width (mm)	1260.00	EnergyConsump.Continuous Power(kWh/24h)	1.67
External dimensions height (mm)	847.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	226.00	Refrigerator's gross volume (Litres)	287.00
List of accessories	"Baskets, lock and key, Fridge Tag 2E with internal sensor, Solar Display Thermometer, Voltage Stabilizer (110V-280V)"		

VERIFICATION

Verification Report Reference	CE-JOB-NDA-23-000594-004		
Shipping volume (m3)	0.89	Price 1	Price 1 (Range 1-99 units) - USD1400
Shipping weight (kg)	72.00	Price 2	Price 2 (Range 100-199 units) - USD1400
Price 3	Price 3 (Range 200+ units) - USD1372	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-137
Description:	Icelined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	pratika@godrej.com
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GHR 90 AC	Country of Manufacture	India
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	External dimensions length (mm)	846.00
External dimensions width (mm)	762.00	EnergyConsump.Continuous Power(kWh/24h)	1.64
External dimensions height (mm)	847.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	104.00	Refrigerant type	#R290
Refrigerator's gross volume (Litres)	136.00		
List of accessories	"Baskets, lock and key, Fridge Tag 2E with internal sensor, Solar Display Thermometer, Voltage Stabilizer (110V-280V)"		

VERIFICATION

Verification Report Reference	CE-JOB-NDA-23-000594-004		
Shipping volume (m3)	0.78	Price 1	USD 1000
Shipping weight (kg)	100.00	Price 2	USD 1000
Price 3	USD 980	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-138
Description:	Vaccine/waterpacks freeze
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TVW4000AC	Country of Manufacture	Luxembourg
--------------------------------	-----------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	EnergyConsump.DuringFreezi ng(kWh/24h)	4.45
Hold over time (hours:mn)	50:09	External dimensions length (mm)	780.00
Energy consumption (cool down) (kWh/24h)	4.06	External dimensions width (mm)	915.00
EnergyConsump.Continuous Power(kWh/24h)	4.45	External dimensions height (mm)	1600.00

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	240.00	Refrigerant type	#R290
Refrigerator's gross volume (Litres)	249.00		

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Waterpack storage capacity (Litres)	252.00
Comments	Optionally available: the B Medical Systems RTMD with worldwide communication, real time alarms messages for temperature and open door alerts via SMS / EMAIL, GPS position using Google Maps, access to the webserver performance monitoring; compliant to all requirements of the WHO PQS E006/TR03.2 except for the LCD display (however the refrigerator has a digital display). This RTMD is exclusively bundled to B Medical Systems refrigerators / freezers. Includes warranty for 3 years. For more information and further conditions of warranty, please contact B Medical Systems. Optionally available in 115V/60Hz
	Waterpack freezing capacity 24KG / 15HRS
List of accessories	6 baskets, 2 keys, condenser cleaning brush, documentation

VERIFICATION

Verification Report Reference		WHO23-02	
Shipping volume (m3)	1.39	Price 1	4377 Euros
Shipping weight (kg)	124.00	Year of base price	2024
Incoterms	EXW	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



PQS code:	E003-140
Description:	Transportable vaccine storage device
Manufactured in:	Germany
Company:	EMK TEC GmbH
Contact Information	
Telephone:	+49 (34652) 670207
Web address:	https://emk-tec.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Indigo 201	Country of Manufacture	Germany
--------------------------------	------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Minimum rated ambient temperature (°C)	10.00	Performance at" (°C)	43.00
Energy source	Electric Mains 220-240V 50/60Hz	Hold over time (hours:mn)	120
External dimensions length (mm)	355.00	External dimensions width (mm)	483.00
External dimensions height (mm)	355.00		

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	2.00	Refrigerant type	Water
Refrigerator's gross volume (Litres)	2.00		

Comments	<p>"There are two components in the Indigo system: the transportable 201 Vaccine Carrier and the stationary C1 Charger.</p> <p>The vaccine carrier has features and capabilities that extend the reach of immunization programs. •</p> <ul style="list-style-type: none">Extended cooling: Provides vaccine-safe storage temperatures for five days of continuous use at 10 to 43 °C ambient temperature, without external power.Freeze-free: Prevents vaccine exposure to freezing temperatures without action from the user. •On/off switch: The five-day cold life of a charged vaccine carrier may be stored until needed.Safe: Contains no harmful materials or refrigerants.Portable: Transportable by car, motorcycle, or on foot.Reusable and durable with two year warranty <p>The charger restores the cooling capacity of the vaccine carrier after use. It is engineered to perform in the most challenging power environments. An operating range from 110VAC to 278VAC creates adaptability across infrastructures, while a suite of voltage stabilization features protects against damage and underperformance. For a single charge, the C1 Charger has a 4 hour charge cycle drawing 900 W for the first 2 hours and 100 W for the last 2 hours totaling 2 kWh of energy per charge. After the charge is complete the transportable Indigo Vaccine Carrier can be stored until ready for use and needs no additional power input to provide its five days of cold life.</p> <p>A single charger supports multiple vaccine carriers. Changes in geography, fuel cost, and staffing costs can drive the optimal carrier-to-charger ratio for a specific deployment as low as 4:1 or as high as 20:1.</p> <p>Sample weight is 8.8 kg.</p> <p>Visit www.indigocold.org to learn more.</p> <p>Shipping volume: Carrier: 0.08 m3; Charger0.18m3</p> <p>Shipping weight: 11 kg; Charger 34kg</p>
List of accessories	English/French manuals, No. 1 Phillips screwdriver, VaroTM OTG Adaptor

VERIFICATION

Verification Report Reference	22437/EK02/V1
--------------------------------------	---------------

Shipping volume (m3)	0.026	Price 1	carrier: USD1,450 ; charger: USD 2,900
Shipping weight (kg)	45.00	Year of base price	2024
Incoterms	EXW	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E003: Refrigerators and freezers



No image available

PQS code:	E003-37
Description:	Icelined refrigerator
Manufactured in:	India
Company:	Godrej & Boyce MFG. Co. Ltd.
Contact Information	
Address:	Plant 01, Pirojshanagar, Vikhroli West Mumbai 400 079 India India
Telephone:	+91 22 67966201
Email:	medicalref@godrej.com.invalid
Web address:	http://www.godrejappliances/medical

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GHR 90 AC	Country of Manufacture	India
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	10.00
Performance at" (°C)	43.00	Fuel and refrigeration cycle	Electric - compression
Energy source	Electric Mains 220-240V 50/60Hz	External dimensions length (mm)	85.00
External dimensions width (mm)	76.00	EnergyConsump.Continuous Power(kWh/24h)	1.64
External dimensions height (mm)	85.00		

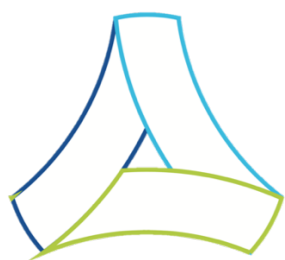
PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	104.00	Refrigerant type	#R290
Refrigerator's gross volume (Litres)	136.00		
List of accessories	"Baskets, lock and key, Fridge Tag 2E with internal sensor, Solar Display Thermometer, Voltage Stabilizer (110V-280V)"		

VERIFICATION

Verification Report Reference	CE-JOB-NDA-23-000594-004		
Shipping volume (m3)	0.78	Price 1	USD 1000
Shipping weight (kg)	100.00	Price 2	USD 1000
Price 3	USD 980	Year of base price	2023
Incoterms	EXW	Quality Standard	Other
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004

Cold boxes and vaccine carriers

The category E004 includes cold boxes, vaccine carriers and other passive, insulated containers used primarily for the transport and sometimes for the temporary storage of vaccines. Passive devices are non-powered devices that use ice-packs or other thermal storage materials to control the temperature of the vaccine compartment.

Details regarding the products included in each sub-category of E004, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E004.1: Choosing a cold box or vaccine carrier

End-users of insulated containers and their procurement agents are advised to consider the following points when choosing vaccine storage equipment from this category:

Vaccine storage capacity: Vaccine storage capacity of each product is detailed on the individual product data sheets. The quantity and type of vaccine that requires transportation will be determined by the intended programmatic use of the cold box or vaccine carrier. Further guidance on the selection of passive containers can be found in the WHO Vaccine Management Handbook [How to use passive containers and coolant-packs for vaccine transport and outreach operations](#).

Freeze-preventive products:

Freeze-preventive vaccine carriers and cold boxes should be considered for Expanded Programmes on Immunization (EPIs) that employ a frozen water pack policy (FWP). Freeze-preventive vaccine carriers and cold boxes protect vaccines from being exposed to freezing temperatures, they do not require icepack conditioning and they maintain a long cold life. (Cold life is measured from the moment when the container lid is closed until the temperature of the warmest point in the vaccine storage compartment first reaches +10°C, at a constant ambient temperature of +43°C.) Storage volume may however be reduced in these products due to the addition of a freeze-prevention barrier between the icepacks and vaccines.

Cold/warm life: Three types of cold/warm life are included on the product data sheets, which indicate for how long a cold box or vaccine carrier maintains a safe storage temperature during transport.

- cold life with frozen icepacks
- cool life with cool water-packs
- warm life with warm water-packs.

Further guidance on the selection and use of coolant-packs can be found in the aforementioned WHO Vaccine Management Handbook "[How to use passive containers and coolant-packs for vaccine transport and outreach operations](#)".

Weight: Vaccine carriers are designed for a maximum fully loaded weight of 8 kg or less, and for cold boxes of 50 kg or less. However, in practice the maximum acceptable loaded weight is determined by how the box will be transported: by vehicle; by animal; by bicycle; or by hand. For health and safety reasons a worker should not be asked to lift a load greater than 25 kg and some workers may find this load excessive. Larger cold boxes may require two people to lift.

Durability: End-users and procurement agents should consider the conditions to which the insulated container will be exposed. Durability may be more important than weight for a container transported by vehicles over rough roads. The reverse applies to hand-carried boxes where weight and carrying comfort may be more important. Vaccine carriers are either constructed with a hard-plastic exterior, or with a soft canvas or flexible material around the insulated walls. Experience has shown that the soft, canvas-type carriers have a shorter life-span; they are liable to wear and tear given environmental conditions and the catches and straps also tend to disintegrate over time. A warning about their short working life is included in the data sheets. Backpacks custom made to carry some vaccine carriers are now available, and additionally, confer ergonomic advantages.

Foaming agent: Products which use cyclopentane or other alternative materials as the insulation foaming agent are environmentally preferable to products that use R141b due to effects on ozone depletion. Products containing CFCs are no longer acceptable under WHO IMD-PQS standards for prequalification.

Water-packs: Before placing an order, check that water-packs are included. If they are not included, select the appropriate water-pack model that will fit the chosen insulated container and order them at the same time. The product data sheets specify how many and which water-packs models are required. Consider ordering two sets so that one set can be frozen, or cooled, while the other set is in use.

Water-pack standardization: Wherever possible, try to purchase cold boxes and vaccine carriers which use just one size of water-pack and use these across the entire programme. This simplifies distribution management and prevents the use of water-packs which are not designed to fit the available cold boxes and vaccine carriers.

Cost: Insulated containers are bulky and shipping costs can often represent a high proportion of the total delivered price. Consider both the purchase price (EXW - ex-works)

and the shipping cost before making a final decision. Choose a product that fulfils programme and equipment requirements at the lowest cost.

Optional accessories: Some insulated containers may be offered with optional accessories, such as alternative carrying straps or backpacks, which may in some cases be costed in addition to the equipment: check this with the supplier and procurement agent at the time of procurement.

E004.2: Cool water-packs and warm water-packs

Cool water packs completely eliminate the risk of freezing freeze-sensitive vaccines, but they have a shorter period of safe storage compared to frozen water-packs. Correctly used, they do not cause a significant loss of potency due to heat exposure. Warm water-packs can be used to protect vaccines against freeze damage during transport in very cold climates.

Further guidance on the use of cool and warm water-packs can be found in the WHO Vaccine Management Handbook [How to use passive containers and coolant-packs for vaccine transport and outreach operations](#).

E004.3: Keeping vaccines cool during immunization sessions

A number of vaccine carriers are supplied with a foam pad insert. This serves as a temporary lid to keep vaccines cool, whilst at the same time providing a surface to hold and protect vaccine vials during immunization sessions. The insert is a simple piece of soft foam which fits tightly inside the "neck" of the carrier on top of the icepacks and below the lid.

The practice of removing an icepack from the carrier and placing the reconstituted vial in the hole molded into its surface is no longer recommended. Placing freeze-sensitive vaccines in contact with a frozen icepack could result in loss of vaccine potency.

E004.4: Calculating requirements

To calculate the quantity of vaccine that must be transported, use data on vaccine volume per dose taken from Table 7 of the [WHO guidelines on the international packaging and shipping of vaccines](#) or use the [EVM assessment tool](#) which can be downloaded from the website of the [Effective Vaccine Management Initiative](#).

E004.5: Future developments

There is an increasing need for larger-capacity products in the immunization supply chain because vaccine volumes are increasing dramatically. Large-capacity insulated containers would offer the possibility of simpler and more secure transport for large quantities of

vaccines from primary to sub-national level. WHO will explore developing suitable IMD-PQS specifications for this type of insulated container.

As the vaccine volumes increase, and with increased weight and size of equipment to prevent vaccine freezing, transporting and especially carrying insulated containers by hand can be more difficult and less comfortable for health workers. WHO intends to support the development specifications to

WHO intends to support the development of specifications that will help encourage improvements to ergonomics and comfortability of this type of equipment.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E004/CB06.1: Vaccine cold box – Ultra-low temperature storage \(provisional\)](#)

[PQS performance specification E004/CB02.1: Large capacity vaccine cold box](#)

[PQS performance specification E004/VC01.2: Vaccine carrier](#)

[PQS performance specification E004/VC02.1: Vaccine carrier with freeze-prevention technology](#)

[PQS performance specification E004/CB01.3: Vaccine cold box](#)

[PQS performance specification E004/CB04.1: Vaccine cold box – long-term storage – 10 days](#)

[PQS performance specification E004/CB03.1: Vaccine cold box – long-term storage – 35 days](#)

[PQS performance specification E004/CB05.3: Vaccine cold box with freeze-prevention technology](#)

Verification protocols

[PQS type-testing protocol E004/CB02-VP.1: Large-capacity vaccine cold box](#)

[PQS independent type-testing protocol E004/VC01-VP2: Vaccine carrier](#)

[PQS independent type-testing protocol E004/CB01-VP.3: Vaccine cold box](#)

[PQS independent type-testing protocol E004/CB05-VP.3: Vaccine cold box with freeze-prevention technology](#)

[PQS type-testing protocol E004/CB04-VP.1: Vaccine cold box – long-term storage – 10 days](#)

[PQS type-testing protocol E004/CB03-VP.1: Vaccine cold box – long-term storage – 35 days](#)

[PQS type-testing protocol E004/VC02.VP.1: Vaccine carrier with freeze-prevention technology](#)

Guidance for manufacturers/suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[Aide-memoire for prevention of freeze damage to vaccines](#)

[Guidelines on the international packaging and shipping of vaccines](#)

[How to calculate vaccine volumes and cold chain capacity requirements](#)

[How to develop and repair a maintenance system for cold chain equipment](#)

[How to use passive containers and coolant-packs for vaccine transport and outreach operations](#)



E004: Cold boxes and vaccine carriers



PQS code:	E004-002
Description:	Vaccine Carrier LR 3L
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsyste.ms.com
Web address:	www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCW4	Country of Manufacture	Luxembourg
--------------------------------	------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	3.00	Cold life at +43°C * (hrs:mn)	30:3
Warm life at - 20°C *(hrs:mn)	12:9	External dimensions length (mm)	362.00
Cool life at +43°C *(hrs:mn)	6:7	External dimensions height (mm)	299.00
Weight empty(Kg)	3.10	External dimensions width (mm)	283.00
Weight fully loaded (Kg)	7.30	Internal dimensions (length, mm)	260.00
Internal dimensions (height, mm)	186.00	Internal dimensions (width, mm)	156.00
Number coolant packs	7.00	Model coolant pack	6 x 03 l + 1 x 06 l
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Warm life at - 20°C: 129 hours Range storage capacity: 2 - 5 L Title: VC 3L RCW4 Dometic Accessories: 6 Waterpacks of 0.3L; 1 waterpack of 0.3L; 1 crustal thermometer; inserts (small and large); carrying strap.
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.036	Price 1	>100 or more units: 296 €
Shipping weight per carton(kg)	4	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015; ISO 14001:2015	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		A65524a	
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-003
Description: Cold Box SR 6L
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCW8	Country of Manufacture	Luxembourg
--------------------------------	------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	6.00	Cold life at +43°C * (hrs:mn)	57:9
Warm life at - 20°C *(hrs:mn)	21:6	External dimensions length (mm)	588.00
Cool life at +43°C *(hrs:mn)	12:00	External dimensions height (mm)	437.00
Weight empty(Kg)	6.80	External dimensions width (mm)	288.00
Weight fully loaded (Kg)	16.40	Internal dimensions (length, mm)	460.00
Internal dimensions (height, mm)	245.00	Internal dimensions (width, mm)	180.00
Number coolant packs	12.00	Model coolant pack	10 x 06 l + 2 x 03 l
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges
Comments	Warm life at - 20°C: 216 hours Range storage capacity: 5 - 10 L Title: CB RCW8 6L Accessories: 10 waterpack of 0.6L; 2 waterpacks of 0.3L; crustal thermometer; inserts (small and large); carrying strap		

PRICE AND SHIPPING

Shipping volume (m3)	0.089	Price 1	>100 or more units: 346 €
Shipping weight per carton(kg)	10	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E004/VC1.1 Applicable PQS VP(s): E004/VC1-VP.1
Quality standard (Other)	ISO 9001:2015; ISO 14001:2015	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		A65524b	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-004
Description: Cold Box LR 7L
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCW12	Country of Manufacture	Luxembourg
-------------------------	-------	------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	7.00	Cold life at +43°C * (hrs:mn)	114:50
Warm life at - 20°C *(hrs:mn)	40:09	External dimensions length (mm)	550.00
Cool life at +43°C *(hrs:mn)	26:4	External dimensions height (mm)	499.00
Weight empty(Kg)	11.70	External dimensions width (mm)	475.00
Weight fully loaded (Kg)	23.30	Internal dimensions (length, mm)	340.00
Internal dimensions (height, mm)	270.00	Internal dimensions (width, mm)	260.00
Number coolant packs	14.00	Model coolant pack	06 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments Available as option and on request with B Medical Systems remote temperature monitoring device (RTMD) or 30-day logger separately.
Accessories: 14 waterpacks 0.6L; liquid crystal thermometer
Range storage capacity: 5 - 10 L
Title: CB 7L RCW12

PRICE AND SHIPPING

Shipping volume (m3)	0.148	Price 1	>100 units: 666 €
Shipping weight per carton(kg)	17	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E04/CB01.1 Applicable PQS VP(s): E04/CB01-VP.1
Quality standard (Other)	ISO 9001:2015; 14001:2015	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		A65524c	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-005
Description: Cold Box LR 20L
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCW25	Country of Manufacture	Luxembourg
-------------------------	-------	------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	20.00	Cold life at +43°C * (hrs:mn)	134:40
Warm life at - 20°C *(hrs:mn)	49:30	External dimensions length (mm)	710.00
Cool life at +43°C *(hrs:mn)	34:24	External dimensions height (mm)	499.00
Weight empty(Kg)	15.90	External dimensions width (mm)	550.00
Weight fully loaded (Kg)	38.90	Internal dimensions (length, mm)	496.00
Internal dimensions (height, mm)	264.00	Internal dimensions (width, mm)	334.00
Number coolant packs	24.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Available as option and on request with B Medical Systems remote temperature monitoring device (RTMD) or 30-day logger separately. Accessories: 24 waterpacks 0.6L; liquid crystal thermometer Range storage capacity: 10 - 20 L Title: Col Box LR 20L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.221	Price 1	>100 or more units: 846 €
Shipping weight per carton(kg)	23	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2015; ISO 14001:2015	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		A65524d	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-007
Description:	Vaccine Carrier SR 0.8L
Manufactured in:	India
Company:	AOV International LLP
Contact Information	
Address:	C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone:	+91 80102 66834
Email:	rohit.raman@aovinternational.net
Web address:	www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ADVC-24	Country of Manufacture	India
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	0.80	Cold life at +43°C * (hrs:mn)	20:16
Warm life at - 20°C *(hrs:mn)	7:55	External dimensions length (mm)	250.00
Cool life at +43°C *(hrs:mn)	3:53	External dimensions height (mm)	210.00
Weight empty(Kg)	1.34	External dimensions width (mm)	180.00
Weight fully loaded (Kg)	2.18	Internal dimensions (length, mm)	173.00
Internal dimensions (height, mm)	121.00	Internal dimensions (width, mm)	103.00
Number coolant packs	2.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 17.3 x 10.3 x 4.5 cm Range storage capacity: 2 L
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.15	Price 1	7.5 USD per unit
Shipping weight per carton(kg)	21	Year of base price	2014
Minimum order	12.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	S09EEC01924/AT/JT
--------------------------------------	-------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-008
Description:	Vaccine Carrier LR 1.35 L
Manufactured in:	India
Company:	AOV International LLP
Contact Information	
Address:	C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone:	+91 80102 66834
Email:	rohit.raman@aovinternational.net
Web address:	www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AVC-44	Country of Manufacture	India
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.35	Cold life at +43°C * (hrs:mn)	40:02
Warm life at - 20°C *(hrs:mn)	15:52	External dimensions length (mm)	240.00
Cool life at +43°C *(hrs:mn)	7:48	External dimensions height (mm)	300.00
Weight empty(Kg)	2.22	External dimensions width (mm)	240.00
Weight fully loaded (Kg)	4.36	Internal dimensions (length, mm)	99.00
Internal dimensions (height, mm)	165.00	Internal dimensions (width, mm)	99.00
Number coolant packs	4.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 9.0 x 9.1 x 16.5 cm Range storage capacity: 2 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.18	Price 1	11.50 USD per unit
Shipping weight per carton(kg)	21	Year of base price	2018
Minimum order	8.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	S09EEC01925/AT/JT
--------------------------------------	-------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-009
Description:	Vaccine Carrier LR 2.5 L
Manufactured in:	India
Company:	AOV International LLP
Contact Information	
Address:	C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone:	+91 80102 66834
Email:	rohit.raman@aovinternational.net
Web address:	www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AVC-46	Country of Manufacture	India
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.50	Cold life at +43°C * (hrs:mn)	50:12
Warm life at - 20°C *(hrs:mn)	15:57	External dimensions length (mm)	270.00
Cool life at +43°C *(hrs:mn)	9:47	External dimensions height (mm)	320.00
Weight empty(Kg)	2.98	External dimensions width (mm)	270.00
Weight fully loaded (Kg)	6.36	Internal dimensions (length, mm)	122.00
Internal dimensions (height, mm)	190.00	Internal dimensions (width, mm)	122.00
Number coolant packs	4.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 11.38 x 11.38 x 19.0 cm Range storage capacity: 2 - 5 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	12.00 USD
Shipping weight per carton(kg)	14	Year of base price	2016
Minimum order	4.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719164356EEC09/KGT
--------------------------------------	--------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-010
Description: Cold box LR 23 L
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640;+91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-011
Description: Vaccine Carrier SR 0.9 L
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640; +91-9811037640 Tel. #: +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax #: +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AIDVC-24	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	0.90	Cold life at +43°C * (hrs:mn)	21:30
Warm life at - 20°C *(hrs:mn)	8:00	External dimensions length (mm)	250.00
Cool life at +43°C *(hrs:mn)	4:30	External dimensions height (mm)	214.00
Weight empty(Kg)	1.31	External dimensions width (mm)	180.00
Weight fully loaded (Kg)	2.27	Internal dimensions (length, mm)	165.00
Internal dimensions (height, mm)	120.00	Internal dimensions (width, mm)	100.00
Number coolant packs	2.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 16.5 x 10.0 x 5.0 cm Range storage capacity: 2 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	7.50 US\$
Shipping weight per carton(kg)	30	Year of base price	2016
Minimum order	24.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		719164808-EEC09/01	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-013
Description: Cold Box LR 23L
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East,
Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Mumbai
Maharashtra
India

Telephone: +91 9920026701

Email: vaishali.gaikwad@nilkamal.com

Web address: <http://www.nilkamal.com/>

Specifications

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-015
Description: Cold box LR 18L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ACB-503L	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	18.00	Cold life at +43°C * (hrs:mn)	126:32
Warm life at - 20°C *(hrs:mn)	44:48	External dimensions length (mm)	770.00
Cool life at +43°C *(hrs:mn)	28:05	External dimensions height (mm)	510.00
Weight empty(Kg)	21.78	External dimensions width (mm)	610.00
Weight fully loaded (Kg)	45.86	Internal dimensions (length, mm)	530.00
Internal dimensions (height, mm)	305.00	Internal dimensions (width, mm)	375.00
Number coolant packs	50.00	Model coolant pack	0.3 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 45.5 x 30.5 x 16.0 cm Range storage capacity: 10 - 20 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.27	Price 1	115 USD per unit
Shipping weight per carton(kg)	25.5	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719154910-EEC09
-------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-017
Description: Cold Box SR 16L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ACB 246LS	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	16.00	Cold life at +43°C * (hrs:mn)	93:33
Warm life at - 20°C *(hrs:mn)	31:22	External dimensions length (mm)	645.00
Cool life at +43°C *(hrs:mn)	20:42	External dimensions height (mm)	350.00
Weight empty(Kg)	14.50	External dimensions width (mm)	640.00
Weight fully loaded (Kg)	35.00	Internal dimensions (length, mm)	480.00
Internal dimensions (height, mm)	226.00	Internal dimensions (width, mm)	479.00
Number coolant packs	24.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 39.9 x 39.6 x 14.5 cm Range storage capacity: 10 - 20 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.17	Price 1	90 USD per unit
Shipping weight per carton(kg)	18	Year of base price	2018
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

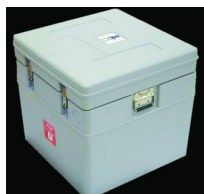
Verification Report Reference	719154909-EEC09
-------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-018
Description:	Cold Box LR 12L
Manufactured in:	India
Company:	Blowkings
Contact Information	
Address:	53-C Mittal Court Nariman Point Mumbai 400021 India India
Telephone:	+91-(0)22-22840120
Email:	munjal@blowkings.co.in
Web address:	http://www.blowkings.co.in/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CB-12-CF	Country of Manufacture	India
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	12.00	Cold life at +43°C * (hrs:mn)	156
Warm life at - 20°C *(hrs:mn)	53:00	External dimensions length (mm)	610.00
Cool life at +43°C *(hrs:mn)	33:00	External dimensions height (mm)	560.00
Weight empty(Kg)	20.40	External dimensions width (mm)	600.00
Weight fully loaded (Kg)	45.00	Internal dimensions (length, mm)	340.00
Internal dimensions (height, mm)	348.00	Internal dimensions (width, mm)	330.00
Number coolant packs	42.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 30 x 22 x 21 cm Range storage capacity: 10 - 20 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.22	Price 1	120 USD per unit
Shipping weight per carton(kg)	25	Year of base price	2016
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719169974-EEC10
--------------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-019

Description: Cold Box SR 7L

Manufactured in: India

Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
India

Telephone: +91-(0)22-22840120

Email: munjal@blowkings.co.in

Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CB-55-CF	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	7.00	Cold life at +43°C * (hrs:mn)	89:00
Warm life at - 20°C *(hrs:mn)	31:00	External dimensions length (mm)	490.00
Cool life at +43°C *(hrs:mn)	20:00	External dimensions height (mm)	395.00
Weight empty(Kg)	8.70	External dimensions width (mm)	440.00
Weight fully loaded (Kg)	23.00	Internal dimensions (length, mm)	350.00
Internal dimensions (height, mm)	270.00	Internal dimensions (width, mm)	285.00
Number coolant packs	24.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 28 x 21 x 16.5 cm Range storage capacity: 5 - 10 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	100 USD per unit
Shipping weight per carton(kg)	12	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719164472EEC09
-------------------------------	----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-020

Description: Vaccine carrier LR 2.6L

Manufactured in: India

Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
India

Telephone: +91-(0)22-22840120

Email: munjal@blowkings.co.in

Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BK-VC 2.6-CF	Country of Manufacture	India
-------------------------	--------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.60	Cold life at +43°C * (hrs:mn)	43:00
Warm life at - 20°C *(hrs:mn)	18:00	External dimensions length (mm)	260.00
Cool life at +43°C *(hrs:mn)	7:00	External dimensions height (mm)	320.00
Weight empty(Kg)	1.90	External dimensions width (mm)	260.00
Weight fully loaded (Kg)	4.50	Internal dimensions (length, mm)	190.00
Internal dimensions (height, mm)	225.00	Internal dimensions (width, mm)	190.00
Number coolant packs	4.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 11.5 x 11.5 x 19.5 cm Range storage capacity: 2 - 5 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	8 or more units: 16.00 US\$
Shipping weight per carton(kg)	12	Year of base price	2014
Minimum order	8.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	S08EEC01362/AT/JT
-------------------------------	-------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-021

Description: Vaccine carrier LR 1.7L

Manufactured in: India

Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India

Telephone: +91-(0)22-22840120

Email: munjal@blowkings.co.in

Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BK-VC 1.7-CF	Country of Manufacture	India
-------------------------	--------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.70	Cold life at +43°C * (hrs:mn)	38:00
Warm life at - 20°C *(hrs:mn)	13:00	External dimensions length (mm)	260.00
Cool life at +43°C *(hrs:mn)	6:00	External dimensions height (mm)	285.00
Weight empty(Kg)	1.60	External dimensions width (mm)	250.00
Weight fully loaded (Kg)	4.00	Internal dimensions (length, mm)	170.00
Internal dimensions (height, mm)	185.00	Internal dimensions (width, mm)	170.00
Number coolant packs	4.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 10 x 10 x 17 cm Range storage capacity: 2 - 5 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.17	Price 1	8 or more units: 14 USD
Shipping weight per carton(kg)	20	Year of base price	2016
Minimum order	8.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719171438EEC10
-------------------------------	----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-022
Description:	Vaccine carrier SR 0.9L
Manufactured in:	India
Company:	Blowkings
Contact Information	
Address:	53-C Mittal Court Nariman Point Mumbai 400021 India India
Telephone:	+91-(0)22-22840120
Email:	munjal@blowkings.co.in
Web address:	http://www.blowkings.co.in/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VDC-24-CF	Country of Manufacture	India
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	0.90	Cold life at +43°C * (hrs:mn)	20:00
Warm life at - 20°C *(hrs:mn)	6:00	External dimensions length (mm)	225.00
Cool life at +43°C *(hrs:mn)	3:00	External dimensions height (mm)	250.00
Weight empty(Kg)	1.00	External dimensions width (mm)	160.00
Weight fully loaded (Kg)	2.20	Internal dimensions (length, mm)	130.00
Internal dimensions (height, mm)	165.00	Internal dimensions (width, mm)	100.00
Number coolant packs	2.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polypropylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 6 x 10 x 16.5 cm Range storage capacity: 2 L
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	9.00 USD per unit
Shipping weight per carton(kg)	12	Year of base price	2014
Minimum order	12.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.1 Applicable PQS VP(s): E004/VC01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719169972-EEC10/01
--------------------------------------	--------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-023
Description: Cold box LR 6L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ACB-264SL	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	6.00	Cold life at +43°C * (hrs:mn)	132:18
Warm life at - 20°C *(hrs:mn)	48:41	External dimensions length (mm)	624.00
Cool life at +43°C *(hrs:mn)	29:47	External dimensions height (mm)	426.00
Weight empty(Kg)	12.82	External dimensions width (mm)	502.00
Weight fully loaded (Kg)	25.40	Internal dimensions (length, mm)	403.00
Internal dimensions (height, mm)	211.00	Internal dimensions (width, mm)	282.00
Number coolant packs	26.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 33.00 x 21.20 x 16.60 cm Range storage capacity: 5 - 10 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	85 USD per unit
Shipping weight per carton(kg)	16	Year of base price	2016
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719154908-EEC09 TUV SUD
-------------------------------	-------------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-024
Description: Cold Box LR 18L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ACB-316L	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	18.00	Cold life at +43°C * (hrs:mn)	145:51
Warm life at - 20°C *(hrs:mn)	57:42	External dimensions length (mm)	770.00
Cool life at +43°C *(hrs:mn)	34:35	External dimensions height (mm)	513.00
Weight empty(Kg)	20.78	External dimensions width (mm)	618.00
Weight fully loaded (Kg)	47.86	Internal dimensions (length, mm)	529.00
Internal dimensions (height, mm)	300.00	Internal dimensions (width, mm)	375.00
Number coolant packs	31.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 44.20 x 29.30 x 18.30 cm Range storage capacity: 10 - 20 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.27	Price 1	115 USD per unit
Shipping weight per carton(kg)	25	Year of base price	2016
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719154912-EEC09
-------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-025
Description:	Cold Box LR 20L
Manufactured in:	India
Company:	Blowkings
Contact Information	
Address:	53-C Mittal Court Nariman Point Mumbai 400021 India India
Telephone:	+91-(0)22-22840120
Email:	munjal@blowkings.co.in
Web address:	http://www.blowkings.co.in/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CB-20-CF	Country of Manufacture	India
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	20.00	Cold life at +43°C * (hrs:mn)	138
Warm life at - 20°C *(hrs:mn)	46:00	External dimensions length (mm)	795.00
Cool life at +43°C *(hrs:mn)	31:00	External dimensions height (mm)	565.00
Weight empty(Kg)	22.00	External dimensions width (mm)	562.00
Weight fully loaded (Kg)	49.50	Internal dimensions (length, mm)	530.00
Internal dimensions (height, mm)	320.00	Internal dimensions (width, mm)	300.00
Number coolant packs	39.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 53.0 x 23.0 x 20.0 cm Range storage capacity: 10 - 20 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.26	Price 1	160 USD per unit
Shipping weight per carton(kg)	27	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.1 Applicable PQS VP(s): E004/CB01-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	719184761-EEC10
--------------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-026
Description: Cold box SR 16L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
 Maharashtra
 India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB246LS	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	16.00	Cold life at +43°C * (hrs:mn)	73:32
Warm life at - 20°C *(hrs:mn)	19:26	External dimensions length (mm)	650.00
Cool life at +43°C *(hrs:mn)	26:06	External dimensions height (mm)	370.00
Weight empty(Kg)	12.10	External dimensions width (mm)	650.00
Weight fully loaded (Kg)	34.80	Internal dimensions (length, mm)	480.00
Internal dimensions (height, mm)	210.00	Internal dimensions (width, mm)	480.00
Number coolant packs	24.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 40.00 x 40.00 x 11.00 cm Range storage capacity: 10 - 20 L		

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	1 or more units: 100 US\$
Shipping weight per carton(kg)	16	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WHO 10-011	
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-027
Description: Cold box SR 15L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Maharashtra India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB324SS	Country of Manufacture	India
-------------------------	----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	15.00	Cold life at +43°C * (hrs:mn)	53:36
Warm life at - 20°C *(hrs:mn)	16:23	External dimensions length (mm)	650.00
Cool life at +43°C *(hrs:mn)	21:03	External dimensions height (mm)	370.00
Weight empty(Kg)	12.20	External dimensions width (mm)	650.00
Weight fully loaded (Kg)	33.85	Internal dimensions (length, mm)	480.00
Internal dimensions (height, mm)	200.00	Internal dimensions (width, mm)	480.00
Number coolant packs	32.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 41.00 x 41.00 x 9.00 Range storage capacity: 10 - 20 L		

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	1 or more units: 100 US\$
Shipping weight per carton(kg)	16	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WHO 10-009	
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-028
Description: Vaccine carrier SR 0.9L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Maharashtra India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BBVC23	Country of Manufacture	India
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	0.90	Cold life at +43°C * (hrs:mn)	17:50
Warm life at - 20°C *(hrs:mn)	4:26	External dimensions length (mm)	246.00
Cool life at +43°C *(hrs:mn)	4:32	External dimensions height (mm)	215.00
Weight empty(Kg)	1.30	External dimensions width (mm)	180.00
Weight fully loaded (Kg)	2.40	Internal dimensions (length, mm)	174.00
Internal dimensions (height, mm)	120.00	Internal dimensions (width, mm)	105.00
Number coolant packs	2.00	Model coolant pack	0.3 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid
Comments	Vaccine storage dimensions (cm): 17.4 x 10.5 x 5.0 cm Range storage capacity: 2 L		

PRICE AND SHIPPING

Shipping volume (m3)	0.01	Price 1	1 or more units: 8.7 US\$
Shipping weight per carton(kg)	1.74	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WHO 10-007	
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-029
Description: Vaccine carrier LR 1.5L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BCVC43	Country of Manufacture	India
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.50	Cold life at +43°C * (hrs:mn)	41:02
Warm life at - 20°C *(hrs:mn)	15:43	External dimensions length (mm)	280.00
Cool life at +43°C *(hrs:mn)	9:30	External dimensions height (mm)	315.00
Weight empty(Kg)	2.60	External dimensions width (mm)	280.00
Weight fully loaded (Kg)	4.90	Internal dimensions (length, mm)	165.00
Internal dimensions (height, mm)	200.00	Internal dimensions (width, mm)	165.00
Number coolant packs	4.00	Model coolant pack	0.3 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 9.5 x 9.5 x 17.0 cm Range storage capacity: 2 - 5 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	1 or more units: 12.7 US\$
Shipping weight per carton(kg)	3	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WHO 10-008	
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-030
Description: Cold Box SR 8L
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
 Mob: +91-9810047640; +91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AICB-243s	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	8.00	Cold life at +43°C * (hrs:mn)	84:07
Warm life at - 20°C *(hrs:mn)	27:51	External dimensions length (mm)	544.00
Cool life at +43°C *(hrs:mn)	17:01	External dimensions height (mm)	420.00
Weight empty(Kg)	11.57	External dimensions width (mm)	445.00
Weight fully loaded (Kg)	22.41	Internal dimensions (length, mm)	346.00
Internal dimensions (height, mm)	240.00	Internal dimensions (width, mm)	280.00
Number coolant packs	24.00	Model coolant pack	0.3 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 27.0 x 20.4 x 15.0 cm Range storage capacity: 5 - 10 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.101	Price 1	10 or more units: 130 US\$
Shipping weight per carton(kg)	23	Year of base price	2014
Minimum order	10.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		719184756-EEC10	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-031
Description: Cold Box LR 22.5 L
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640;+91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India

Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-032
Description:	Vaccine carrier LR 2.6L
Manufactured in:	Italy
Company:	Giostyle SpA
Contact Information	
Address:	Giostyle SpA Via Battaina 393 24059 Urgnano (BG) Italy
Telephone:	+39 035 4188501
Email:	christian.abbadini@giostyle.com
Web address:	www.giostyle.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Gio'Style VC 2.6L	Country of Manufacture	Italy
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.60	Cold life at +43°C * (hrs:mn)	41:29
Warm life at - 20°C *(hrs:mn)	11:36	External dimensions length (mm)	290.00
Cool life at +43°C *(hrs:mn)	12:10	External dimensions height (mm)	320.00
Weight empty(Kg)	1.80	External dimensions width (mm)	240.00
Weight fully loaded (Kg)	6.50	Internal dimensions (length, mm)	220.00
Internal dimensions (height, mm)	240.00	Internal dimensions (width, mm)	180.00
Number coolant packs	8.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polypropylene
Internal lining materials	Polypropylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 14.5 x 11.5 x 16.0 cm Range storage capacity: 2 - 5 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.18	Price 1	8 or more units: 25.90 US\$
Shipping weight per carton(kg)	18.5	Year of base price	2011
Minimum order	8.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	WHO-10-003
--------------------------------------	------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-034
Description: Cold box 6L Long Range
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East,
Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Mumbai
Maharashtra
India

Telephone: +91 9920026701

Email: vaishali.gaikwad@nilkamal.com

Web address: <http://www.nilkamal.com/>

Specifications

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2024-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-036
Description: Cold box LR 20L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB 444L-A	Country of Manufacture	India
-------------------------	------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	20.25	Cold life at +43°C * (hrs:mn)	152:28
Warm life at - 20°C *(hrs:mn)	27:35	External dimensions length (mm)	770.00
Cool life at +43°C *(hrs:mn)	51:17	External dimensions height (mm)	535.00
Weight empty(Kg)	20.53	External dimensions width (mm)	620.00
Weight fully loaded (Kg)	49.70	Internal dimensions (length, mm)	510.00
Internal dimensions (height, mm)	275.00	Internal dimensions (width, mm)	360.00
Number coolant packs	44.00	Model coolant pack	Type 3 0.4L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 45.00 x 30.00 x 15.00 cm Range storage capacity: > 20 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.25	Price 1	132.00 USD per unit
Shipping weight per carton(kg)	25.21	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference

WHO 12-022

Current PQS status:

Prequalified

Valid until:

2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-040
Description: Vaccine carrier Long Range 2.7L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
 Maharashtra
 India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vaccine carrier LR BCVC46	Country of Manufacture	India
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.70	Cold life at +43°C * (hrs:mn)	46:23
Warm life at - 20°C *(hrs:mn)	17:12	External dimensions length (mm)	270.00
Cool life at +43°C *(hrs:mn)	13:43	External dimensions height (mm)	320.00
Weight empty(Kg)	2.32	External dimensions width (mm)	270.00
Weight fully loaded (Kg)	6.40	Internal dimensions (length, mm)	190.00
Internal dimensions (height, mm)	190.00	Internal dimensions (width, mm)	190.00
Number coolant packs	4.00	Model coolant pack	Type 4: 0.6L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polystyrene	Lid type fixing	Removable lid

Comments Vaccine storage dimensions (cm): 12.0 x 12.0 x 19.0 cm
 Range storage capacity: 2 - 5 L

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	15.80 USD per unit
Shipping weight (kg)	2.85	Year of base price	2014
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference

WHO 14-027 V2

Current PQS status:

Prequalified

Valid until:

2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-041
Description:	Long-Term Passive Device
Manufactured in:	China
Company:	Qingdao Aucma Global Medical Co.,Ltd.
Contact Information	
Address:	315 Qianwangang Road, Economic & Technological Development Zone, Qingdao, China
Telephone:	+86 532 86763602
Email:	lishouda@aucma.com.cn
Web address:	http://aucmaglobal.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ARKTEK™ model YBC-5 (P6)	Country of Manufacture	China
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	5.40	Cold life at +43°C * (hrs:mn)	840
Warm life at - 20°C *(hrs:mn)	146.4	External dimensions length (mm)	0.00
External dimensions height (mm)	747.00	Weight empty(Kg)	22.00
External dimensions width (mm)	528.00	Weight fully loaded (Kg)	39.50
Internal dimensions (length, mm)	311.00	Minimum Rated Ambient Temp (°C)	5.00
Internal dimensions (height, mm)	0.00	Internal dimensions (width, mm)	332.00
Number coolant packs	8.00	Model coolant pack	Unique for device
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Dewar	External materials	HDPE
Internal lining materials	Aluminum Alloy	Lid type fixing	Removable lid

Comments	This device is intended to be used as a stationary passive container to store vaccines for a period of minimum 35 days before recharge with icepacks. OEM name and address: AUCMA Co. Ltd. 315 Qianwangang Road Economic & Technological Development Zone Qingdao China Range storage capacity: 5 - 10 L Vaccine storage dimensions (cm): 28.3 x 9.8 x 28.5
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.376	Price 1	up to 99 units: 2393 USD per unit
Price 2	100 units and more: 2193 USD	Shipping weight per carton(kg)	32.5
Year of base price	2015	Minimum order	5.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB03.1 Applicable PQS VP(s): E004/CB03-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	In process

VERIFICATION

Verification Report Reference		WB-14-644	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-042
Description: Cold box SR 16L
Manufactured in: Japan
Company: EBAC CO. Ltd.

Contact Information

Address: 1-6-5 Yakumo, Meguro-Ku 152-0023 Tokyo Japan
Japan
Telephone: +81 3 3724 3681
Email: k.jongwon@ebac.co.jp
Web address: www.ebac.co.jp

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	EBT-30	Country of Manufacture	Japan
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	16.50	Cold life at +43°C * (hrs:mn)	60:30
Warm life at - 20°C *(hrs:mn)	38:26	External dimensions length (mm)	500.00
Cool life at +43°C *(hrs:mn)	18:27	External dimensions height (mm)	380.00
Weight empty(Kg)	2.24	External dimensions width (mm)	370.00
Weight fully loaded (Kg)	14.70	Internal dimensions (length, mm)	400.00
Internal dimensions (height, mm)	270.00	Internal dimensions (width, mm)	280.00
Number coolant packs	16.00	Model coolant pack	0.4L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	phenolic foam	External materials	Aluminum film
Internal lining materials	Aluminum film	Lid type fixing	Gripping strips
Comments	OEM name and address: Ikutakougei Co. Ltd 4-1 Donkochou Minato-Ku Nagoya-Shi Aichi-Ken Japan Range storage capacity: 5 - 10 L Vaccine storage dimensions (cm): 36.8 x 18.0 x 25.0		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	400 USD per unit
Shipping weight per carton(kg)	3	Year of base price	2015
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: CB01.2 Applicable PQS VP(s): CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WB-14-301	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-043
Description: Vaccine Carrier LR 3.4 L
Manufactured in: India
Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
Telephone: +91-(0)22-22840120
Email: munjal@blowkings.co.in
Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BK-VC 3.4 -CF	Country of Manufacture	India
-------------------------	---------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	3.40	Cold life at +43°C * (hrs:mn)	43:26
Warm life at - 20°C *(hrs:mn)	16:00	External dimensions length (mm)	288.00
Cool life at +43°C *(hrs:mn)	8:00	External dimensions height (mm)	337.00
Weight empty(Kg)	2.26	External dimensions width (mm)	289.00
Weight fully loaded (Kg)	4.90	Internal dimensions (length, mm)	133.00
Internal dimensions (height, mm)	190.00	Internal dimensions (width, mm)	133.00
Number coolant packs	4.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 13.3 x1 3.3 x 19 cm Range storage capacity: 2 - 5 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	\$21 per unit for 4 or more units
Shipping weight per carton(kg)	13	Year of base price	2016
Minimum order	4.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E04/VC01.2 Applicable PQS VP(s): E04/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	7191118692?EEC15/KGT
-------------------------------	----------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-044
Description: Vaccine carrier Long Range
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
 Mob: +91-9810047640; +91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AIVC-44LR	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.67	Cold life at +43°C * (hrs:mn)	35:42
Warm life at - 20°C *(hrs:mn)	17:18	External dimensions length (mm)	250.00
Cool life at +43°C *(hrs:mn)	3:25	External dimensions height (mm)	300.00
Weight empty(Kg)	1.99	External dimensions width (mm)	250.00
Weight fully loaded (Kg)	4.34	Internal dimensions (length, mm)	105.00
Internal dimensions (height, mm)	17.00	Internal dimensions (width, mm)	105.00
Number coolant packs	4.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Gripping strips

Comments	Vaccine storage dimensions (cm): 10.02 x 10.02 x 1.67 cm Range storage capacity: 2 L
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.18	Price 1	11.50 USD per unit
Shipping weight per carton(kg)	18	Year of base price	2016
Minimum order	1000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-DEL-16-000426-005	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-045
Description: Cold box
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640; +91-9811037640 Tel. #: +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax #: +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AICB-156L	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	5.50	Cold life at +43°C * (hrs:mn)	107:30
Warm life at - 20°C *(hrs:mn)	33:42	External dimensions length (mm)	540.00
Cool life at +43°C *(hrs:mn)	22:54	External dimensions height (mm)	415.00
Weight empty(Kg)	9.40	External dimensions width (mm)	445.00
Weight fully loaded (Kg)	22.33	Internal dimensions (length, mm)	350.00
Internal dimensions (height, mm)	240.00	Internal dimensions (width, mm)	280.00
Number coolant packs	15.00	Model coolant pack	0.6L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 27.0 x 20.0 x 10.3 cm Range storage capacity: 5 - 10 L		

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	130.0 USD per unit
Shipping weight per carton(kg)	13.7	Year of base price	2016
Minimum order	10.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.3 Applicable PQS VP(s): E004/CB01-VP.3
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-DEL-16-000426-006	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-046
Description: cold box Long Range
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640;+91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AICB-316L	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	22.40	Cold life at +43°C * (hrs:mn)	153:05
Warm life at - 20°C *(hrs:mn)	69:00	External dimensions length (mm)	770.00
Cool life at +43°C *(hrs:mn)	41:07	External dimensions height (mm)	515.00
Weight empty(Kg)	18.15	External dimensions width (mm)	615.00
Weight fully loaded (Kg)	49.20	Internal dimensions (length, mm)	520.00
Internal dimensions (height, mm)	282.00	Internal dimensions (width, mm)	370.00
Number coolant packs	31.00	Model coolant pack	0.6L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 44.8 x 29.8 x 16.8 cm Range storage capacity: > 20 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.27	Price 1	122.0 USD per unit
Shipping weight per carton(kg)	25	Year of base price	2016
Minimum order	10.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.2 Applicable PQS VP(s): E004/CB01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-DEL-16-000426-004	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-047
Description: Vaccine carrier long range
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
 Mob: +91-9810047640;+91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AIVC-46	Country of Manufacture	India
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.90	Cold life at +43°C * (hrs:mn)	51:08
Warm life at - 20°C *(hrs:mn)	25:11	External dimensions length (mm)	290.00
Cool life at +43°C *(hrs:mn)	12:55	External dimensions height (mm)	327.00
Weight empty(Kg)	2.63	External dimensions width (mm)	290.00
Weight fully loaded (Kg)	5.36	Internal dimensions (length, mm)	199.00
Internal dimensions (height, mm)	190.00	Internal dimensions (width, mm)	199.00
Number coolant packs	4.00	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene		

Comments	Vaccine storage dimensions (cm): 12.4 cm x 12.4 cm x 19 cm
-----------------	--

PRICE AND SHIPPING

Year of base price	2016	Incoterms	EXW
---------------------------	------	------------------	-----

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB01.3 Applicable PQS VP(s): E004/CB01-VP.3
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Date field validation	Mon, 01/16/2017 - 16:27		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-049
Description: Vaccine carrier
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Mumbai
Maharashtra
India

Telephone: +91 9920026701

Email: vaishali.gaikwad@nilkamal.com

Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BCVC43A	Country of Manufacture	India
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.44	Cold life at +43°C * (hrs:mn)	40:00
Warm life at - 20°C *(hrs:mn)	16:51	External dimensions length (mm)	252.00
Cool life at +43°C *(hrs:mn)	10:49	External dimensions height (mm)	305.00
Weight empty(Kg)	1.63	External dimensions width (mm)	252.00
Weight fully loaded (Kg)	3.80	Internal dimensions (length, mm)	165.00
Internal dimensions (height, mm)	165.00	Internal dimensions (width, mm)	165.00
Number coolant packs	4.00	Model coolant pack	BIP-3
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Removable lid
Comments	Vaccine storage dimensions (cm): 95mm x 95mm x 160mm		

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	11.00 USD per unit
Shipping weight per carton(kg)	2.14	Year of base price	2017
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Date field validation	Fri, 08/25/2017 - 16:28		

VERIFICATION

Verification Report Reference		CE-Job-Del-17-000026-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-050
Description:	Freeze-Free Vaccine Carrier Long Range
Manufactured in:	India
Company:	AOV International LLP
Contact Information	
Address:	C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone:	+91 80102 66834
Email:	rohit.raman@aovinternational.net
Web address:	www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AFVC-46	Country of Manufacture	India
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.50	Cold life at +43°C * (hrs:mn)	34:00
Warm life at - 20°C *(hrs:mn)	17:15	External dimensions length (mm)	310.00
External dimensions height (mm)	300.00	Weight empty(Kg)	4.20
External dimensions width (mm)	310.00	Weight fully loaded (Kg)	8.00
Internal dimensions (length, mm)	94.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	170.00	Internal dimensions (width, mm)	94.00
Number coolant packs	4.00	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC free Polyurethane	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 9.40 cm x 9.40 cm x 17.00 cm Range storage capacity: 2 L		

PRICE AND SHIPPING

Price 1	1 - 10 unit: US \$ 51.00	Price 2	11 - 100 units: US \$ 48
Price 3	> 100 units: US \$ 45	Year of base price	2017
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-051
Description:	Freeze-Free Vaccine Carrier Long Range
Manufactured in:	China
Company:	Qingdao Leff International Trading Co Ltd
Contact Information	
Address:	10, Yan er'dao Road Qingdao 266000 P.R.China China
Telephone:	+ 86 532 88961819
Email:	david@lefftrade.org
Web address:	www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FFVC-1.7L	Country of Manufacture	China
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.70	Cold life at +43°C * (hrs:mn)	33:42
Warm life at - 20°C *(hrs:mn)	15:17	External dimensions length (mm)	308.00
External dimensions height (mm)	300.00	Weight empty(Kg)	4.00
External dimensions width (mm)	308.00	Weight fully loaded (Kg)	8.00
Internal dimensions (length, mm)	100.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	190.00	Internal dimensions (width, mm)	100.00
Number coolant packs	4.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC free Polyurethane	External materials	HDPE
Internal lining materials	PP		

Comments	Vaccine storage dimensions (cm): 10 cm x 10 cm x 19 cm Range storage capacity: 2 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	100 units - USD39
Price 2	10 units - USD42	Shipping weight per carton(kg)	9.7
Price 3	1 units - USD45	Minimum order	1.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	In process

VERIFICATION

Verification Report Reference	WB-18-384
--------------------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-054
Description: Vaccine Carrier
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India

Telephone: +91 9920026701

Email: vaishali.gaikwad@nilkamal.com

Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BDVC44	Country of Manufacture	India
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.70	Cold life at +43°C * (hrs:mn)	38:37
Warm life at - 20°C *(hrs:mn)	15:26	External dimensions length (mm)	252.00
Cool life at +43°C *(hrs:mn)	7:20	External dimensions height (mm)	305.00
Weight empty(Kg)	1.65	External dimensions width (mm)	260.00
Weight fully loaded (Kg)	3.34	Internal dimensions (length, mm)	170.00
Internal dimensions (height, mm)	164.00	Internal dimensions (width, mm)	170.00
Number coolant packs	4.00	Model coolant pack	BIP-4
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 102 mm x 102 mm x 164 mm Range storage capacity: 2 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	\$ 12 per unit
Shipping weight per carton(kg)	2.1	Year of base price	2019
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Date field validation	Thu, 06/06/2019 - 16:30		

VERIFICATION

Verification Report Reference		CE-JOB-NDA-19-000224-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-055
Description: Vaccine Carrier Long range
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Mumbai
Maharashtra
India

Telephone: +91 9920026701

Email: vaishali.gaikwad@nilkamal.com

Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BDVC46	Country of Manufacture	India
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	3.36	Cold life at +43°C * (hrs:mn)	49:39
Warm life at - 20°C *(hrs:mn)	18:42	External dimensions length (mm)	295.00
Cool life at +43°C *(hrs:mn)	12:26	External dimensions height (mm)	335.00
Weight empty(Kg)	2.51	External dimensions width (mm)	295.00
Weight fully loaded (Kg)	5.17	Internal dimensions (length, mm)	202.00
Internal dimensions (height, mm)	194.00	Internal dimensions (width, mm)	202.00
Number coolant packs	4.00	Model coolant pack	BIP-6
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	HIPS	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 13.3 cm(L) x 13.3(L) cm x 19.0 Range storage capacity: 2 - 5 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.03	Price 1	\$19.00
Shipping weight per carton(kg)	2.88	Year of base price	2019
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference

CE-JOB-NDA-19-000732-001

Current PQS status:

Prequalified

Valid until:

2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



No image available

PQS code:	E004-056
Description:	Short range vaccine cold box
Manufactured in:	India
Company:	Nilkamal Limited
Contact Information	
Address:	77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Mumbai Maharashtra India
Telephone:	+91 9920026701
Email:	vaishali.gaikwad@nilkamal.com
Web address:	http://www.nilkamal.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB244SS	Country of Manufacture	India
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	10.70	Cold life at +43°C * (hrs:mn)	73:08
Warm life at - 20°C *(hrs:mn)	34:54	External dimensions length (mm)	493.00
Cool life at +43°C *(hrs:mn)	16:40	External dimensions height (mm)	397.00
Weight empty(Kg)	8.18	External dimensions width (mm)	455.00
Weight fully loaded (Kg)	18.14	Internal dimensions (length, mm)	362.00
Internal dimensions (height, mm)	254.00	Internal dimensions (width, mm)	294.00
Number coolant packs	24.00	Model coolant pack	BIP-4
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	LLDPE
Internal lining materials	LLDPE	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 22.3 cm(L) x 29.3(B) cm x 16.4 Range storage capacity: 10 - 20 L		

PRICE AND SHIPPING

Shipping volume (m3)	0.091	Price 1	\$95.00
Shipping weight per carton(kg)	9.23	Year of base price	2019
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s): E004/VC01-VP.2
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference

CE-JOB-NDA-19-000224-002

Current PQS status:

Prequalified

Valid until:

2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-057
Description:	Freeze-free vaccine cold box
Manufactured in:	China
Company:	Qingdao Leff International Trading Co Ltd
Contact Information	
Address:	10, Yan er'dao Road Qingdao 266000 P.R.China China
Telephone:	+ 86 532 88961819
Email:	david@lefftrade.org
Web address:	www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FFCB-15L	Country of Manufacture	China
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	15.40	Cold life at +43°C * (hrs:mn)	106:09
Warm life at - 20°C *(hrs:mn)	55:24	External dimensions length (mm)	770.00
External dimensions height (mm)	470.00	Weight empty(Kg)	24.00
External dimensions width (mm)	540.00	Weight fully loaded (Kg)	49.90
Internal dimensions (length, mm)	415.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	200.00	Internal dimensions (width, mm)	185.00
Number coolant packs	21.00	Model coolant pack	WP-0.6L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC FREE POLYURETHANE	External materials	HDPE
Internal lining materials	PP	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 41.5 x 18.5 x 20.0 Range storage capacity: 10 - 20 L
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.228	Price 1	1-10 unit: USD 265
Price 2	11-100 units: USD260	Shipping weight per carton(kg)	51.5
Price 3	>100 units: USD255	Year of base price	2020
Minimum order	2.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS_E004_VC2.1 Applicable PQS VP(s): E004_VC2-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	WB-19-371
--------------------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-058
Description: Freeze Free Vaccine carrier
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Maharashtra India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BCVC46LFF	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.51	Cold life at +43°C * (hrs:mn)	33:50
Warm life at - 20°C *(hrs:mn)	15:20	External dimensions length (mm)	318.00
External dimensions height (mm)	295.00	Weight empty(Kg)	3.76
External dimensions width (mm)	318.00	Weight fully loaded (Kg)	7.60
Internal dimensions (length, mm)	95.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	168.00	Internal dimensions (width, mm)	95.00
Number coolant packs	4.00	Model coolant pack	BIP-6
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	HIPS	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 9.50 (L)x9.50(W) x 16.80 (H)cm Range storage capacity: 2 L
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.03	Price 1	For 100 units US\$38 per no.
Price 2	For 10 units US\$41 per no.	Shipping weight per carton(kg)	4.71
Price 3	For 1 units US\$44 per no.	Year of base price	2020
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Date field validation	Tue, 09/22/2020 - 16:31		

VERIFICATION

Verification Report Reference		CE-JOB-NDA-20-000102-001	
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-059
Description:	Vaccine Carrier Freeze-Free
Manufactured in:	Luxembourg
Company:	B Medical Systems Sarl
Contact Information	
Address:	17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	kevin.laville@bmedicalsystems.com
Web address:	www.bmedicalsystems.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCW1	Country of Manufacture	Luxembourg
--------------------------------	------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.04	Cold life at +43°C * (hrs:mn)	32:07
External dimensions length (mm)	347.00	External dimensions height (mm)	430.00
Weight empty(Kg)	4.80	External dimensions width (mm)	281.00
Weight fully loaded (Kg)	7.60	Internal dimensions (length, mm)	223.00
Minimum Rated Ambient Temp (°C)	15.00	Internal dimensions (height, mm)	208.00
Internal dimensions (width, mm)	139.00	Number coolant packs	3.00
Model coolant pack	0.6 L	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polythene & POM
Internal lining materials	Polythene & POM	Lid type fixing	Fixed hinges

Comments	Accessories: 3 waterpacks 0.6L; 1 carrying strap; 1 crystal thermometer; 1 electric thermometer with solar digital display; 3 vaccine vial holders with 6 indentations (to hold open vaccine vials). Options: backpack. Vaccine storage dimensions: 103mm (diameter) x 208mm (height).
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.047	Price 1	164€ for 100+ units
Shipping weight per carton(kg)	7	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2015; ISO 14001:2015	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WHO-19-002	
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-061
Description:	Vaccine Carrier (Short Range)
Manufactured in:	India
Company:	PARACOAT PRODUCTS LTD
Contact Information	
Address:	SALES & MARKETING 307-308, 3RD FLOOR, DLF CITY COURT, SIKANDERPUR GURGAON India
Telephone:	+91-124-4224115
Email:	manish@paracoat.com
Web address:	https://www.paracoatproducts.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	2CPCPVC-001	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.77	Cold life at +43°C * (hrs:mn)	23:58
Warm life at - 20°C *(hrs:mn)	9:09	External dimensions length (mm)	246.00
Cool life at +43°C *(hrs:mn)	6:33	External dimensions height (mm)	247.00
Weight empty(Kg)	0.82	External dimensions width (mm)	305.00
Weight fully loaded (Kg)	2.95	Internal dimensions (length, mm)	181.00
Internal dimensions (height, mm)	179.00	Internal dimensions (width, mm)	174.00
Number coolant packs	4.00	Model coolant pack	AIIP-04
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Other	External materials	Expandable Polypropylene
Internal lining materials	Expandable Polypropylene	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 104 mm x 104 mm x 164 mm
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	8.2E-4	Shipping weight per carton(kg)	3.3
Year of base price	2021	Minimum order	8.00

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC01.2 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-NDA-21-000620-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-063
Description:	Freeze-Free Vaccine carrier short-range
Manufactured in:	India
Company:	AOV International LLP
Contact Information	
Address:	C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone:	+91 80102 66834
Email:	rohit.raman@aovinternational.net
Web address:	www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AFVC44	Country of Manufacture	India
--------------------------------	--------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.18	Cold life at +43°C * (hrs:mn)	27:47
Warm life at - 20°C *(hrs:mn)	15:02	External dimensions length (mm)	285.00
External dimensions height (mm)	270.00	Weight empty(Kg)	3.32
External dimensions width (mm)	285.00	Weight fully loaded (Kg)	5.64
Internal dimensions (length, mm)	89.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	149.00	Internal dimensions (width, mm)	89.00
Number coolant packs	4.00	Model coolant pack	0.4 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC-Free Polyurethane	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 8.9 x 8.9 x 14.9 cm Range storage capacity: 2 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.054	Shipping weight per carton(kg)	7.5
Year of base price	2022	Minimum order	1.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000893-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-064
Description:	Freeze-Free Cold Box
Manufactured in:	China
Company:	Qingdao Leff International Trading Co Ltd
Contact Information	
Address:	10, Yan er'dao Road Qingdao 266000 P.R.China China
Telephone:	+ 86 532 88961819
Email:	david@lefftrade.org
Web address:	www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FFCB-20L	Country of Manufacture	China
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	20.00	Cold life at +43°C * (hrs:mn)	72:52
Warm life at - 20°C *(hrs:mn)	38:40	Cool life at +43°C *(hrs:mn)	7:48
External dimensions height (mm)	473.00	Weight empty(Kg)	22.10
External dimensions width (mm)	545.00	Weight fully loaded (Kg)	49.20
Internal dimensions (length, mm)	555.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	195.00	Internal dimensions (width, mm)	185.00
Number coolant packs	17.00	Model coolant pack	WP-0.6L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC FREE POLYURETHANE	External materials	HDPE
Internal lining materials	PP	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 55.5×18.5×19.5cm Range storage capacity: 10 - 20 L
-----------------	--

PRICE AND SHIPPING

Price 1	1 unit: USD260 10 units: USD255 100 units: USD250	Shipping weight per carton(kg)	26
Year of base price	2022	Minimum order	2.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WB-21-0335	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-065
Description:	Freeze-Free Vaccine carrier long range
Manufactured in:	India
Company:	Blowkings
Contact Information	
Address:	53-C Mittal Court Nariman Point Mumbai 400021 India India
Telephone:	+91-(0)22-22840120
Email:	munjal@blowkings.co.in
Web address:	http://www.blowkings.co.in/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BK-VC-FF 2.4 L	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	2.40	Cold life at +43°C * (hrs:mn)	39:26
Warm life at - 20°C *(hrs:mn)	23:05	External dimensions length (mm)	325.00
External dimensions height (mm)	327.00	Weight empty(Kg)	3.50
External dimensions width (mm)	325.00	Weight fully loaded (Kg)	7.95
Internal dimensions (length, mm)	114.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	182.00	Internal dimensions (width, mm)	115.00
Number coolant packs	4.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene		

Comments	Vaccine storage dimensions (cm): 11.4 (L)X 11.5 (W) X 18.2 (H) Range storage capacity: > 20 L
-----------------	--

PRICE AND SHIPPING

Price 1	\$55	Shipping weight per carton(kg)	18
Year of base price	2022	Minimum order	4.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A
Date field validation	Fri, 12/09/2022 - 16:34		

VERIFICATION

Verification Report Reference	CE-JOB-NDA-22-000873-001
--------------------------------------	--------------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-066
Description:	Freeze Free Vaccine Carrier
Manufactured in:	India
Company:	TRIMURTI PLAST CONTAINERS PRIVATE LIMITED
Contact Information	
Address:	31/833, GANESHNAGAR, DHANKAWADI PUNE India
Telephone:	?+91 98331 40603?
Email:	rajesh@tcppl.net
Web address:	www.tcppl.co.in

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TPVC 46 LFF	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.50	Cold life at +43°C * (hrs:mn)	30:29
Warm life at - 20°C *(hrs:mn)	16:28	External dimensions height (mm)	305.00
Weight empty(Kg)	3.97	External dimensions width (mm)	310.00
Weight fully loaded (Kg)	7.90	Internal dimensions (length, mm)	94.00
Minimum Rated Ambient Temp (°C)	15.00	Internal dimensions (height, mm)	170.00
Internal dimensions (width, mm)	94.00	Number coolant packs	4.00
Model coolant pack	TIP-6	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 9.4 (L) x 9.4 (W) x 17.0 (H)
-----------------	---

PRICE AND SHIPPING

Price 1	10 units: 42.5 USD	Price 2	11-100 units: USD 42.5
Shipping weight per carton(kg)	18	Price 3	>100 units: USD 42.5
Year of base price	2023	Minimum order	4.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/VC02.1 Applicable PQS VP(s): E004/VC02-VP.1
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference	CE-JOB-NDA-22-001981-001
--------------------------------------	--------------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-067
Description:	Vaccine Cold Box (Long Range)
Manufactured in:	India
Company:	Nilkamal Limited
Contact Information	
Address:	77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Maharashtra India
Telephone:	+91 9920026701
Email:	vaishali.gaikwad@nilkamal.com
Web address:	http://www.nilkamal.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB503L	Country of Manufacture	India
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	23.70	Cold life at +43°C * (hrs:mn)	131:05
Warm life at - 20°C *(hrs:mn)	21:49	Cool life at +43°C *(hrs:mn)	42:47
External dimensions height (mm)	533.00	Weight empty(Kg)	19.15
External dimensions width (mm)	632.00	Weight fully loaded (Kg)	49.32
Internal dimensions (length, mm)	535.00	Internal dimensions (height, mm)	286.00
Internal dimensions (width, mm)	392.00	Number coolant packs	50.00
Model coolant pack	BIP-3	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments	Vaccine storage dimensions (cm): 46.8 cm(L) x 31.3 cm(W) x 16.2 Range storage capacity: > 20 L
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.26	Price 1	135 USD per unit
Shipping weight per carton(kg)	25	Year of base price	2023
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000104-002	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-068
Description: Vaccine Cold Box (Long Range)
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB316L	Country of Manufacture	India
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	21.92	Cold life at +43°C * (hrs:mn)	145:15
Warm life at - 20°C *(hrs:mn)	37:00	Cool life at +43°C *(hrs:mn)	45:49
External dimensions height (mm)	533.00	Weight empty(Kg)	19.19
External dimensions width (mm)	632.00	Weight fully loaded (Kg)	49.91
Internal dimensions (length, mm)	542.00	Internal dimensions (height, mm)	285.00
Internal dimensions (width, mm)	386.00	Number coolant packs	31.00
Model coolant pack	BIP-6	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges

Comments Vaccine storage dimensions (cm): 45.5 cm (L) x 31.7 cm (W) x 15 cm (H)
Range storage capacity: > 20 L

PRICE AND SHIPPING

Shipping volume (m3)	0.26	Price 1	USD133
Shipping weight per carton(kg)	24.8	Year of base price	2023
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E004/CB Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000104-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-069
Description:	Vaccine Cold Box
Manufactured in:	China
Company:	Qingdao Leff International Trading Co Ltd
Contact Information	
Address:	10, Yan er'dao Road Qingdao 266000 P.R.China China
Telephone:	+ 86 532 88961819
Email:	david@lefftrade.org
Web address:	www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FHCB23-0624	Country of Manufacture	China
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	23.00	Cold life at +43°C * (hrs:mn)	13:39
Warm life at - 20°C *(hrs:mn)	42:30	External dimensions length (mm)	775.00
Cool life at +43°C *(hrs:mn)	44:14	External dimensions height (mm)	485.00
Weight empty(Kg)	18.66	External dimensions width (mm)	545.00
Weight fully loaded (Kg)	46.30	Internal dimensions (length, mm)	560.00
Internal dimensions (height, mm)	260.00	Internal dimensions (width, mm)	330.00
Number coolant packs	24.00	Model coolant pack	0.6 L
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	Polyethylene
Internal lining materials	Polyethylene	Lid type fixing	Fixed hinges
Comments	Vaccine storage dimensions (cm): 56x33x26cm		

PRICE AND SHIPPING

Shipping volume (m3)	0.21	Price 1	USD240
Shipping weight per carton(kg)	24	Minimum order	2.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008	Subject to Field Validation	N/A

VERIFICATION

Verification Report Reference		WB-21-0337	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-070
Description:	Freeze-free Vaccine carrier, Long range
Manufactured in:	Germany
Company:	Gobi Technologies
Contact Information	
Address:	5406 Lake Washington Blvd NE Suite F Kirkland, WA 98033 United States of America Germany
Telephone:	+49 89 310 44 84
Email:	morgan@gobi.world
Web address:	https://www.gobi.world/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FF001A Eclipse 1.8L	Country of Manufacture	Germany
--------------------------------	---------------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.80	Cold life at +43°C * (hrs:mn)	36:00
Warm life at - 20°C *(hrs:mn)	31:48	External dimensions height (mm)	387.00
Weight empty(Kg)	3.40	External dimensions width (mm)	220.00
Weight fully loaded (Kg)	5.50	Internal dimensions (length, mm)	0.00
Minimum Rated Ambient Temp (°C)	15.00	Internal dimensions (height, mm)	206.00
Internal dimensions (width, mm)	159.00	Number coolant packs	1.00
Model coolant pack	Gobi model FF007A 0.6L	Coolant packs supplied	Yes

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Vacuum insulation	External materials	HDPE
Internal lining materials	Stainless Steel	Lid type fixing	Zip

Comments	Country of manufacture (legacy): China Vaccine storage dimensions (cm): 86cm2 x 20.6 cm tall OEM name and address: Gobi Technologies 5406 Lake Washington Blvd NE Suite F Kirkland WA 98033 USA Range storage capacity: 2 L
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.036	Price 1	\$89
Shipping weight per carton(kg)	3.6	Year of base price	2023
Minimum order	100.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
Subject to Field Validation	N/A		

VERIFICATION

Verification Report Reference

Re/Gent Report #23126/GO01/V2

Current PQS status:

Prequalified

Valid until:

2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-071
Description:	Freeze-free Vaccine carrier, Long range
Manufactured in:	India
Company:	GKS Healthsol LLP
Contact Information	
Address:	B1/01 Palm Grove Villa Ardee City Sector 52 Gurugram 122002 India India
Telephone:	+919820895063
Email:	dinesh@gkshealth.com
Web address:	www.gkshealth.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GKS FFVC-44LR	Country of Manufacture	India
--------------------------------	---------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.70	Cold life at +43°C * (hrs:mn)	30:22
Warm life at - 20°C *(hrs:mn)	16:41	External dimensions length (mm)	285.00
External dimensions height (mm)	295.00	Weight empty(Kg)	3.50
External dimensions width (mm)	305.00	Weight fully loaded (Kg)	6.40
Internal dimensions (length, mm)	162.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	103.00	Internal dimensions (width, mm)	103.00
Number coolant packs	4.00	Model coolant pack	GKS-IP-4
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC FREE POLYURETHANE	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Fixed hinges

Comments	Range storage capacity: 2 L
-----------------	-----------------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.21	Price 1	\$37 per unit
Price 2	\$35 upto 10 units	Shipping weight per carton(kg)	16
Price 3	\$33 upto 100 units and more	Year of base price	2023
Minimum order	4.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
Subject to Field Validation	N/A		

VERIFICATION

Verification Report Reference	CE-JOB-NDA-23-000388-001 (Amendment-1)
--------------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-072
Description: Vaccine Carrier Short range
Manufactured in: India
Company: GKS Healthsol LLP

Contact Information

Address: B1/01 Palm Grove Villa Ardee City Sector 52 Gurugram 122002
India
India
Telephone: +919820895063
Email: dinesh@gkshealth.com
Web address: www.gkshealth.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	GKS-FFVC-44-SR Grade A	Country of Manufacture	India
-------------------------	------------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.20	Cold life at +43°C * (hrs:mn)	27:02
Warm life at - 20°C *(hrs:mn)	3:10	External dimensions length (mm)	290.00
External dimensions height (mm)	285.00	Weight empty(Kg)	3.50
External dimensions width (mm)	278.00	Weight fully loaded (Kg)	5.90
Internal dimensions (length, mm)	90.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	90.00	Internal dimensions (width, mm)	145.00
Number coolant packs	4.00	Model coolant pack	GKS-IP-4
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	CFC FREE POLYURETHANE	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Removable lid

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	\$40 USD per unit
Price 2	\$32 USD up to 10 unit	Shipping weight per carton(kg)	16
Price 3	\$27 USD up to 100 unit	Year of base price	2023
Minimum order	4.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 900:2008
------------------	-------	--------------------------	--------------

VERIFICATION

Verification Report Reference		4790381969-01-OTHER-S1- R1	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code: E004-073
Description: Vaccine Cold Box - Long Range
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Mumbai
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RCB424L	Country of Manufacture	India
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	12.46	Cold life at +43°C * (hrs:mn)	170:29
Warm life at - 20°C *(hrs:mn)	68:29	External dimensions length (mm)	600.00
Cool life at +43°C *(hrs:mn)	41:16	External dimensions height (mm)	562.00
External dimensions width (mm)	605.00	Internal dimensions (length, mm)	344.00
Internal dimensions (height, mm)	345.00	Internal dimensions (width, mm)	333.00
Number coolant packs	42.00	Model coolant pack	BIP-4
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	LLDPE
Internal lining materials	LLDPE	Lid type fixing	Fixed hinges

PRICE AND SHIPPING

Shipping volume (m3)	0.21	Price 1	USD 118
Shipping weight per carton(kg)	22.6	Year of base price	2024
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
------------------	-------	--------------------------	---------------

VERIFICATION

Verification Report Reference		CE-JOB-NDA-23-001003-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E004: Cold boxes and vaccine carriers



PQS code:	E004-076
Description:	Freeze preventive Vaccine carrier - Long range
Manufactured in:	India
Company:	Apex International
Contact Information	
Address:	New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA Mob: +91-9810047640;+91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: http://www.apex-international.org G47, Sector 39 Noida 201301 India
Telephone:	+91-120-2574851
Email:	mail@apexint.org
Web address:	http://www.apex-international.org/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AIVC - 46	Country of Manufacture	India
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Vaccine storage capacity (Litre)	1.63	Cold life at +43°C * (hrs:mn)	41:36
Warm life at - 20°C *(hrs:mn)	18:35	External dimensions length (mm)	320.00
External dimensions height (mm)	335.00	Weight empty(Kg)	3.86
External dimensions width (mm)	320.00	Weight fully loaded (Kg)	7.87
Internal dimensions (length, mm)	98.00	Minimum Rated Ambient Temp (°C)	15.00
Internal dimensions (height, mm)	17.00	Internal dimensions (width, mm)	98.00
Number coolant packs	4.00	Model coolant pack	AIIP-06
Coolant packs supplied	Yes		

PRODUCT SPECIFICATIONS - MATERIALS & CONSTRUCTION

Insulation materials	Polyurethane	External materials	HDPE
Internal lining materials	HIPS	Lid type fixing	Removable lid

Comments	Vaccine storage dimensions (cm): 9.76 x 9.76 x 16.99
-----------------	--

PRICE AND SHIPPING

Price 1	60	Price 2	USD 58 for qty upto 50
Shipping weight per carton(kg)	4	Price 3	USD 58 for qty upto 50
Year of base price	2024	Minimum order	1.00
Incoterms	FCA		

VERIFICATION

Verification Report Reference		Intertek CE-JOB-NDA-23-001270-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005

Coolant packs

This section primarily covers coolant-packs which are used as the temperature control medium in the insulated containers described in Section E004. A coolant-pack is a purpose designed, leak-proof container filled with coolant. The term "coolant-pack" recognizes the potential for use more broadly than with frozen water as icepacks. See section E005.2. This category also covers "fixed containers" that hold coolant but are not intended for removal by users from both powered and non-powered (passive) cold chain equipment.

Details regarding the products included in each sub-category of E005, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E005.1: Choosing coolant-packs

The coolant-packs listed in the E005 product data sheets are all suitable for use in the transport of vaccines. IMD-PQS allows three standard sizes of coolant-pack: 0.3 litre, 0.4 litre and 0.6 litre. Coolant-packs may be used as conventional frozen or conditioned icepacks or as cool and/or warm-packs in cold climates.

Make sure coolant-pack sizes are suitable for the cold boxes or vaccine carriers they are intended to be used with. DO NOT purchase pre-filled coolant-packs, because they could be filled with a substance that is not WHO-prequalified. Additional guidelines on how to use passive containers and coolant-packs for vaccine transport and outreach operations can be found in the WHO [Vaccine Management Handbook](#).

E005.2: WHO product review

WHO will continue to review the use of non-water coolant-packs that change phase at a temperature other than 0°C ("phase-change material" or PCM). At the current time, the safety, simplicity and low transport costs associated with water-based products which are filled in-country are considered to outweigh the possible performance benefits of phase-change materials in removable coolant-packs for routine immunization.

PCMs and their use in fixed containers integrated as part of cold chain equipment is specified in the following category documentation section, and will continue to be reviewed by WHO.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E005/PMC0.1: Phase-change material containers](#)

[PQS performance specification E005/IP01.3: Water-packs for use as icepacks, cool-packs and warm-packs](#)

[PQS performance specification E005/PMC02.1: Phase-change material containers – ultra-low temperature](#)

Verification protocols

[PQS independent type-testing protocol E005/PCM02-VP0.1: Phase-change material containers - ultra-low temperature](#)

[PQS independent type-testing protocol E005/PCM01-VP0.1: Phase-change material containers](#)

[PQS independent type-testing protocol E005/IP01-VP.3: Water-packs for use as icepacks, cool-packs and warm-packs](#)

Guidance for manufacturers or suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[How to use passive containers and coolant-packs for vaccine transport and outreach operations](#)



E005: Coolant-packs



PQS code: E005-001
Description: Water-pack 0.6L
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Bmedical WP 0.6L;Dometic 0.6 L	Country of Manufacture	Luxembourg
--------------------------------	--------------------------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	79.00
Nominal capacity (Litre)	0.60	Weight filled (g)	655.00
Rated water content (Litres)	0.58	External dimensions height (mm)	35.00
External dimensions length (mm)	190.00	External dimensions width (mm)	120.00

Comments	Water-pack 0.6L Shipping weight (kg): 3 kg
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.025	Price 1	>100 units:37 €
Shipping weight (kg)	3.00	Minimum order (unit)	1.00
Year of base price	2019	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E05/IP01.1 Applicable PQS VP(s): E05/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	A65899b
--------------------------------------	---------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-002
Description: Water-pack 0.3L
Manufactured in: Luxembourg
Company: B Medical Systems Sarl

Contact Information

Address: 17 Op der Hei L-9809 Hosingen Luxembourg
Luxembourg
Telephone: + 35 2 92 07 311
Email: kevin.laville@bmedicalsyste.ms.com
Web address: www.bmedicalsyste.ms.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Bmedical WP 0.3L;Dometic 0.3 L	Country of Manufacture	Luxembourg
--------------------------------	--------------------------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	69.00
Nominal capacity (Litre)	0.30	Weight filled (g)	418.00
Rated water content (Litres)	0.35	External dimensions height (mm)	25.00
External dimensions length (mm)	170.00	External dimensions width (mm)	120.00

Comments	Water-pack 0.3L Shipping weight (kg): 3 kg
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.025	Price 1	>100 units: 51 €
Shipping weight (kg)	3.00	Minimum order (unit)	1.00
Year of base price	2019	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	A65899a
--------------------------------------	---------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-004
Description: Water-pack 0.3 L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AOV AIP-3	Country of Manufacture	India
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	76.00
Nominal capacity (Litre)	0.30	Weight filled (g)	363.00
Rated water content (Litres)	0.35	External dimensions height (mm)	34.00
External dimensions length (mm)	160.00	External dimensions width (mm)	91.00

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	0.35 USD per unit
Shipping weight (kg)	22.00	Minimum order (unit)	240.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
-------------------------	---

VERIFICATION

Verification Report Reference	S09EEC02224/AT/JT
-------------------------------	-------------------

Current PQS status:	Prequalified	Valid until:	2025-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-005
Description: Water-pack 0.4 L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AOV AIP-4	Country of Manufacture	India
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	78.00
Nominal capacity (Litre)	0.40	Weight filled (g)	432.00
Rated water content (Litres)	0.35	External dimensions height (mm)	34.00
External dimensions length (mm)	164.00	External dimensions width (mm)	95.00

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	0.40 USD per unit
Shipping weight (kg)	21.00	Minimum order (unit)	230.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	S09EEC02224/ATJT
--------------------------------------	------------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-006
Description: Water-pack 0.6L
Manufactured in: India
Company: AOV International LLP

Contact Information

Address: C-22/25, Sector 57, Noida 201301 [U.P.], India
Telephone: +91 80102 66834
Email: rohit.raman@aovinternational.net
Web address: www.aovinternational.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AOV AIP-6 0.6L	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	110.00
Nominal capacity (Litre)	0.60	Weight filled (g)	664.00
Rated water content (Litres)	0.55	External dimensions height (mm)	35.00
External dimensions length (mm)	190.00	External dimensions width (mm)	119.00

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	0.60 USD per unit
Shipping weight (kg)	20.00	Minimum order (unit)	150.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	EEC09/719162291
--------------------------------------	-----------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-007
Description: Water-pack 0.3L
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640; +91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apex AIIP03	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	77.00
Nominal capacity (Litre)	0.30	Weight filled (g)	363.00
Rated water content (Litres)	0.29	External dimensions height (mm)	32.00
External dimensions length (mm)	161.00	External dimensions width (mm)	89.00

PRICE AND SHIPPING

Shipping volume (m3)	0.045	Price 1	100 units or more: 0.45 USD
Shipping weight (kg)	8.00	Minimum order (unit)	100.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	719164810EEC09/03		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-008
Description: Water-pack 0.4L
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640; +91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apex AIIP04	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	77.00
Nominal capacity (Litre)	0.40	Weight filled (g)	428.00
Rated water content (Litres)	0.35	External dimensions height (mm)	34.00
External dimensions length (mm)	163.00	External dimensions width (mm)	96.00

PRICE AND SHIPPING

Shipping volume (m3)	0.054	Price 1	100 units or more: 0.50 USD
Shipping weight (kg)	8.00	Minimum order (unit)	100.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01VP.1
--------------------------------	--

VERIFICATION

Verification Report Reference	719164808EEC09/02		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-009
Description: Water-pack 0.6 L
Manufactured in: India
Company: Apex International

Contact Information

Address: New Office Add : B-277, Sector- 50, Noida, New Delhi, INDIA
Mob: +91-9810047640; +91-9811037640 Tel. # : +91-120-2574851, +91-120-2502754, +91-120-4231851 Fax # : +91-120-2500347 Web: <http://www.apex-international.org> G47, Sector 39 Noida 201301 India
Telephone: +91-120-2574851
Email: mail@apexint.org
Web address: <http://www.apex-international.org/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apex AIIP06	Country of Manufacture	India
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	111.00
Nominal capacity (Litre)	0.60	Weight filled (g)	666.00
Rated water content (Litres)	0.56	External dimensions height (mm)	34.00
External dimensions length (mm)	190.00	External dimensions width (mm)	121.00

PRICE AND SHIPPING

Shipping volume (m3)	0.079	Price 1	100 units or more: 0.65 USD
Shipping weight (kg)	11.50	Minimum order (unit)	100.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	719164808EEC09/01		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-010
Description: Water-pack 0.3 L
Manufactured in: India
Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
Telephone: +91-(0)22-22840120
Email: munjai@blowkings.co.in
Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BLowkings BK-V4H	Country of Manufacture	India
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	69.00
Nominal capacity (Litre)	0.30	Weight filled (g)	374.00
Rated water content (Litres)	0.30	External dimensions height (mm)	34.00
External dimensions length (mm)	162.00	External dimensions width (mm)	90.00

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	225 units or more: 0.45 USD
Shipping weight (kg)	22.00	Minimum order (unit)	225.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-vp.1
--------------------------------	---

VERIFICATION

Verification Report Reference	719170704-EEC10		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-011
Description: water-pack 0.4L
Manufactured in: India
Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
Telephone: +91-(0)22-22840120
Email: munjai@blowkings.co.in
Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Blowkings BK-4	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	70.00
Nominal capacity (Litre)	0.40	Weight filled (g)	430.00
Rated water content (Litres)	0.39	External dimensions height (mm)	35.00
External dimensions length (mm)	165.00	External dimensions width (mm)	93.00

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	225 units or more: 0.50 USD
Shipping weight (kg)	22.00	Minimum order (unit)	225.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference		EEC09-719162420-B	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-012
Description: Water-pack 0.6L
Manufactured in: India
Company: Blowkings

Contact Information

Address: 53-C Mittal Court Nariman Point Mumbai 400021 India
Telephone: +91-(0)22-22840120
Email: munjai@blowkings.co.in
Web address: <http://www.blowkings.co.in/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Blowkings BK-6	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	110.00
Nominal capacity (Litre)	0.60	Weight filled (g)	655.00
Rated water content (Litres)	0.55	External dimensions height (mm)	35.00
External dimensions length (mm)	190.00	External dimensions width (mm)	120.00

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	144 units or more: 0.65 USD
Shipping weight (kg)	22.00	Minimum order (unit)	144.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.1 Applicable PQS VP(s): E005/IP01-VP.1
--------------------------------	---

VERIFICATION

Verification Report Reference	EEC09-719162420 A
--------------------------------------	-------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-013
Description: Water-pack 0.3L T2
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA Maharashtra India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Nilkamal BIP-3	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	75.00
Nominal capacity (Litre)	0.30	Weight filled (g)	370.00
Rated water content (Litres)	0.29	External dimensions height (mm)	33.00
External dimensions length (mm)	163.00	External dimensions width (mm)	91.00

PRICE AND SHIPPING

Shipping volume (m3)	0.2	Price 1	380 units or more: 0.47 USD
Shipping weight (kg)	30.50	Minimum order (unit)	380.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference	WHO 10-004
--------------------------------------	------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-014
Description: Water-pack 0.4L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Nilkamal BIP-4	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	76.00
Nominal capacity (Litre)	0.40	Weight filled (g)	431.00
Rated water content (Litres)	0.35	External dimensions height (mm)	33.00
External dimensions length (mm)	165.00	External dimensions width (mm)	95.00

PRICE AND SHIPPING

Shipping volume (m3)	0.2	Price 1	380 units or more: 0.49 USD
Shipping weight (kg)	30.88	Minimum order (unit)	380.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference	WHO 10-005
--------------------------------------	------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-015
Description: Water-pack 0.6L
Manufactured in: India
Company: Nilkamal Limited

Contact Information

Address: 77/78, Nilkamal House, Street no. 13/14, MIDC, Andheri East, Mumbai -93, MH, INDIA Kharadpada, Silvassa 396230 INDIA
Maharashtra
India
Telephone: +91 9920026701
Email: vaishali.gaikwad@nilkamal.com
Web address: <http://www.nilkamal.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Nilkamal BIP-6	Country of Manufacture	India
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	114.00
Nominal capacity (Litre)	0.60	Weight filled (g)	650.00
Rated water content (Litres)	0.56	External dimensions height (mm)	35.00
External dimensions length (mm)	190.00	External dimensions width (mm)	121.00

PRICE AND SHIPPING

Shipping volume (m3)	0.2	Price 1	240 units or more: 0.63 USD
Shipping weight (kg)	29.36	Minimum order (unit)	240.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference	WHO 10-006
--------------------------------------	------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-019
Description: Water-pack 0.4 L
Manufactured in: Italy
Company: Giostyle SpA

Contact Information

Address: Giostyle SpA Via Battaina 393 24059 Urgnano (BG) Italy
Telephone: +39 035 4188501
Email: christian.abbadini@giostyle.com
Web address: www.giostyle.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Water-pack 0.4 L	Country of Manufacture	Italy
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	50.00
Nominal capacity (Litre)	0.40	Weight filled (g)	420.00
Rated water content (Litres)	0.38	External dimensions height (mm)	33.00
External dimensions length (mm)	165.00	External dimensions width (mm)	93.00

PRICE AND SHIPPING

Shipping volume (m3)	0.04	Price 1	60 units or more: 0.80 USD per unit
Shipping weight (kg)	4.00	Minimum order (unit)	60.00
Year of base price	2016	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference		WHO-10-014	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code:	E005-020
Description:	Ice Pack 0.3L
Manufactured in:	China
Company:	Qingdao Leff International Trading Co Ltd
Contact Information	
Address:	10, Yan er'dao Road Qingdao 266000 P.R.China China
Telephone:	+ 86 532 88961819
Email:	david@lefftrade.org
Web address:	www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Feihong WP-0.3L	Country of Manufacture	China
--------------------------------	-----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	60.00
Nominal capacity (Litre)	0.30	Weight filled (g)	360.00
Rated water content (Litres)	0.30	External dimensions height (mm)	30.00
External dimensions length (mm)	163.00	External dimensions width (mm)	90.00
Comments	0.3L Ice Pack Shipping volume: 0.16 CBM/CTN Shipping weight (kg): 19 KGS/CTN		

PRICE AND SHIPPING

Price 1	USD 0.38 - 100 units	Shipping weight (kg)	19.00
Price 2	USD 0.44 - 10 units	Price 3	USD 0.50 - 1 unit
Minimum order (unit)	300.00	Year of base price	2018
Incoterms	EXW		

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference		WB-18-385	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-021
Description: Water pack 0.6L
Manufactured in: China
Company: Qingdao Leff International Trading Co Ltd

Contact Information

Address: 10, Yan er'dao Road Qingdao 266000 P.R.China
China
Telephone: + 86 532 88961819
Email: david@lefftrade.org
Web address: www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Feihong WP-0.3L	Country of Manufacture	China
--------------------------------	-----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	85.00
Nominal capacity (Litre)	0.60	Weight filled (g)	645.00
Rated water content (Litres)	0.56	External dimensions height (mm)	34.00
External dimensions length (mm)	190.00	External dimensions width (mm)	120.00

PRICE AND SHIPPING

Shipping volume (m3)	0.16	Price 1	USD 0.58 - 100 units
Shipping weight (kg)	14.00	Price 2	USD 0.64 - 10 units
Price 3	USD 0.7 - 1 unit	Minimum order (unit)	150.00
Year of base price	2018	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference	WB-18-387
--------------------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-022
Description: Ice Pack 0.4L
Manufactured in: China
Company: Qingdao Leff International Trading Co Ltd

Contact Information

Address: 10, Yan er'dao Road Qingdao 266000 P.R.China
China
Telephone: + 86 532 88961819
Email: david@lefftrade.org
Web address: www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Feihong WP-0.4L	Country of Manufacture	China
--------------------------------	-----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	60.00
Nominal capacity (Litre)	0.40	Weight filled (g)	420.00
Rated water content (Litres)	0.37	External dimensions height (mm)	34.00
External dimensions length (mm)	163.00	External dimensions width (mm)	94.00

PRICE AND SHIPPING

Shipping volume (m3)	0.17	Price 1	USD 0.42 - 100 units
Shipping weight (kg)	20.00	Price 2	USD 0.48 - 10 units
Price 3	USD 0.54 - 1 unit	Minimum order (unit)	300.00
Year of base price	2018	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: E005/IP01.2 Applicable PQS VP(s): E005/IP01-VP.2
--------------------------------	---

VERIFICATION

Verification Report Reference	WB-18-386
--------------------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code:	E005-025
Description:	Water Pack 0.6 L
Manufactured in:	India
Company:	TRIMURTI PLAST CONTAINERS PRIVATE LIMITED
Contact Information	
Address:	31/833, GANESHNAGAR, DHANKAWADI PUNE India
Telephone:	?+91 98331 40603?
Email:	rajesh@tpcpl.net
Web address:	www.tpcpl.co.in

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TIP-6	Country of Manufacture	India
--------------------------------	-------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	110.00
Nominal capacity (Litre)	0.60	Weight filled (g)	680.00
Rated water content (Litres)	0.56	External dimensions height (mm)	35.00
External dimensions length (mm)	190.00	External dimensions width (mm)	120.00

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	0.60 USD
Shipping weight (kg)	22.00	Minimum order (unit)	144.00
Year of base price	2022	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
--------------------------------	--

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000691-003	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code:	E005-026
Description:	Water Pack 0.4 L
Manufactured in:	India
Company:	TRIMURTI PLAST CONTAINERS PRIVATE LIMITED
Contact Information	
Address:	31/833, GANESHNAGAR, DHANKAWADI PUNE India
Telephone:	?+91 98331 40603?
Email:	rajesh@tpcpl.net
Web address:	www.tpcpl.co.in

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TIP-4	Country of Manufacture	India
--------------------------------	-------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	77.00
Nominal capacity (Litre)	0.40	Weight filled (g)	427.00
Rated water content (Litres)	0.35	External dimensions height (mm)	33.00
External dimensions length (mm)	164.00	External dimensions width (mm)	94.00

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	0.55 USD
Shipping weight (kg)	22.00	Minimum order (unit)	225.00
Year of base price	2022	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
--------------------------------	--

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000691-002	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code:	E005-027
Description:	Water-pack 0.3L
Manufactured in:	India
Company:	TRIMURTI PLAST CONTAINERS PRIVATE LIMITED
Contact Information	
Address:	31/833, GANESHNAGAR, DHANKAWADI PUNE India
Telephone:	?+91 98331 40603?
Email:	rajesh@tpcpl.net
Web address:	www.tpcpl.co.in

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TIP-3	Country of Manufacture	India
--------------------------------	-------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	77.00
Nominal capacity (Litre)	0.30	Weight filled (g)	377.00
Rated water content (Litres)	0.29	External dimensions height (mm)	33.00
External dimensions length (mm)	162.00	External dimensions width (mm)	88.00

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	0.46 USD
Shipping weight (kg)	22.00	Minimum order (unit)	225.00
Year of base price	2022	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
--------------------------------	--

VERIFICATION

Verification Report Reference		CE-JOB-NDA-22-000691-001	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-028
Description: Icepack 0.6L
Manufactured in: China
Company: Gobi Technologies

Contact Information

Address: 5406 Lake Washington Blvd NE Suite F Kirkland, WA 98033
United States of America
Germany

Telephone: +49 89 310 44 84

Email: morgan@gobi.world

Web address: <https://www.gobi.world/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FF007A Eclipse 0.6L	Country of Manufacture	China
--------------------------------	---------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Pack Type	Water-pack	Weight empty (g)	100.00
Nominal capacity (Litre)	0.60	Weight filled (g)	683.00
Rated water content (Litres)	0.59	External dimensions height (mm)	34.00
External dimensions length (mm)	190.00	External dimensions width (mm)	120.00

Comments	Icepack 0.6L Shipping weight (kg): 12 KG
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.078	Price 1	1.5 USD
Shipping weight (kg)	12.00	Minimum order (unit)	100.00
Year of base price	2023	Incoterms	EXW

VERIFICATION

Verification Report Reference	MI-22-14458-M
--------------------------------------	---------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E005: Coolant-packs



PQS code: E005-031
Description: Ice Pack
Manufactured in: China
Company: Thermos (China) Housewares Co., Ltd.

Contact Information

Telephone: +86 755 25945218
Email: austin.wu@thermos.com
Web address: www.thermos.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	IP03	Country of Manufacture	China
--------------------------------	------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Weight empty (g)	67.00	Nominal capacity (Litre)	0.30
Weight filled (g)	367.00	Rated water content (Litres)	0.30
External dimensions height (mm)	173.00	External dimensions length (mm)	120.00
External dimensions width (mm)	26.00		

PRICE AND SHIPPING

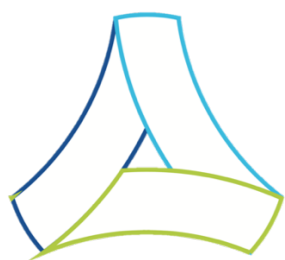
Shipping volume (m3)	0.015	Price 1	USD 6.99 /PC
Shipping weight (kg)	1.65	Minimum order (unit)	100.00
Year of base price	2023	Incoterms	FOB

VERIFICATION

Verification Report Reference	WB-22-0175
--------------------------------------	------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006

Temperature Monitoring Devices

The products in this category include thermometers, freeze indicators, temperature recorders, data loggers, Equipment Monitoring Devices (EMDs) and event loggers for monitoring temperatures and other variables at all levels in the cold chain, including alarm systems.

Details regarding the products included in each sub-category of E006, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E006.1: E006 device types

A number of different temperature monitoring device types are specified by PQS based on their particular applications in the cold chain. These range from more basic indicator and thermometers to advanced monitoring and communication systems. Employers of temperature monitoring should be familiar with the use-cases for the different types of devices and when best to deploy each type based on their specific programme needs and strategies.

E006.1.1: Alarms

Acoustic and visual alarms: These can be used in conjunction with fixed dial thermometers and pen recorders.

E006.1.2: Indicators

Cold Chain Monitor cards (CCM): WHO no longer recommends the use of these cards for in-country use. Their use should now be confined to international shipments only where dry ice is used. For more information and guidance on the use of CCMs, consult the WHO [How to monitor temperature in the vaccine supply chain](#).

Freeze indicators: Freeze indicators should be used routinely for internal distribution of freeze-sensitive vaccines and for monitoring freezing events in cold rooms and vaccine refrigerators where alternative devices are not fitted, or are not thought to be reliable.

Vaccine vial monitors (VVM): VVMs or combined VVM/Threshold indicators are now routinely fixed to all vaccines supplied by UNICEF.

E006.1.3: Thermometers (no recording)

Electronic thermometers: Hand-held electronic thermometers are used by cold chain technicians during repair work, for routine monitoring, for cold chain studies and during the commissioning of cold rooms and freezer rooms.

Fixed dial thermometers: Fixed gas or vapor pressure dial thermometers require no power supply and they can be used to trigger an alarm system. Their primary use is as a back-up device for cold rooms and freezer rooms. Bi-metallic dial thermometers are no longer recommended because they easily lose their calibration.

Stem thermometers: A stem thermometer can be fitted in refrigerators, freezers, cold rooms and freezer rooms as an inexpensive back-up device for required 30-day temperature loggers. Stem thermometers should never be used as the primary temperature monitoring device because they do not provide a continuous record of vaccine temperature exposure. Bi-metallic dial thermometers are no longer recommended by WHO because they do not maintain their calibration.

Integrated electronic thermometer with alarm: This device type may be built-in to a vaccine refrigerator or freezer at the manufacturer's discretion. Its purpose is to provide some of the capabilities of the monitoring equipment used on cold rooms and freezer rooms.

E006.1.4: Temperature recorders

Programmable remote temperature and event monitoring systems: Event monitoring systems consist of a network of sensors linked to a central temperature recording unit, which may connect and communicate with local and remote servers and services. Both hard-wired and wireless devices are available and devices of both types have integrated alarm systems. Detailed temperature records can be produced and the most sophisticated systems can be internet-enabled which allows for remote monitoring.

Pen recorders: Pen recorders have been standard equipment for cold rooms and freezer rooms for many years. They continue to have a use for smaller cold rooms and for programmes which are unable to provide the technical support needed to operate and maintain an event monitoring system.

Temperature data loggers: Data loggers are used principally during cold chain studies and for verifying performance during the initial commissioning of cold rooms and freezer rooms. Temperature data loggers have limited functionality. More advanced features can be found in 30-day electronic refrigerator temperature loggers.

30-day electronic refrigerator temperature loggers: All refrigerators must come equipped with an integrated Level 2 EMD, integrated Level 3 EMD or 30-day temperature logger device in compliance with WHO IMD-PQS standards. Refer to Table 2. This device type can be used to review vaccine refrigerator temperatures over 30 days. The earliest data points are continuously overwritten so that the user always has access to the most recent 30-day period. The devices include a visual temperature alarm and some models allow data to be downloaded to a computer. Their use offers the possibility of much improved temperature

monitoring at the health facility and lower sub-national levels where routine manual recording is known to be unreliable.

30-day temperature loggers are NOT suitable for use in vaccine freezers; see the [WHO Vaccine Management Handbook](#) for appropriate temperature logger devices for freezers.

Current models operate for two years after activation. The whole unit has to be replaced when the battery runs out because the product is supplied with sealed in batteries. This design approach avoids the need to recalibrate the device, which is expensive and logistically complex.

Electronic shipping indicators: Electronic shipping indicators are single-use devices designed to monitor vaccine temperature during international shipment from the manufacturer to the primary store. The data they provide is recorded on the Vaccine Arrival Report (VAR).

E006.1.5: Equipment Monitoring Systems (EMS)

The Equipment Monitoring System (EMS) enables the monitoring of cold chain equipment. The EMS consists of three levels of functionality, performed by Equipment Monitoring Devices (EMDs). EMDs are the primary means of communicating monitored cold chain data locally and/remotely via the Internet. EMDs source raw data directly from the appliance's integrated logger. Vaccine refrigeration appliances are required to achieve Level 1 as minimum. Levels 2 and 3 can be integrated into the appliance or can be external to it. Refer to Table 2.

Level 1 is the datalogger with power and data connections for the Machine-to-machine interface (M2M). Note: more advanced local or remote means of communicating data are not required. The complete requirements of Level 1 are specified in IMD-PQS performance specification [WHO/PQS/E006/DL01](#). The datalogger is primarily tasked with maintaining relative time, recording appliance data objects, generating and recording logger data objects and making that data available in a standardized way to other equipment monitoring devices and systems.

Level 2 is the Equipment Monitoring Device (EMD) and shares the same requirements as Level 1. The EMD is the primary means of communicating monitored cold chain data locally. The EMD draws raw data directly from the appliance's integrated logger. The EMD may be integrated into the appliance or may be external. The requirements of Level 2 are specified in IMD-PQS performance specification [WHO/PQS/E006/EM01](#).

Level 3 shares the same requirements as Level 2, with the additional feature of remote communications (e.g. GSM / SIM-based, Wi-Fi® etc.). As Level 2, the EMD may be integrated into the appliance or may be external. The requirements of Level 3 are specified in IMD-PQS performance specification [WHO/PQS/E006/EM01](#), with special attention to remote communication modalities.

E006.2: Use of E006 devices

The following table summarizes the use of each of the non-EMS E006 device types:

Table 1: Use of temperature monitoring devices

Note: The table shows the appropriate locations for each type of device. It does not imply that ALL the devices listed for a particular location should be used at the same time.

Device category	Principle use location							Application notes
	International shipping	Primary store	Intermediate store	Health facility	Internal distribution	Equipment commissioning	Cold chain studies	
Acoustic and visual alarms		X	X					Used with E006/TH02 & E006/TR04
Cold chain monitor cards	X							
Freeze indicator		X	X	X	X		X	
Vaccine vial monitor (VVM)	X	X	X	X	X		X	
Electronic thermometer						X	X	
Fixed-dial thermometer		X	X					Typically used as a back-up device
Stem thermometer		X	X	X				
Integrated electronic thermometer with alarm		X	X	X				May be supplied with refrigerator or freezer
Programmable remote temperature and event monitoring system		X	X	X		X	X	Applications throughout the cold chain, but should be deployed based on strategic plans
Pen recorder		X	X					For smaller cold or freezer rooms where E006/TR03 is inappropriate
Temperature data logger						X	X	
30-day electronic refrigerator temperature logger			X	X				
Shipping indicator	X							

Table 2: Required temperature monitoring devices for vaccine refrigerators

Configuration	I	II	III	IV	V
Data logger plus M2M port (E006/DL01)	✓	✓	✓	✓	✓
Thermometer (E006/TH06) with display		✓		✓	✓
Integrated EMD (E006/EM01)	✓				
External EMD (E006/EM01)		✓			
Integrated EMD with remote data transmission (E006/EM01)			✓		
External EMD with remote data transmission (E006/EM01)				✓	
30 DTR (E006/TR06.3)					✓

E006.3: Future developments

As of 2024, all NEW vaccine refrigerators are required to have an EMS. Starting in 2026, ALL vaccine refrigerators will be required to have an EMS. This new sub-category of temperature and equipment monitoring offers greater design flexibility and advanced functionality of cold chain monitoring. While temperature will still be the most essential CCE vaccine safety indicator for immunization programmes, there is increasing potential - and interest - in monitoring additional performance parameters of CCE, including voltage input, humidity, compressor function, etc. By monitoring and communicating additional parameters, EPI programmes, suppliers, service providers and global partners may gain deeper insights into the performance of CCE over time, enabling remote failure analysis and ideally predictive failure responses. This could ultimately lead to monitoring technology that helps programmes reduce CCE downtime and risk to vaccines.

E006.3.1: Solar power systems for low-energy requirements

Performance specifications for small, battery-based solar power systems intended for E006 devices such as RTMDs and other electronic monitoring systems (EMS) may also apply for low power requirements where only direct current electricity is required (e.g. 12 Vdc). See IMD-PQS performance specification [WHO/PQS/E006/PVDC01: Solar power systems for low electrical requirements](#).

E006.3.2: Basic USB Energy Harvesting Controller (EHC)

Many solar appliances now have a Basic USB Energy Harvesting Controller (EHC). The Basic USB EHC provides up to 1A @ 5VDC (5W) on a USB-A port that may be used to recharge RTMDs and other monitoring devices. See IMD-PQS performance specification [WHO/PQS/E007/EHC02](#).

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Category-specific guidance

[PQS Equipment Monitoring Systems \(EMS\) Introduction](#)

[PQS Equipment Monitoring Systems \(EMS\) Frequently Asked Questions](#)

Performance specifications

[PQS performance specification E006/TR07.4: Electronic shipping indicators](#)

[PQS performance specification E006/DS01.2: Annex 1 Cold Chain Data Objects](#)

PQS performance specification E006/DS01.2 Annex 1 JSON Schema

[PQS performance specification E006/IN06.1: Combined vaccine vial monitor and threshold indicator](#)

[PQS performance specification E006/TR06.4: 30-day electronic refrigerator temperature logger](#)

[PQS performance specification E006/IN05.4: Vaccine vial monitor](#)

[PQS performance specification E006/EM01.2: Equipment Monitoring Devices for Equipment Monitoring Systems](#)

[PQS performance specification E006/DL01.2: Data logger and machine-to-machine interface for Equipment Monitoring Systems](#)

[PQS performance specification E006/DS01.2: Data standards for Equipment Monitoring Systems](#)

[PQS performance specification E006/AL01.1: Acoustic and/or visual alarm units](#)

[PQS performance specification E006/IN07.1: Chemical freeze indicator](#)

[PQS performance specification E006/IN02.1: Cold chain monitor](#)

[PQS performance specification E006/TH02.2: Fixed gas or vapour pressure dial thermometer](#)

[PQS performance specification E006/TH06.2: Integrated electronic thermometer, with or without alarm function, for vaccine refrigerators and freezers](#)

[PQS performance specification E006/IN03.1: Irreversible freeze indicator](#)

[PQS performance specification E006/TH03.1: Portable alcohol stem thermometer](#)

[PQS performance specification E006/TH01.1: Portable electronic thermometer](#)

[PQS performance specification E006/TR03.2: Programmable remote temperature and event monitoring systems](#)

[PQS performance specification E006/PVDC01: Solar power system for low electrical requirements](#)

[PQS performance specification E006/IN04.1: Threshold indicators](#)

[PQS performance specification E006/TR05.1: User-programmable temperature data loggers](#)

[PQS performance specification E006/TR04.1: Wall-mounted pen recording thermometer](#)

Verification protocols

[PQS independent type-testing protocol E006/EM01-VP.2 Equipment Monitoring Devices for Equipment Monitoring Systems](#)

[PQS independent type-testing protocol E006/TR07-VP.4: Electronic shipping indicators](#)

[PQS independent type-testing protocol E006/IN06.VP.1: Combined vaccine vial monitor and threshold indicator](#)

[PQS independent type-testing protocol E006/IN07-VP.1: Chemical freeze indicator](#)

[PQS independent type-testing protocol E006/DL01-VP.2: Data logger and machine-to-machine interface for Equipment Monitoring Systems](#)

[PQS independent type-testing protocol E006/EM01-VP.2: Equipment Monitoring Devices for Equipment Monitoring Systems](#)

[PQS type-examination protocol E006/AL01.VP.1: Acoustic and/or visual alarm units](#)

[PQS type-examination protocol E006/IN02.VP.1: Cold chain monitor](#)

[PQS independent type-testing protocol E006/IN03-VP.1: Irreversible freeze indicator](#)

[PQS independent type-testing protocol E006/TH02-VP.2: Fixed gas or vapour pressure dial thermometer](#)

[PQS independent type-testing protocol E006/TH03-VP.1: Portable alcohol stem thermometer](#)

[PQS independent type-testing protocol E006/TH06-VP.2: Integrated electronic thermometer, with or without alarm function, for vaccine refrigerators and freezers](#)

[PQS independent type-testing protocol E006/TR04-VP.1: Wall-mounted pen recording thermometer](#)

[PQS type-examination protocol E006/TR05-VP.1: User-programmable temperature data loggers](#)

[PQS independent type-testing protocol E006/TR06-VP.4: 30-day electronic refrigerator temperature logger](#)

[PQS independent type-testing protocol E006/IN04.VP.1: Threshold indicator](#)

[PQS performance verification protocol E006/TR03-VP.2: Programmable remote temperature and event monitoring systems](#)

[PQS type-examination protocol PVDC-VP1.0: Solar power system for low electrical requirements](#)

[PQS quality assurance protocol PVDC-VP2.0: Solar power system for low electrical requirements – on-site checklists for completed installations](#)

[PQS independent type-testing protocol E006/IN05.VP.4: Vaccine vial monitor](#)

[PQS performance verification protocol tool E006/TR03-VPT.2: Programmable remote temperature and event monitoring systems](#)

Guidance for manufacturers or suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[Evidence brief: Perception of health workers on the use of remote temperature monitoring systems](#)

[Evidence brief: Perception of health workers on the use of 30-day temperature recorders](#)

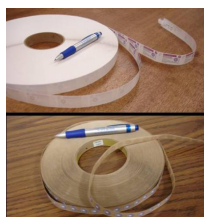
[Evidence brief: Temperature monitoring study: a fully documented process to detect weaknesses in the supply chain](#)

[How to develop and repair a maintenance system for cold chain equipment](#)

[How to monitor temperatures in the vaccine supply chain](#)



E006: Temperature monitoring devices



PQS code:	E006-001
Description:	Vaccine Vial Monitor Type 2
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HEATmarker® VVM 2	Country of Manufacture	United States of America
--------------------------------	-------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical
Comments	<p>Full labels (typically white of clear liner) and dots (typically brown or clear liner) are made on lightweight litho/paper/film facestock offering exceptional printability and flexibility. The service temperature range for the adhesive is typically -40°F to 160°F, or wider. Liner (can either be PET or coated paper) is designed for high-speed roll-to-roll and label dispensing applications. A clear film-based over-laminate is used for dots (brown liner) for added stability and protection. This laminate is not intended to print on.</p> <p>Custom solutions, including a combination of approved litho/paper/film substrate and overlamine (if applicable) are available upon request.</p> <p>Accuracy: --</p> <p>External dimensions (cm): 1 cm dot or 1.6 x 1.0 cm rectangle</p> <p>Memory size: --</p> <p>External dimensions (cm): 1 cm dot or 1.6 x 1.0 cm rectangle</p>

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Battery type	--
Battery shelf life (year)	--	User interface	--
Activated battery life	--	Display medium	Color change
Alarm type	NA		

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2017
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E006/IN.05.1 Applicable PQS VP(s): E006/IN.05 VP.1
Quality standard (Other)	ISO 9001:2015;		

VERIFICATION

Verification Report Reference		A65155	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-004
Description: Cold chain monitor
Manufactured in: Switzerland
Company: Berlinger & Co. AG

Contact Information

Address: Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland
 Switzerland
Telephone: +41 (71) 982 88 11
Email: info@berlinger.com.invalid
Web address: <http://www.berlinger.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vaccine cold chain monitor shipment record	Country of Manufacture	Switzerland
--------------------------------	--	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	Material	Card
External dimensions height (mm)	120.00	External dimensions width (mm)	150.00

Comments

The economical chemical indicators can be started individually by pulling out the start strip. They measure one or max. 2 temperature limits per indicator and are available for the following temperatures: -15 °C / -4 °C / 0 °C / +5 °C / +10 °C / +10°C and +34 °C / +26 °C / +31°C. The well-known VCCM card is equipped with the only indicator that can measure two temperatures (10 °C and +34 °C).
 Discounts apply for large orders.
 Testing laboratory: Wolff Laboratory (1988)

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Battery type	N/A
Battery shelf life (year)	N/A	User interface	N/A
Activated battery life	N/A	Display medium	---
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price at 500 units: 7.10 USD per unit	Shipping volume (m3)	0.01
Units per package	250.00	Year of base price	2022
Minimum order	500.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN02.1 Applicable PQS VP(s): E006/IN02-VP.1
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-006
Description: User prg temperature data logger
Manufactured in: China
Company: LogTag Recorders Limited

Contact Information

Address: PO Box 362-95, Northcote, Auckland, New Zealand
New Zealand
Telephone: +64 9 444 5881
Email: branda.yu@logtagrecorders.com
Web address: www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Logtag TRIX-8	Country of Manufacture	China
--------------------------------	---------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate	External dimensions height (mm)	85.00
External dimensions length (mm)	54.00	External dimensions width (mm)	9.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	85.00

Comments

The LogTag TRIX18 Temperature Logger is a battery powered stand-alone measurement system for digital time-temperature monitoring. It incorporates a temperature sensor arranged in a recess in the case. This design protects the sensor from damage but still provides a fast reaction time . Using the LogTag interface and LogTag 's free available companion software LogTag Analyser, it is easily set up for recording conditions including delayed start, sampling interval, continuous or fixed number of readings and configuration of conditions to activate the ALERT indicator. Readings are downloaded using LogTag Analyser which provides facilities for chart, zoom, and listing data statistics and allows exporting the data to other applications such as Excel. The data downloading requires an external USB based docking station (Logtag interface) not included in the price.

Maximum Logging Intervals: several hours

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Other	Power Source (Other)	Battery 3V
Programmability	User Programed	Battery type	Lithium 3V
Battery shelf life (year)	up to 10 years	User interface	Logtag interface + software
Activated battery life	36 months	Display medium	LED
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	20-99 units: 27.40 €	Shipping volume (m3)	0.0051
Price 2	100+ units: on request to manufacturer	Units per package	50.00
Year of base price	2013	Minimum order	20.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference	TUV 21123235_001
-------------------------------	------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
---------------------	---------------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-007
Description: Electronic freeze indicator
Manufactured in: Malaysia
Company: Berlinger & Co. AG

Contact Information

Address: Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland
Switzerland
Telephone: +41 (71) 982 88 11
Email: info@berlinger.com.invalid
Web address: <http://www.berlinger.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Freeze-tag	Country of Manufacture	Malaysia
-------------------------	------------	------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	ABS
External dimensions height (mm)	2.00	External dimensions length (mm)	50.00
External dimensions width (mm)	31.00	Minimum working temperature (°C)	-20.00
Maximum working temperature (°C)	50.00		

Comments Freeze-Tag is an irreversible temperature indicator that shows if a product, such as vaccine has been exposed to freezing temperatures. It consists of an electronic temperature measuring circuit with associated LCD-display. If the indicator is exposed to a temperature below $-0.5^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ for more then 60min \pm 3min the display will change from the ? "OK" status symbol (?) into the "ALARM" status symbol (x). . A small blinking dot in the right hand corner of the LCD display indicates that the device is functioning.
Discounts apply for large orders

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	60 months from manufacture date	User interface	LCD screen
Activated battery life	Device always active	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	8.90 USD per unit	Shipping volume (m3)	0.031
Units per package	500.00	Year of base price	2022
Minimum order	500.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference	151-04141
-------------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-009
Description: Electronic freeze indicator
Manufactured in: China
Company: Sensitech Inc.

Contact Information

Address: A Business Unit of Carrier Corporation, Suite 258X, 800 Cummings Center, Beverly, MA 01915 United States United States of America

Telephone: +1 978 - 927- 7033

Email: mmarks@carrier.com

Web address: <http://www.sensitech.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FreezeAlert TM	Country of Manufacture	China
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	ABS
External dimensions height (mm)	10.00	External dimensions length (mm)	52.00
External dimensions width (mm)	35.00	Maximum working temperature (°C)	55.00

Comments The FreezeAlert™ is a single alarm electronic temperature indicator providing an irreversible display of temperature exposure relative to the alarm setting of -0.5 °C for a continuous period of 60 minutes. If the indicator is exposed to conditions exceeding the alarm setting, the display changes from a “?” to an “X”, informing the user of the triggered alarm state. The device contains an integrated push-button switch for field activation and a dynamic “dot” icon which affirms active monitoring.
Carton of 1000 units

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin-cell
Battery shelf life (year)	can be stored inactivated for 12 months	User interface	Start button switch
Activated battery life	36 months (if stored for maximum 12 months)	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	500 units: 4.53 US\$; 1000 units: 3.89 US\$	Shipping volume (m3)	0.066
Price 2	5000 units: 3.64 US\$	Price 3	10 000 units: 3.40 US\$
Units per package	1000.00	Year of base price	2009
Minimum order	500.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report ReferenceS09EEC00004/C/BL/CEG Feb
2009

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-010
Description: 40 day Electronic shipping indicator
Manufactured in: China
Company: Sensitech Inc.

Contact Information

Address: A Business Unit of Carrier Corporation, Suite 258X, 800 Cummings Center, Beverly, MA 01915 United States United States of America
Telephone: +1 978 - 927- 7033
Email: mmarks@carrier.com
Web address: <http://www.sensitech.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VaxAlert TM	Country of Manufacture	China
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	18.00
External dimensions length (mm)	99.00	External dimensions width (mm)	58.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00
Comments	VaxalertTM is an electronic temperature indicator. It provides alarm status and alarm history. There are three types of Vaxalert (Type 1, Type 2, Type Prevmar and Type Rotateq). Each type has different alarm settings. The history gives up to 9 events with event number, alarm excursion, time of the alarm and max min temperature during the alarm time period. Consult the catalogue for more information on this device		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Not replaceable single use
Battery shelf life (year)	18 mths	User interface	Device itself
Activated battery life	Minimum 20 days	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	20-100 units: 17.5 US\$; 101-1000 units: 14 US\$	Shipping volume (m3)	0.0044
Price 2	1001 - 3000 units: 11.75 US\$	Price 3	3000 units and more: on request
Units per package	20.00	Year of base price	2009
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1
Quality standard (Other)	ISO 9001:2008		

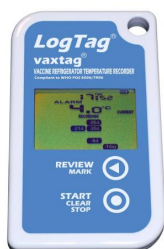
VERIFICATION

Verification Report Reference		S09EEC00004/A/BL/CEG	
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-013
Description:	30-day electronic temperature logger
Manufactured in:	China
Company:	LogTag Recorders Limited

Contact Information

Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VaxTag 30-day electronic temperature logger	Country of Manufacture	China
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	Polycarbonate
External dimensions height (mm)	9.00	External dimensions length (mm)	93.00
External dimensions width (mm)	55.00	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	60.00		

Comments	Accessories: Standard Logtag Interface (docking station not included in the price) and the Logtag Analyser Software Details of any excursions can be checked directly by inspecting the statistics history on the recorder's display or in more detail by downloading the logged data via a LogTag USB interface to a PC running LogTag Analyzer.
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	Lithium	User interface	Standard Logtag interface cradle
Activated battery life	2-3 years	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	20 - 99 units: 40.80 USD	Shipping volume (m3)	0.0051
Price 2	100+ units: on request	Units per package	50.00
Year of base price	2013	Minimum order	20.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR06.3 Applicable PQS VP(s): E006/TR06-VP.3
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference		A66604	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-014
Description:	Electronic shipping indicator Q-Tag CLm
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-Tag CLm	Country of Manufacture	Switzerland
--------------------------------	-----------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Non-corrodible plastics (ABS)	External dimensions height (mm)	12.00
External dimensions length (mm)	85.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00

Comments	<p>The reliable multi-alarm shipping and storage temperature indicator Q-tag CLm can be programmed with 5 individual alarm limits from -25°C to +50°C. Thanks to the break-off tab, it is clear whether the device has actually started. Immediate and easy decision-making is ensured thanks to precise date and time information on the device's display. With its long lifetime of up to 5 years, the Q-tag CLm is ideal for monitoring the entire cold chain. Discounts apply for large orders</p> <p>External dimensions (cm): 8.5 x 5.5 x 1.15 cm (without the card)</p>		
-----------------	--	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	60 months from manufacture date	User interface	LCD Stop / Info buttons
Activated battery life	40 days	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price at 100 units: 23.35 USD per unit	Shipping volume (m3)	0.004
Units per package	42.00	Year of base price	2022
Minimum order	100.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR07.1 Applicable PQS VP(s): E006/TR07-VP.1
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference		VA11-02742B	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-015
Description:	Electronic freeze indicator Q-Tag Quad
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-Tag Quad	Country of Manufacture	Switzerland
--------------------------------	------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	11.00
External dimensions width (mm)	39.00	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	55.00		

Comments	<p>Title: Irreversible freeze indicator Q-Tag Quad</p> <p>The small, handy multi-alarm shipping and storage temperature indicator Q-tag Quad can be programmed with 4 individual alarm limits from -25°C to +50°C. Its simple OK / ALARM display enables easy and immediate decision-making, while its long service life of up to 5 years is perfect for "last mile" use.</p> <p>Function: This irreversible temperature indicator consists of an electronic temperature measuring circuit with associated LCDdisplay. If the indicator is exposed to temperature below - 0.5°C for more than 60min the display will change from the "good" status symbol into the "alarm" status symbol. A small blinking dot in the right hand corner of the LCD display indicates that the device is functioning.</p> <p>Discounts apply for large orders</p> <p>Accuracy: +/- 0.5 °C</p> <p>Memory size: N/A</p> <p>Shipping volume per package (m3): 0.004 m3</p> <p>External dimensions (cm): 5.3 x 3.9 x 1.1 cm</p>
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	60 mths from manufacture date	User interface	LCD Start/Stop button
Activated battery life	60 mths from manufacture date	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price at 100 units: 11.65 USD per unit	Shipping volume (m3)	0.004
Units per package	100.00	Year of base price	2022
Minimum order	100.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-016
Description:	Electronic shipping indicator Q-Tag CLm doc
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-Tag CLm doc	Country of Manufacture	Switzerland
--------------------------------	---------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	12.00
External dimensions width (mm)	54.00	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	60.00		

Comments	<p>Title: Electronic shipping indicator Q-Tag CLm Doc</p> <p>Multi-alarm shipping temperature USB monitor. The Q-tag CLm doc passively monitors just the relevant points during the transport. The multi-alarm shipping temperature USB monitor has a storage capacity of 1,500 measurements and is a single use device. When connected to a PC/Mac, the device automatically generates a secure PDF/A report showing the recorded data.</p> <p>Accessories:</p> <ul style="list-style-type: none">- Data verification with Berlinger Verifier- Data management with Berlinger Smartview <p>All devices are delivered with NIST/LAC traceable certificate</p> <p>Discounts apply for large orders</p> <p>Accuracy: +/- 0.5°C</p> <p>External dimensions (cm): 9.4 x 5.4 x 1.2 cm (without card)</p> <p>Memory size: N/A</p> <p>Shipping volume per package (m3): 0.004 m3</p> <p>External dimensions (cm): 9.4 x 5.4 x 1.2 cm (without card)</p>		
-----------------	---	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	24 months from manufacture date	User interface	LCD
Activated battery life	40 days	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price at 20 units: 40.95 USD per unit	Shipping volume (m3)	0.004
Units per package	42.00	Year of base price	2020
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR07.1 Applicable PQS VP(s): E006/TR07-VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-020
Description: 30 day electronic temperature logger
Manufactured in: Switzerland
Company: Berlinger & Co. AG

Contact Information

Address: Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland
 Switzerland
Telephone: +41 (71) 982 88 11
Email: info@berlinger.com.invalid
Web address: <http://www.berlinger.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Fridge-tag 2	Country of Manufacture	Switzerland
--------------------------------	--------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Non-corrodible plastic (ABS)	External dimensions height (mm)	19.00
External dimensions length (mm)	128.00	External dimensions width (mm)	75.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

Comments

Fridge-tag 2 is the temperature monitor for medical refrigerators or freezers. It measures the ambient temperature every minute and immediately issues an alert when your alarm limit is exceeded. The large OK / ALARM indicator on the display enables immediate decision making. Accurate temperature data from the last 60 days is presented in a PDF, which is automatically generated when the device is connected to a PC/Mac, without additional software. The Fridge-tag 2 is also available with a removable external temperature sensor (measures down to -40°C / -40°F). Default configurations are Type 1 and Type 2 (as per TR06.4); other configurations are also possible.

FREE Apps:

The Fridge Tag 2 has been verified to be compatible with the free Varo Android application, which reads out data from 30DTR loggers and sends it via email to user-defined recipients in a format that can be easily aggregated using a separate free application called Pogo LT.

The Varo and Pogo LT apps are free. They are developed and maintained by a third party, not affiliated with Berlinger. However, we consider both apps a complementary value-add to our Fridge-tags that come for free. Discounts apply for large orders.

Country of Manufacture: Switzerland/Malaysia

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	42 months from manufacturing date	User interface	LCD
Activated battery life	42 months from manufacturing date	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	48.00 USD per unit	Shipping volume (m3)	0.009
Units per package	32.00	Year of base price	2022
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR06.3 Applicable PQS VP(s): E006/TR06-VP.3
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference		VA 13-00120	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-021
Description:	40 day electronic shipping indicator
Manufactured in:	China
Company:	LogTag Recorders Limited
Contact Information	
Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TIC20 - WA/B & TIC20 - WC	Country of Manufacture	China
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	6.00
Material	Polycarbonate	External dimensions height (mm)	8.00
External dimensions length (mm)	73.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00

Comments	<p>The LogTag TIC20 is a irreversible electronic temperature indicator for use in monitoring temperature and time statistics in pharmaceutical transport applications of up to 40 days duration and is factory pre-configured to monitor a range of standard vaccines. Provides clear indication of temperature history/alarm status at all times. Push button Start and Stop. Push Review button to display daily statistics in sequence. Data can be downloaded via an interface cradle (docking station not included in price) to LogTag Analyzer software if required.</p> <p>Order codes :</p> <p>TIC20-WC : WHO Type C alarm configuration for freeze sensitive vaccines (DTP, DT, TT, Td, HepB, IPV, liquid Hib and combination vaccines, MenAfriVac, HPV, Pneumo (other than Prevenar)).</p> <p>TIC20-WA/B : WHO Type A/B alarm configuration suitable for the international shipment of BCG, lyophilized Hib, measles, MR, MMR, meningitis (polysaccharide), OPV, rabies, rotavirus (other than rotateq) and yellow fever vaccines shipped with frozen icepacks.</p> <p>TIC20-WR : WHO type Rotateq only</p> <p>TIC20-WP : WHO type Prevenar only for Prevenar 7-valent conjugated vaccine (4 packs = 200 units, 0.031m3, 8.5kg)</p>
-----------------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	LiMg non replaceable
Battery shelf life (year)	1 1/2 year	User interface	LCD
Activated battery life	7 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	20-49 units: 24.00 USD	Shipping volume (m3)	0.006
Price 2	50+units: on request	Units per package	50.00
Year of base price	2013	Minimum order	20.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR07.2 Applicable PQS VP(s): E006/TR07-VP.2
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference	7191045935-EEC12/02
-------------------------------	---------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
---------------------	---------------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-022
Description:	User programmable temperature data logger CB
Manufactured in:	Switzerland
Company:	ELPRO-BUCHS AG
Contact Information	
Address:	Langaulistrasse 45 9470 Buchs Suisse Switzerland
Telephone:	+41 81 552 08 08
Email:	andrea.bischof@elpro.com
Web address:	http://www.elpro.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LIBERO CB	Country of Manufacture	Switzerland
--------------------------------	-----------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	11.00
External dimensions length (mm)	96.00	External dimensions width (mm)	37.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	Accessories: * freeware - liberoCONFIG - Configuration Software* - LIBERO SmartStart - Quick Configuration Tool* - liberoMANAGER - Online Cold Chain Database - elproVIEWER - Analysis Software* - elproASSISTANT - Task Manager The LIBERO CB PDF Logger is a single use data logger that automatically generates an evaluation report in PDF format upon connection to a USB port. No equipment and no software required to read out logger. Release products based on the OK or ALARM status on the display, retrieve the PDF report and forward it to the sender for further analysis or archive it locally. Key features: - 2 temperature thresholds with alarm delay; - Alarm on Mean Kinetic Temperature (MKT) - Alarm on duration / logging time; - Customizable text area for additional information (e.g. shipment information, instructions for recipient, etc.); - Chart visualizing the temperature curve and alarm limits Maximum recording time (days): 6.11 to 366 days
-----------------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.30	Power source	Non-replaceable battery
Programmability	User Programed	Battery type	CR Lithium
Battery shelf life (year)	min 1 year (no activation)	User interface	USB for computer
Activated battery life	12 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	40+ = 30.00USD; 120+ = 28.50USD	Shipping volume (m3)	0.003
Price 2	600+ = 27.00USD; 1000+ = on request	Units per package	40.00
Year of base price	2013	Minimum order	40.00

Incoterms	EXW		
QUALITY STANDARD			
Quality Standard	ISO 17025;Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2015		
VERIFICATION			
Verification Report Reference		SAS SCS 25 March 2010	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-023
Description:	User programmable temperature data logger CS
Manufactured in:	Switzerland
Company:	ELPRO-BUCHS AG
Contact Information	
Address:	Langaulistrasse 45 9470 Buchs Suisse Switzerland
Telephone:	+41 81 552 08 08
Email:	andrea.bischof@elpro.com
Web address:	http://www.elpro.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LIBERO CS	Country of Manufacture	Switzerland
--------------------------------	-----------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	11.00
External dimensions length (mm)	96.00	External dimensions width (mm)	37.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	<p>Accessories:</p> <ul style="list-style-type: none"> * freeware - liberoCONFIG - Configuration Software* - LIBERO SmartStart - Quick Configuration Tool* - liberoMANAGER - Online Cold Chain Database - elproVIEWER - Analysis Software* - elproASSISTANT - Task Manager <p>The LIBERO CS PDF Logger is a single use data logger with multiple alarm levels that automatically generates an evaluation report in PDF format upon connection to a USB port. No equipment and no software required to read out logger. Release products based on the OK or ALARM status on the display, retrieve the PDF report and forward it to the sender for further analysis or archive it locally.</p> <p>Key features: - up to 8 temperature alarm levels with single or cumulative delays; Alarm on Mean Kinetic Temperature (MKT); Alarm on duration / logging time; Customizable text area for additional information (e.g. shipment information, instructions for recipient, etc.); Chart visualizing the temperature curve and alarm limits</p>		
-----------------	---	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.30	Power source	Non-replaceable battery
Programmability	User Programed	Battery type	CR Lithium
Battery shelf life (year)	min 1 year (no activation)	User interface	USB for computer
Activated battery life	1 year	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	40+ = 40.00USD; 120+ = 38.00USD	Shipping volume (m3)	0.003
Price 2	600+ = 36.00USD	Price 3	1000+ = on request to manufacturer
Units per package	40.00	Year of base price	2013
Minimum order	40.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 17025;Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05-vp.1
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference	SAS SCS 122		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-028
Description:	User programmable temperature data logger
Manufactured in:	China
Company:	Sensitech Inc.
Contact Information	
Address:	A Business Unit of Carrier Corporation, Suite 258X, 800 Cummings Center, Beverly, MA 01915 United States United States of America
Telephone:	+1 978 - 927- 7033
Email:	mmarks@carrier.com
Web address:	http://www.sensitech.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TT4 USB Multi-Alarm Monitor	Country of Manufacture	China
--------------------------------	-----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	ABS	External dimensions height (mm)	21.00
External dimensions length (mm)	100.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	TT4 USB Multi-Alarm monitor (single use) offers a highly flexible alarm design that provides users the ability to program up to six (6) independent time-and-temperature alarm thresholds that can be any combination of four (4) different alarm types: 1). Single temperature limit (high or low) 2). Single Temperature Range Alarm consisting of a lower and upper temperature limit 3). Dual Temperature Range Alarm that links two temperature ranges to the same time threshold and 4). Time only Alarm. Included in the downloaded time-and-temperature data is the NIST traceable Certificate of Validation.
-----------------	---

Accuracy: $\pm 0.5^{\circ}\text{C}$ (-20°C to 45°C); $\pm 1.0^{\circ}\text{C}$ (-30°C to -20°C); option $\pm 0.2^{\circ}\text{C}$ at 0°C

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Non-replaceable battery	Programmability	User Programmed
Battery type	3.6 V lithium battery	Battery shelf life (year)	1 year
User interface	LCD + PC interface USB 2.0	Activated battery life	12 months
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	20-100 units: 37.50 USD; 101-500 units: 35.50 USD	Shipping volume (m3)	0.0044
Price 2	501-1000 units: 35.25 USD	Price 3	>1000 units: on request
Units per package	20.00	Year of base price	2014
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference		PO:37450; JN: T-49508-11	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-029
Description: 40 day electronic shipping indicator
Manufactured in: China
Company: Sensitech Inc.

Contact Information

Address: A Business Unit of Carrier Corporation, Suite 258X, 800 Cummings Center, Beverly, MA 01915 United States United States of America
Telephone: +1 978 - 927- 7033
Email: mmarks@carrier.com
Web address: <http://www.sensitech.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VaxAlertTM USB	Country of Manufacture	China
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	2.00
Material	ABS	External dimensions height (mm)	20.00
External dimensions length (mm)	101.00	External dimensions width (mm)	56.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00

Comments

Sensitech Inc.'s most advanced electronic temperature shipping indicator integrates multi-alarm cold chain monitoring with detailed time-temperature alarm excursion history information. This advanced indicator enables logistics staff, receivers and quality assurance personnel to determine if and when cold chain breaks occur in the supply chain. The user-friendly liquid crystal display (LCD) combines complete alarm status information with an alarm time-stamp record and the maximum or minimum temperature.

The indicators are factory configured with WHO established alarm profiles in support of UNICEF vaccine procurement and transport requirements. These cost-effective, single-use indicators monitor up to three time-temperature alarms, which can be tailored to specific cold chain transport monitoring requirements beyond WHO/UNICEF vaccine shipments. Its main features are: Automatic generation of Adobe® PDF cold chain data report; Integrated USB connector; Two types of alarms: (1) Single event alarms are triggered if temperature exceeds threshold for a contiguous time period, (2) Cumulative time event alarms are triggered if temperature exceeds threshold for a total sum of time. User-friendly three button interface and intuitive display enables immediate accept/reject decision making and detailed excursion history information. Alarm "time stamp" records elapsed time at point of alarm events, allowing supply chain partners to analyze variability and institute corrective actions.

Accuracy: $\pm 0.5^{\circ}\text{C}$ between -5°C and $+25^{\circ}\text{C}$
Maximum Logging Intervals: Optional up to 2 hours

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	3.6V Lithium
Battery shelf life (year)	24 mths	User interface	LCD and PC downloadable
Activated battery life	12 mths	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	19.00€ per unit	Units per package	20.00
Year of base price	2014	Minimum order	20.00

Incoterms	EXW		
QUALITY STANDARD			
Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR07.3 Applicable PQS VP(s): E006/TR07-VP.3
Quality standard (Other)	ISO 9001:2008		
VERIFICATION			
Verification Report Reference		ACS-E14535	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-030
Description: Electronic Shipping Indicator
Manufactured in: Switzerland
Company: Berlinger & Co. AG

Contact Information

Address: Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland
Switzerland
Telephone: +41 (71) 982 88 11
Email: info@berlinger.com.invalid
Web address: <http://www.berlinger.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-tag® CLm doc L	Country of Manufacture	Switzerland
--------------------------------	------------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	12.00
External dimensions length (mm)	94.00	External dimensions width (mm)	54.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	60.00

Comments

Multi-alarm shipping temperature USB logger. With an operating time of up to 365 days, the Q-tag CLm doc L multi-alarm shipping temperature logger is particularly durable monitor for your valuable goods. When connected to a computer, the logger automatically generates a secure PDF/A report showing the measured data including the temperature curve. The measurement interval is one minute and the memory has a capacity of 38,000.

Accessories:

- Data verification with Berlinger Verifier
- Data management with Berlinger Smartview

All devices are delivered with NIST/LAC traceable certificate
Discounts apply for large orders

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	24 months from manufacture date	User interface	LCD + PC downloadable
Activated battery life	40 days	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price at 20 units: 42.15 USD per unit	Shipping volume (m3)	0.004
Units per package	50.00	Year of base price	2022
Minimum order	50.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR07.1 Applicable PQS VP(s): E006/TR07-VP.1
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference	VA15-0238-10
-------------------------------	--------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
---------------------	---------------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-036
Description: Remote Temperature Monitoring Device
Manufactured in: South Africa
Company: Beyond Wireless Technology (Pty) Ltd

Contact Information

Address: 21 Cradock avenue Rosebank Johannesburg South Africa
Telephone: +27 (0)112432960/1
Email: dion@beyondwireless.co.za
Web address: <http://beyondwireless.co.za/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ICE3 - Model BC141	Country of Manufacture	South Africa
--------------------------------	--------------------	-------------------------------	--------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	75.00
External dimensions length (mm)	175.00	External dimensions width (mm)	40.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	105.00

Comments	<p>Remote monitoring / alarming device for cold-chain storage facilities and assets such as warehouses, fridges, freezers, walk-in cold rooms/freezers, incubators etc. The following are included:</p> <ul style="list-style-type: none"> - Inputs: 4 x Temperature, 4 x digital e.g. door, power status - Built-in Ambient temperature / RH - Built-in power monitoring (Mains and OEM versions). - Magnetic mount (in addition to / instead of screw mounts) - Backup battery in case of mains failure, with alarm notification. - Global SIM with multi-network roaming - Real time SMS, email, smartphone app and on-line alarming notifications with multi-recipient escalation - Portal access for unlimited users - Smartphone App (Android, iOS and Huawei) - Multilayer, remotely configurable alarm parameters. - Real-time GIS dashboard. - Historic online cold chain reporting & performance analysis with detailed root-cause and corrective action analytics by region, site, asset, make and model - Full 30DTR functionality - Alarm types include: Buzzer, LED, LCD (at unit) and SMS, Email, App, ColdCloud portal (remotely) - Available in Battery, Mains, OEM and truck configurations. <p>Options:</p> <ul style="list-style-type: none"> => GPS (track asset including fridges, refrigerated vehicles etc) => FreezeGuard (Automatically switch fridge off if temperature gets too cold) => Remote control (set fridge temperature remotely – replaces thermostat/controller in fridge) 		
-----------------	---	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.20	Memory size (Mb)	0.00
Power source	Other	Power Source (Other)	Battery / Mains / Solar
Programmability	Other	Battery type	Lithium
Programmability (Other)	Remotely programmable	Battery shelf life (year)	10 years

User interface	Membrane keypad, App, Internet browser	Activated battery life	Up to 1000 charge cycles
Display medium	Onboard LCD and Online (via internet browser)	Alarm type	Aucostic
PRICE AND SHIPPING			
Price 1	\$300 once-off and \$360 per year	Shipping volume (m3)	0.0015
Units per package	1.00	Year of base price	2015
Minimum order	1.00	Incoterms	FCA
QUALITY STANDARD			
Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-037
Description: Remote Temperature Monitoring Device
Manufactured in: South Africa
Company: Beyond Wireless Technology (Pty) Ltd

Contact Information

Address: 21 Cradock avenue Rosebank Johannesburg South Africa
South Africa
Telephone: +27 (0)112432960/1
Email: dion@beyondwireless.co.za
Web address: <http://beyondwireless.co.za/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Ice3-Extra-BC440	Country of Manufacture	South Africa
-------------------------	------------------	------------------------	--------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	255.00
External dimensions length (mm)	230.00	External dimensions width (mm)	80.00
Minimum working temperature (°C)	-200.00	Maximum working temperature (°C)	450.00

Comments	<p>Remote monitoring / alarming device for cold-chain storage facilities and assets such as warehouses, fridges, freezers (including -80°C and -200°C), walk-in cold rooms/freezers, incubators etc. The following are included:</p> <ul style="list-style-type: none">- Inputs: 8 x Temperature (or other), 8 x digital e.g. door, 8 x PT100 temperature (with add-on board)- Built-in Ambient temperature / RH- Onboard power monitoring and surge / spike protection.- Backup battery in case of mains failure, with alarm notification.- Global SIM with multi-network roaming- Real time SMS, email, smartphone app and on-line alarming notifications with multi-recipient escalation- Portal access for unlimited users- Smartphone App (Android, iOS and Huawei)- Multilayer, remotely configurable alarm parameters.- Real-time GIS dashboard.- Historic online cold chain reporting & performance analysis with detailed root-cause and corrective action analytics by region, site, asset, make and model- Alarm types include: Buzzer, LED, LCD (at unit) and SMS, Email, App, ColdCloud portal (remotely) <p>OPTIONS:</p> <ul style="list-style-type: none">=> Solar / DC input=> Analogue inputs e.g. 0-10V, 4-20mA (for external sensors such as differential press, RH, dust etc.)=> PT100 inputs (additional 8 channels) <p>Accuracy: +/- 0.2°C at 25°C (NTC); +/- 0.15°C at 0°C (PT100)</p>
----------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.02	Power source	Other
Power Source (Other)	Batter / Mains / Solar	Programmability	User Programed
Battery type	Li-ion	Battery shelf life (year)	>10
User interface	Internet browser	Activated battery life	Up to 500 full charge cycles

Display medium	Onbaord LCD and online	Alarm type	Aucostic
PRICE AND SHIPPING			
Price 1	\$580	Shipping volume (m3)	0.011
Price 2	NTC temeprature probes \$39	Price 3	Annual fee \$480 per year
Units per package	1.00	Year of base price	2015
Minimum order	1.00	Incoterms	FCA
QUALITY STANDARD			
Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-038
Description:	Irreversible freeze indicator
Manufactured in:	China
Company:	LogTag Recorders Limited

Contact Information

Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TICT-iS0°Tag	Country of Manufacture	China
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	5.00
Material	Polycarbonate	External dimensions height (mm)	9.00
External dimensions length (mm)	72.00	External dimensions width (mm)	33.00
Minimum working temperature (°C)	-25.00	Maximum working temperature (°C)	60.00

Comments	<p>The LogTag® TICT iS0°Tag® is a single-use, electronic freeze indicator for monitoring temperature as well as recording statistics during the transportation and storage of chilled products, such as vaccines, food or specialty chemical products, designed to meet WHO PQS performance specification E06/IN03.1 for irreversible freeze indicators.</p> <p>The product is made from durable polycarbonate plastic and features an LCD display and a START/MARK button.</p> <p>The LogTag TICT iS0°Tag® can monitor and record statistics against a -0.5°C temperature limit for up to 3 years, showing OK if environmental conditions remain at or above this limit. If, however, temperatures go below -0.5°C for more than 60 minutes continuously, the LCD shows a REJECT symbol, indicating the goods require further checking. The indicator stops and cannot be reset, once an alarm has been generated.</p>
-----------------	---

Memory capacity: 1096 MIN/MAX events, 540 real time measurements

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	3V Lithium Li-Mg coin cell
Battery shelf life (year)	3 years	User interface	LCD screen
Activated battery life	3 years	Display medium	Custom LCD display
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	50-999 units: 6.5 \$US	Shipping volume (m3)	0.017
Price 2	more than 1000 units: POA	Units per package	200.00
Year of base price	2016	Minimum order	50.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/IN03.1 Applicable PQS VP(s): E006/IN03-VP.1
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference		7191129301-EEC16/NCH	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-040
Description:	30-day electronic temperature logger
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Fridge-tag 2 E	Country of Manufacture	Switzerland
--------------------------------	----------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Non-corrodible plastic (ABS)	External dimensions height (mm)	19.00
External dimensions length (mm)	128.00	External dimensions width (mm)	75.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

Comments	<p>Fridge-tag 2 E, now with 5 years operating time, is the temperature monitor for medical refrigerators or freezers. It measures the ambient temperature every minute and immediately issues an alert when your alarm limit is exceeded. The large OK / ALARM indicator on the display enables immediate decisions to be made. Accurate temperature data from the last 60 days is presented in a PDF, which is automatically generated when the device is connected to a PC/Mac, without additional software.</p> <p>The Fridge-tag 2 E is also available with a removable external temperature sensor (measures up to -40°C / -40°F). Default configurations are Type 1 and Type 2 (as per TR06.4); other configurations are also possible.</p> <p>FREE Apps:</p> <p>The Fridge Tag 2 has been verified to be compatible with the free Varo Android application , which reads out data from 30DTR loggers and sends it via email to user-defined recipients in a format that can be easily aggregated using a separate free application called Pogo LT .</p> <p>The Varo and Pogo LT apps are free. They are developed and maintained by a third party, not affiliated with Berlinger.</p> <p>However, we consider both apps a complementary value-add to our Fridge-tags that come for free. Discounts apply for large orders</p> <p>Country of Manufacture: Switzerland/Malaysia</p>		
-----------------	--	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium coin cell
Battery shelf life (year)	66 months from the manufacturing date	User interface	LCD
Activated battery life	66 months from the manufacturing date	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	For 20 units 78.50 USD per unit	Shipping volume (m3)	0.017
Units per package	50.00	Year of base price	2022
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR06.3 Applicable PQS VP(s): E006/TR06-VP.3
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference		VA 16-01816	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-042
Description: 30-day electronic temperature logger
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HETL-01	Country of Manufacture	China
-------------------------	---------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	6.00
Material	ABS	External dimensions height (mm)	131.00
External dimensions width (mm)	24.00	Minimum working temperature (°C)	-20.00
Maximum working temperature (°C)	50.00		
Comments	30-day electronic refrigerator temperature logger, integrated sensor devices, reusable. It is used to monitor and log the vaccine and pharmacy storage environment, applied in vaccine refrigerators and cold rooms. This device can log the daily temperature data, and alarm indications displayed in the LCD display when the temperature exceeds. Data with 30 days can be viewed and downloaded by USB port to PC, and generate temperature charts		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Non-rechargeable lithium battery
Battery shelf life (year)	3 years	User interface	device itself
Activated battery life	2 years	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	1-100 units: USD 23.00	Shipping volume (m3)	0.001
Price 2	101-200 units: USD 22.00; 201-500 units: USD 21.00	Price 3	>501 units: USD 20.00
Units per package	5.00	Year of base price	2016
Minimum order	5.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR06.3 Applicable PQS VP(s): E006/TR06-VP.3
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference		WB-16-243	
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-043
Description:	User programmable temperature data logger
Manufactured in:	Sweden
Company:	Temperature Sensitive Solutions AB
Contact Information	
Address:	Berzelius vag 25 171 65 Solna Sweden
Telephone:	+46790791229
Email:	andras.kalmar@tss.se
Web address:	http://www.tss.se

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Weblogger II	Country of Manufacture	Sweden
--------------------------------	--------------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	12.00
External dimensions length (mm)	90.00	External dimensions width (mm)	43.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	The WebLogger II is a RoHS, CE and IATA compliant electronic temperature data logger. The logger can be individually configured and programmed or ordered preconfigured. It offers unique management of mission data, e.g. Shipping #, Origin, Destination, Carrier, and Data-Logger Location in the CCIS cloud. When the logger is plugged into a computer USB port, an HTM file is created containing the data. Clicking the file will display the result on a web dashboard and secure the mission data in the CCIS private secure cloud.
-----------------	--

Maximum Logging Intervals: 4 days

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	1.00
Power source	Non-replaceable battery	Programmability	User Programed
Battery type	CR Lithium	Battery shelf life (year)	1 year
User interface	USB for computer	Activated battery life	12 months
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	100-250: €39	Shipping volume (m3)	0.0104
Price 2	250+: €38	Price 3	1000+: on request to manufacturer
Units per package	100.00	Year of base price	2017
Minimum order	100.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2008		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-044
Description: User programmable temperature data logger
Manufactured in: China
Company: TempSen Electronics Company

Contact Information

Address: 2F, Building C2, Espace No. 6000 Shenzhuan Road Shanghai
201619 China
China
Telephone: +862167685210
Email: info@tempsen.com
Web address: www.tempsen.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ITAG4	Country of Manufacture	China
--------------------------------	-------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate	External dimensions height (mm)	7.00
External dimensions length (mm)	93.00	External dimensions width (mm)	45.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	User Programed	Battery type	3 V Lithium metal battery
Battery shelf life (year)	2 years	User interface	LCD
Activated battery life	2 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	(10-100 units): 20.99 \$	Shipping volume (m3)	1.3E-6
Price 2	>100 units: 19.49 \$	Units per package	20.00
Year of base price	2017	Minimum order	20.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-045
Description: User programmable temperature data logger
Manufactured in: China
Company: TempSen Electronics Company

Contact Information

Address: 2F, Building C2, Espace No. 6000 Shenzhuan Road Shanghai
201619 China
China
Telephone: +862167685210
Email: info@tempsen.com
Web address: www.tempsen.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ITAG4 Bio	Country of Manufacture	China
--------------------------------	-----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate	External dimensions height (mm)	7.00
External dimensions length (mm)	93.00	External dimensions width (mm)	45.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Non-replaceable battery	Programmability	User Programed
Battery type	3 V Lithium metal battery	Battery shelf life (year)	2 years
User interface	LCD	Activated battery life	2 months
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	(10-100 units): 23.99 \$	Shipping volume (m3)	1.3E-6
Price 2	>100 units: 21.99 \$	Units per package	20.00
Year of base price	2017	Minimum order	20.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-047
Description:	User programmable temperature data logger
Manufactured in:	United States of America
Company:	DeltaTrak Inc.
Contact Information	
Address:	P.O.Box 398 Pleasanton CA 94566 USA United States of America
Telephone:	+1 925 2492250
Email:	khadley@deltatrak.com
Web address:	http://www.deltatrak.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	DeltaTrak Model 40527	Country of Manufacture	United States of America
--------------------------------	-----------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	ABS Plastic	External dimensions height (mm)	24.00
External dimensions length (mm)	40.00	External dimensions width (mm)	93.00
Minimum working temperature (°C)	-50.00	Maximum working temperature (°C)	40.00

Comments	The FlashLink® Certified Vaccine USB PDF Data Logger is compatible with WHO and CDC guidelines for monitoring temperature conditions inside storage units where vaccines and other temperature sensitive liquid medicines are kept. This reusable data logger features a large, easy-to-read LCD and an external probe sealed in a 5ml glycol bottle. The glycol prevents false alarms by buffering the probe against sudden and expected temperature fluctuations during normal use, such as frequent door openings and cycling of the refrigerator or freezer. The glycol also emulates temperature changes experienced by most common fluids in storage, to give more accurate readings. The logger attaches to the outside of the storage door, while the sensor bottle is placed inside, allowing users to read current and minimum/maximum temperatures without opening the unit. A red LED alarm and low battery indicator are visible on the display, and the logger also features an audible alarm when out-of-range conditions occur. All loggers come standard with a glycol bottle, and are pre-configured to user requirements with alarms set either for refrigerator or freezer monitoring. DeltaTrak's in-house calibration laboratory is ISO 17025 accredited, and can provide a 2-year ISO 17025 Certificate of Calibration for an additional charge of \$50 per freezer monitoring. A 2-year ISO 17025 Certificate of Calibration is available for each unit. DeltaTrak's in-house calibration laboratory is ISO 17025 accredited. unit.
-----------------	---

Accuracy: (±0.5°C from -50°C to 25°C)

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Non-replaceable battery	Programmability	Other
Battery type	Two AAA lithium batteries,	Programmability (Other)	Factory and user programmable
Battery shelf life (year)	2 years	User interface	LCD + PC downloadable
Activated battery life	24 months	Display medium	LCD
Alarm type	Aucostic		

PRICE AND SHIPPING

Price 1	pricing upon request	Shipping volume (m3)	0.768
Units per package	1.00	Year of base price	2017
Minimum order	1.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 17025;Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s): E006/TR05.VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-048
Description: Remote Temperature Monitoring Device
Manufactured in: Poland
Company: Blulog Sp. z o.o

Contact Information

Address: Ul. Sielska 10/14 Biuro 14 60-129 Poznan
Poland
Telephone: +48606641176
Email: robert.neumann@blulog.eu
Web address: <http://blulog.eu/en/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Blulog	Country of Manufacture	Poland
--------------------------------	--------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	metal, plastic	External dimensions height (mm)	5.00
External dimensions length (mm)	85.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Non-replaceable battery	Programmability	Other
Battery type	Lithium non-replaceable	Programmability (Other)	temperature treshold, alert delay, start delay, measurement interval, alert sending
Battery shelf life (year)	3 years	User interface	Web application, Android application, windows softw
Activated battery life	3 years	Display medium	Lenovo Tablet
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	1-50 units: 210USD / Tablet + USB hub + holder	Shipping volume (m3)	0.005
Price 2	50-500 units: 200USD / Tablet + USB hub + holder	Price 3	500 - 1000 units: 190USD / Tablet + USB hub + hold
Units per package	5.00	Year of base price	2018
Minimum order	5.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference	EN 12830
--------------------------------------	----------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-049
Description:	User programmable data logger
Manufactured in:	Switzerland
Company:	American Thermal Instruments
Contact Information	
Address:	2400 E River Road, Dayton, OH 45439 United States of America
Telephone:	+1 937 429 2114
Email:	orders@americanthermal.com
Web address:	www.americanthermal.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	I-PLUG pdf BIO	Country of Manufacture	Switzerland
--------------------------------	----------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Compostable bioplastic	External dimensions height (mm)	75.00
External dimensions length (mm)	15.00	External dimensions width (mm)	31.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	65.00

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.30	Memory size (Mb)	16.00
Power source	Non-replaceable battery	Programmability	Other
Battery type	Manganese Dioxide Lithium Battery	Programmability (Other)	By Manufacturer or User.
Battery shelf life (year)	2 years	User interface	USB for computer
Activated battery life	12 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	75 USD	Shipping volume (m3)	0.0152
Units per package	100.00	Year of base price	2024
Minimum order	50.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E06/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



No image available

PQS code:	E006-050
Description:	Vaccine Vial Monitor Type 30
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HeatMarkerŠ@ VVM 30
--------------------------------	---------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical
--------------------------	----------

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Programmability	Factory Programmed
Battery type	N/A	Alarm type	Visual

PRICE AND SHIPPING

Year of base price	2007	Incoterms	EXW
---------------------------	------	------------------	-----

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E006/IN.05.1 Applicable PQS VP(s): E006/IN.05 VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-051
Description:	Vaccine Vial Monitor Type 7
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HeatMarkerŠ@ VVM 7	Country of Manufacture	United States of America
--------------------------------	--------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	50.00		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Battery type	N/A
User interface	device itself	Display medium	Color change
Alarm type	NA		

PRICE AND SHIPPING

Year of base price	2007	Incoterms	EXW
---------------------------	------	------------------	-----

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E006/IN.05.1 Applicable PQS VP(s): E006/IN.05 VP.1
Quality standard (Other)	ISO 9001:2008		

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-052
Description:	Vaccine Vial Monitor Type 11
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HeatMarkerŠ@ VVM 11	Country of Manufacture	United States of America
--------------------------------	---------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical
--------------------------	----------

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Battery type	N/A
Alarm type	NA		

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2007
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/IN.05.1 Applicable PQS VP(s): E006/IN.05 VP.1
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



No image available

PQS code:	E006-054
Description:	Vaccine Vial Monitor Type 14
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HEATmarker@ VVM 14	Country of Manufacture	United States of America
--------------------------------	--------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	50.00		

Comments	Full labels (typically white of clear liner) and dots (typically brown or clear liner) are made on lightweight litho/paper/film facestock offering exceptional printability and flexibility. The service temperature range for the adhesive is typically -40°F to 160°F, or wider. Liner (can either be PET or coated paper) is designed for high-speed roll-to-roll and label dispensing applications. A clear film-based over-laminate is used for dots (brown liner) for added stability and protection. This laminate is not intended to print on. Custom solutions, including a combination of approved litho/paper/film substrate and overlamine (if applicable) are available upon request.		
-----------------	---	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Battery type	N/A
User interface	device itself	Display medium	Color change
Alarm type	NA		

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2007
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: PQS/E006/IN05.3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2008		

VERIFICATION

Verification Report Reference	A65115		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-056
Description:	User Programmable data logger
Manufactured in:	Switzerland
Company:	ELPRO-BUCHS AG
Contact Information	
Address:	Langaulistrasse 45 9470 Buchs Suisse Switzerland
Telephone:	+41 81 552 08 08
Email:	andrea.bischof@elpro.com
Web address:	http://www.elpro.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LIBERO W	Country of Manufacture	Switzerland
--------------------------------	----------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Other	Mode of operation (Other)	wireless
Minimum logging intervals (mins)	1.00	Material	ABS PLASTIC
Minimum working temperature (°C)	-35.00	Maximum working temperature (°C)	50.00

Comments	External dimensions (cm): 115 x 82.5 x 27 mm (Base Station) 73 x 17 (Sensor)
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.40	Power source	Replaceable battery
Programmability	User Programed	Battery type	Alkaline Battery
Battery shelf life (year)	2 years	User interface	LCD screen
Display medium	LCD (Base Station) LED (Sensor)	Alarm type	Acoustic

PRICE AND SHIPPING

Shipping weight per carton(kg)	0.35	Price 1	\$400 - 1
Shipping volume (m3)	0.0012	Price 2	\$380 -27
Price 3	\$368 - 54 & \$352 - 108	Units per package	1.00
Year of base price	2019	Minimum order	1.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR05.1 Applicable PQS VP(s): E006/TR05-VP.1
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-060
Description:	Remote Temperature Monitoring Device
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haier U-Cool
--------------------------------	--------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS PLASTIC	External dimensions height (mm)	22.00
External dimensions length (mm)	115.00	External dimensions width (mm)	72.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	65.00

Comments	"Haier U-COOL Remote Temperature Monitoring Device, providing on-time on-line temperature data monitoring, and the alarms can be received via audio, visual, SMS, WEB and e-mail. In case of no internet, 30 days temperature data can be store locally and can be downloaded to the computer. The device can transfer the data via GPRS and SIM card from local to the cloud. The price include the hardware and service charges(SIM card and portal service)."
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Replaceable battery
Programmability	User Programed	Battery type	Li-ion
Battery shelf life (year)	2 years	User interface	LCD screen
Activated battery life	36 months	Display medium	LCD
Alarm type	Aucostic		

PRICE AND SHIPPING

Year of base price	2019
---------------------------	------

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2
Quality standard (Other)	ISO 9001:2008		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-061
Description: Remote Temperature Monitoring Device
Manufactured in: South Africa
Company: IKHAYA Automation systems

Contact Information

Address: Ikhaya Automation Systems Kwa Zulu Natal South Africa
South Africa
Telephone: 0861 111 105
Email: praba@myfridgeonline.com
Web address: <https://www.ikas.io>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VM1000	Country of Manufacture	South Africa
--------------------------------	--------	-------------------------------	--------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS PLASTIC	External dimensions height (mm)	50.00
External dimensions length (mm)	135.00	External dimensions width (mm)	100.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00

Comments

Ikhaya Automation Systems provides a plug and play Remote Temperature Monitoring Solution (RTMS) which is used to monitor Fridges, Freezers, Cold Chain Logistics, Incubators, Cryo's and any other temperature sensitive environment.

A RTMS kit comes standard with:

- 1 x VM 1000 (RTMS)
- 1 x Digital Temperature Probe
- 1 x Internal Temperature and Humidity Sensor
- 1 x GPS location monitoring
- 2 x Internal Lithium Ion Batteries
- 1 x 2 Pin universal power adaptor
- 1 x Door Sensor
- 2 x Velcro Strips

We offer flexibility such as:

1. We could provide a universal sim card that suits your specific requirements or you could provide your own local sim card.
2. Interactive Display - past and present alarms can be viewed by interactive LCD display or web platform
3. The standard VM1000 can accept 4 digital probes while the radio version VM1000R can accept 4 wired and 4 wireless probes
4. The wireless probes can do Temperature and Humidity, Pulse counting or take in a 4-20mA input

The RTMS can be configured into 2 states:

Option 1

Local SMS capable standalone data logger which can download the data via USB using an intelligent user friendly PC application and alert multiple users in the event of an excursion. An SD Card will be supplied with the unit at an extra cost and the PC application will be provided free of charge to be utilize of any windows computer. No yearly fee is required for this option.

Option 2

Real-time monitoring system with interactive web service consisting of Dashboard, Reports, Alerts and Graphs, remote viewing of current status.

Alerts can be set up on all variables being monitored by the VM1000; to mention a few Temperature, Humidity, Door Status, Power Failure and etc. These alerts can be customized by device and variable name together with thresholds and specific duration periods. The alerts are Audible, SMS, Email or a combination of each/all. SMS's alerts are generated from the device itself which eliminates the use of any 3rd party sms providers.

Our dashboard is color coded depicting the status of the variable being measured while our graphing service allows you to Zoom, pan, print or save.

Automated reports are generated daily, weekly, monthly or over a customized period using our playback option. This includes:

1. Detailed summary of variables with a graph
2. Logs for the pre-defined period
3. Exceptions for variables that have exceeded their threshold
4. Alarm history for alerts that have been dispatched to it recipients

Pricing

Standard RTMS kit for a quantity of 1-49 units = \$250 at an annual service fee of \$240 using our international sim card or \$156 your own sim card

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Mains+Battery
Programmability	Other	Battery type	Li-ion
Programmability (Other)	Factory or online configurable	Battery shelf life (year)	3 YEARS
User interface	Web based + LCD	Activated battery life	36 months
Display medium	LCD or any internet enabled device	Alarm type	NA

PRICE AND SHIPPING

Price 1	\$250: 1 -49 units	Shipping volume (m3)	0.003
Price 2	\$225: 50 - 99 units	Price 3	\$202: >100 units
Units per package	1.00	Year of base price	2019
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR03.2 Applicable PQS VP(s): E006/TR03-VP.2
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-062
Description:	Electronic Freeze Indicator
Manufactured in:	Switzerland
Company:	American Thermal Instruments
Contact Information	
Address:	2400 E River Road, Dayton, OH 45439 United States of America
Telephone:	+1 937 429 2114
Email:	orders@americanthermal.com
Web address:	www.americanthermal.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Endicate Freeze	Country of Manufacture	Switzerland
--------------------------------	-----------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	Minimum logging intervals (mins)	1.00
External dimensions height (mm)	8.00	External dimensions length (mm)	45.00
External dimensions width (mm)	45.00	Minimum working temperature (°C)	-20.00
Maximum working temperature (°C)	70.00		
Comments	Typr freezer device -0.5°C for 1 hour		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Passive device
Programmability	Factory Programmed	Battery type	CR2025
Battery shelf life (year)	2 years	User interface	LCD
Activated battery life	2 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	EUR 20	Year of base price	2024
Minimum order	10.00		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-063
Description:	Electronic Shipping Indicator Type 1
Manufactured in:	Switzerland
Company:	American Thermal Instruments
Contact Information	
Address:	2400 E River Road, Dayton, OH 45439 United States of America
Telephone:	+1 937 429 2114
Email:	orders@americanthermal.com
Web address:	www.americanthermal.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Endicate Type 1	Country of Manufacture	Switzerland
--------------------------------	-----------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Plastic	External dimensions height (mm)	8.00
External dimensions length (mm)	45.00	External dimensions width (mm)	45.00
Minimum working temperature (°C)	-20.00	Maximum working temperature (°C)	70.00
Comments	TYPE 1 DEVICE: >45°C FOR 1 HOUR >30°C FOR 10 HOURS -0.5 °C FOR 1 HOUR		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Passive device
Battery type	CR2025	Battery shelf life (year)	3 years
User interface	LCD	Activated battery life	2 months
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	20 \$USD	Year of base price	2024
Minimum order	10.00		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-064
Description:	Electronic Shipping Indicator Type 2
Company:	American Thermal Instruments
Contact Information	
Address:	2400 E River Road, Dayton, OH 45439 United States of America
Telephone:	+1 937 429 2114
Email:	orders@americanthermal.com
Web address:	www.americanthermal.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Endicate Type 2
--------------------------------	-----------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Plastic	External dimensions height (mm)	8.00
External dimensions length (mm)	44.00	External dimensions width (mm)	44.00
Minimum working temperature (°C)	-20.00	Maximum working temperature (°C)	70.00
Comments	Type 2 device > 45°C for 1 hour, > 30°C for 10 hours, >10°C for 20 hours		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Passive device
Battery type	CR 2025	Battery shelf life (year)	2 years
User interface	LCD screen	Activated battery life	2 months
Display medium	LCD	Alarm type	NA

PRICE AND SHIPPING

Price 1	20 \$USD	Year of base price	2024
----------------	----------	---------------------------	------

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-065
Description:	User Programable data logger
Manufactured in:	Switzerland
Company:	American Thermal Instruments
Contact Information	
Address:	2400 E River Road, Dayton, OH 45439 United States of America
Telephone:	+1 937 429 2114
Email:	orders@americanthermal.com
Web address:	www.americanthermal.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	BT360	Country of Manufacture	Switzerland
--------------------------------	-------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	PLASTIC	External dimensions height (mm)	25.00
External dimensions length (mm)	49.00	External dimensions width (mm)	70.00
Minimum working temperature (°C)	-20.00	Maximum working temperature (°C)	70.00
Comments	Memory size: 32,000 Shipping volume per package (m3): 50 CM3 External dimensions (cm): 49 x 70 x 25 mm		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Non-replaceable battery	Programmability	Other
Battery type	LITHIUM COIN CELL	Programmability (Other)	Manufacturer OR User
Battery shelf life (year)	1 YEARS	Activated battery life	UPTO 1 YEAR
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	125 \$USD	Shipping volume (m3)	50.0
Units per package	10.00	Year of base price	2024
Minimum order	10.00		

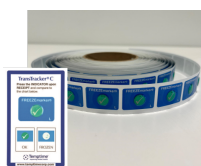
QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-067
Description:	Chemical Freeze Indicator
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company

Contact Information

Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	FREEZEmarker® L	Country of Manufacture	United States of America
--------------------------------	-----------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	External dimensions height (mm)	20.00
External dimensions width (mm)	29.00		

Comments	<p>The FREEZEmarker® Indicator is designed as a single-use self-adhesive indicator that provides an easy-to-read visual signal when there has been exposure to a freeze event. They can be ordered on rolls for label dispensing applications, or on a backing card. The TransTracker® backing card is an example of a single-use unit for monitoring temperature during transportation or short-term storage. The visible surface of the freeze indicator contains an area of color-changing liquid encapsulated in a blister. The FREEZEmarker varies in appearance: Before a Freeze Event, it is a clear liquid covering a green circle with a white checkmark inside the circle; at the Endpoint after a Freeze Event, the liquid will partially or completely change to appear white opaque/cloudy inside the blister. If uncertain whether the Endpoint has been reached, press the Active Zone with your fingertips to evenly distribute the white particles.</p> <p>The surface to which the FREEZEmarker will be applied (carton, card, glass, etc.) must be above 2°C (35.6°F).</p> <p>Standard backing cards with an indicator applied are 86 mm x 54 mm and provided in boxes of 200.</p> <p>Specification: -0.5°C ± 1°C, 60 minutes (maximum)</p> <p>Minimum order: 1 roll</p>
-----------------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Passive device	Display medium	Color Change Indicator
Alarm type	NA		

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2020
Minimum order	1.00		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: PQS/E006/IN07.1 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference	LLTPL/TL/2019-02
--------------------------------------	------------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-068
Description: Electronic Shipping Indicator
Manufactured in: Switzerland
Company: ELPRO-BUCHS AG

Contact Information

Address: Langaulistrasse 45 9470 Buchs Suisse
Switzerland
Telephone: +41 81 552 08 08
Email: andrea.bischof@elpro.com
Web address: <http://www.elpro.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LIBERO ITS	Country of Manufacture	Switzerland
-------------------------	------------	------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Metal housing	External dimensions height (mm)	260.00
External dimensions length (mm)	280.00	External dimensions width (mm)	28.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00
Comments	Accuracy: "±0.5 °C in the core range of -10 °C to +50 °C, typical accuracy (95?% of all indicators) ±0.4 °C Country of Manufacture: Switzerland/Malaysia		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Non-replaceable battery	Programmability	Factory Programmed
Battery type	Not replaceable single use	Battery shelf life (year)	12 months
User interface	Mobile phone App	Activated battery life	48 months
Display medium	3 LEDs	Alarm type	Visual

PRICE AND SHIPPING

Price 1	1 Envelope of 10 units: CHF 125.00	Price 2	1 Box of 400 units: CHF 3'920.00
Price 3	1 Container of 400 units: CHF 24'960.00	Units per package	400.00
Year of base price	2020	Minimum order	400.00
Incoterms	FAS		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR07.4 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-069
Description:	User Programable data logger
Manufactured in:	China
Company:	Parsyl Inc.
Contact Information	
Address:	Parsyl Inc. 2825 Larimer Str, Denver, CO 80205 USA United States of America
Telephone:	+1 (844) 472-7795
Email:	ssawadogo@parsyl.com
Web address:	www.parsyl.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Trek Pro	Country of Manufacture	China
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate + ABS	External dimensions height (mm)	100.00
External dimensions length (mm)	201.00	External dimensions width (mm)	38.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	70.00
Comments	Maximum recording time (days): 1095 (10 minute intervals)		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.10	Power source	Non-replaceable battery
Programmability	User Programed	Battery type	3V LiFeS2
Battery shelf life (year)	10 years	User interface	Switch, button, LEDs, audible alarms, mobile app
Activated battery life	36 months	Display medium	LEDs
Alarm type	Aucostic		

PRICE AND SHIPPING

Price 1	pricing upon request	Shipping volume (m3)	0.02
Units per package	80.00	Year of base price	2020
Minimum order	80.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR05.1 Applicable PQS VP(s): E006/TR05.1
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-070
Description:	40 day Electronic Shipping Indicator
Manufactured in:	China
Company:	LogTag Recorders Limited
Contact Information	
Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	USRID-16WC and USRID-16WA/B	Country of Manufacture	China
--------------------------------	-----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	5.00
Material	Polycarbonate with Lexan label	External dimensions height (mm)	9.00
External dimensions length (mm)	93.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	"The LogTag USRID-16W is an irreversible electronic temperature indicator and recorder for use in monitoring temperature in pharmaceutical transport applications of up to 40 days duration. Each model is factory pre-configured for a range of standard vaccines and provides a clear indication of the shipment's temperature alarm status at all times via the built-in display. The indicator can be started and stopped via push button, and alarms can be reviewed once the trip has been completed. A configurable PDF report with a trip and alarm summary, a chart and a data listing is available when plugged into any PC with a USB port and PDF reader software. Data can also be downloaded to LogTag Analyzer software for detailed analysis if required."
-----------------	--

Accuracy: Better than ± 0.5 °C for -20 °C to +40 °C, better than ± 0.7 °C outside this range

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Non-replaceable battery	Programmability	Factory Programmed
Battery type	3V LiMnO2 Button cell	Battery shelf life (year)	18 Months
User interface	LCD screen	Activated battery life	7 months
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	\$27.50 US for 20 - 99 pieces	Shipping volume (m3)	0.006
Units per package	50.00	Year of base price	2020
Minimum order	20.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS/E006/TR07.3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-071
Description:	Vaccine Vial Monitor Type 1
Manufactured in:	United States of America
Company:	Temptime Corporation, A Zebra Technologies Company
Contact Information	
Address:	116 American Road, Morris Plains, NJ, 07950, United States United States of America
Telephone:	+1 973 630 6000
Email:	rorie.doty@zebra.com
Web address:	www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HEATmarker® VVM1	Country of Manufacture	United States of America
--------------------------------	------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical	Minimum working temperature (°C)	-12.00
Maximum working temperature (°C)	93.00		

Comments	Full labels (typically white or clear liner) and dots (typically brown or clear liner) are made on lightweight litho/paper/film facestock offering exceptional printability and flexibility. The service temperature range for the adhesive is typically -40°F to 160°F, or wider. Liner (can either be PET or coated paper) is designed for label dispensing applications. A clear film-based over-laminate is used for dots (brown liner) for added stability and protection. Custom solutions including a combination of approved litho/paper/film substrate and over-laminate (if applicable) are available upon request		
-----------------	--	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Memory size (Mb)	32.00	Power source	Passive device
Display medium	Color change	Alarm type	NA

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2021
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E006/IN05.4 Applicable PQS VP(s): E006/IN05-VP.4
Quality standard (Other)	ISO 9001:2015		

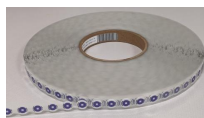
VERIFICATION

Verification Report Reference	LLTPL/2021/06-01		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-072
Description: Combined VVM30 & Threshold Indicator40
Manufactured in: United States of America
Company: Temptime Corporation, A Zebra Technologies Company

Contact Information

Address: 116 American Road, Morris Plains, NJ, 07950, United States
United States of America
Telephone: +1 973 630 6000
Email: rorie.doty@zebra.com
Web address: www.zebra.com/tempmonitoring

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HEATmarker® VVM+30	Country of Manufacture	United States of America
--------------------------------	--------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Chemical
--------------------------	----------

Comments	The VVM+ Indicator is a single-use, self-adhesive combined indicator that contains an active surface that signals by an irreversible color change from light to dark when either the defined threshold temperature profile has been exceeded or the cumulative heat exposure has been exceeded. Dots (on a clear liner) are made on film facestock. The service temperature range for the adhesive is typically -40°F to 200°F, or wider. Liner PET is designed for high speed roll-to-roll and label dispensing applications.
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Memory size (Mb)	16.00	Power source	Passive device
Display medium	Color change	Alarm type	NA

PRICE AND SHIPPING

Year of base price	2021	Minimum order	50000.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: E006/IN06.1 Applicable PQS VP(s): E006/IN06 -VP.1
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001:2015
---------------------------------	---------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-074
Description: USER PROGRAMMABLE DATA LOGGER
Manufactured in: India
Company: BPRO LABS PVT LTD

Contact Information

Address: A1 Deju Plaza , No. 2 South Avenue, Srinagar Colony,
Saidapet, Chennai TN-600 015, INDIA
India
Telephone: (+91) 90039 00188
Email: vikram@bprolabs.com
Web address: www.bprolabs.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	NT TEMPERATURE DATA LOGGER	Country of Manufacture	India
--------------------------------	-------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	23.00
External dimensions length (mm)	97.00	External dimensions width (mm)	49.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	User Replacable Battery, Shadow Logging Feature, Alarm Log Report etc. Accuracy: +/-0.5°C (-30°C to +50°C) and +/-1.0°C(+50°C - 70°C)
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Other	Power Source (Other)	3.6V DC user replaceable Battery
Programmability	User Programed	Battery type	Li-SOCI2 Lithium
Battery shelf life (year)	2 years	User interface	LCD DISPLAY
Activated battery life	12-15 months	Display medium	LCD Display
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	\$17 for MOQ of 100 Nos	Year of base price	2021
Minimum order	1.00	Incoterms	EXW

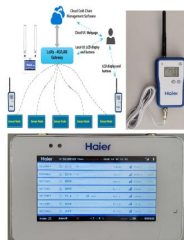
QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-075
Description: Remote Temperature Monitoring Device
Manufactured in: China
Company: Qingdao Haier Biomedical Co., Ltd

Contact Information

Address: No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone: +86-532-88935593
Email: tianhui.yu@haierbiomedical.com
Web address: <http://www.haiermedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	U-COOL-LORA	Country of Manufacture	China
--------------------------------	-------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Gateway: Aluminium frame; Logger: ABS	External dimensions height (mm)	33.00
External dimensions length (mm)	160.00	External dimensions width (mm)	100.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	80.00

Comments

1X Gateway,4X Temperature sensor,1X Door On-off sensor,1X Power Outage sensor
The whole system consists of repeaters and different collectors: Four Temperature collectors, One Power on-off collector, One Door open-close collector.
The software fee includes annual subscription fees, portal access fee, SIM card startup fee.
The collector sends the collected data to the repeater through LoRa(Long Range Radio) signal, and the repeater sends the data to the cloud platform through GPRS signal.
A repeater can be automatically connected with about 60 collectors. Users do not need any settings for the hardware devices, and can operate after starting up. Users only need to set the alarm threshold, user information and device name on the cloud platform.

Weight per package (Kg): 1X Gateway: 0.64Kg

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Mains+Battery
Battery type	Lithium	Battery shelf life (year)	3 years
User interface	LCD DISPLAY	Activated battery life	36 months
Display medium	LCD Display	Alarm type	Visual

PRICE AND SHIPPING

Price 1	The software fee: 200 USD to 300 per year	Shipping volume (m3)	0.023
Price 2	The hardware fee: 1350USD (1-50 units)	Price 3	The hardware fee: 1300USD (51-100 unit)
Units per package	1.00	Year of base price	2021
Minimum order	1.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-076
Description:	User programmable data logger
Manufactured in:	China
Company:	LogTag Recorders Limited

Contact Information

Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	UTRID-16	Country of Manufacture	China
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate	External dimensions height (mm)	9.00
External dimensions length (mm)	93.00	External dimensions width (mm)	55.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	65.00

Comments	<p>LogTag's UTRID-16 is a fully configurable, multi-use USB PDF temperature recorder with a built-in display, that can create temperature reports without the need to install proprietary software or hardware at the destination. Select statistical data can be reviewed directly on the display without the need for a PC. The recorder can be configured using LogTag® Analyzer, and is then placed with the goods to be monitored. At the end of the trip, the UTRID-16 can be plugged straight into a computer's USB port and generates a PDF file, which can be accessed using PDF software such as Acrobat Reader.</p> <p>Accuracy: Better than ± 0.5 °C for -20 °C to +40 °C, better than ± 0.7 °C for -30 °C to -20 °C and +40 °C to +60</p>
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Memory size (Mb)	4.00	Power source	Non-replaceable battery
Battery type	CR2450 3V Li-MnO2 UN38.3 approved coin cell	Battery shelf life (year)	12 months
User interface	USB / Display / Buttons	Activated battery life	24 months
Display medium	LCD Display	Alarm type	Visual

PRICE AND SHIPPING

Price 1	48 USD	Shipping volume (m3)	0.028
Units per package	50.00	Year of base price	2021
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-077
Description:	Electronic Shipping Indicator
Company:	Parsyl Inc.
Contact Information	
Address:	Parsyl Inc. 2825 Larimer Str, Denver, CO 80205 USA United States of America
Telephone:	+1 (844) 472-7795
Email:	ssawadogo@parsyl.com
Web address:	www.parsyl.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Parsyl Trek Tab
--------------------------------	-----------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate + ABS	External dimensions height (mm)	5.00
External dimensions length (mm)	51.00	External dimensions width (mm)	26.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00
Comments	Memory size: 30 days on device		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.40	Power source	Non-replaceable battery
Battery type	3V LiMnO2	Battery shelf life (year)	2 years
User interface	mobile app, LED	Activated battery life	3 months
Display medium	Mobile device	Alarm type	NA

PRICE AND SHIPPING

Price 1	Pricing models vary	Shipping volume (m3)	0.021609
Units per package	50.00	Year of base price	2021
Minimum order	50.00	Incoterms	EXW

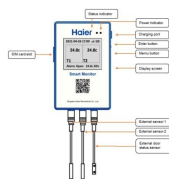
QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS-E006-TR07.4 Applicable PQS VP(s): E006-TR07-VP.3
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-078
Description:	Remote Temperature Monitoring Device
Company:	Qingdao Haier Biomedical Co., Ltd
Contact Information	
Address:	No.280 Fengyuan Road High-tech Zone Qingdao(266111), China; People's Republic of China
Telephone:	+86-532-88935593
Email:	tianhui.yu@haierbiomedical.com
Web address:	http://www.haiermedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	U-COOL Pro
--------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	21.00
External dimensions length (mm)	112.00	External dimensions width (mm)	75.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	65.00
Comments	The device measures and records the temperature of refrigerator and the state of door , and transmits them to the platform through GPRS, realizing remote platform monitoring. External dimensions (cm): 112mm*75mm*21mm		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Replaceable battery
Battery shelf life (year)	2 years	User interface	LCD screen
Activated battery life	36 months	Display medium	LCD Display
Alarm type	Aucostic		

PRICE AND SHIPPING

Year of base price	2021
---------------------------	------

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s): E006/TR07-VP.3
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-079
Description: USER PROGRAMMABLE DATA LOGGER
Manufactured in: India
Company: Honeywell International (India) Private Limited

Contact Information

Address: 302, Level 3, Summer Court, Near Seasons Mall Magarpatta City, Hadapsar, Pune - 411013 India
Telephone: +91 9820717523
Email: suraj.subramoniam@honeywell.com.invalid
Web address: <https://blutag360.honeywell.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Honeywell BluTag 360™	Country of Manufacture	India
--------------------------------	-----------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS)	External dimensions height (mm)	14.00
External dimensions length (mm)	77.00	External dimensions width (mm)	61.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	60.00
Comments	<p>"Features - Customizable text area in Configuration page available in Software to fill additional information (e.g. shipment information, instructions for recipient if any, Product description etc.) that would be visible upon generation of shipment report</p> <p>Any event of excursion can be checked directly by inspecting the data logger's LED display (A solid green light would indicate no excursion, while a red light would indicate excursion) or in more detail by downloading the logged data via USB interface to a PC running Honeywell BluTag 360 software</p> <p>-Shipment reports can be downloaded in PDF + EXCEL. In case of single use configuration, a PDF report is automatically generated without need for any software.</p> <p>NIST Traceable Calibration Validation Certificate available for download for every single device via Honeywell BluTag 360 software"</p>		

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Memory size (Mb)	0.00
Power source	Other	Power Source (Other)	coin cell battery 3V
Programmability	User Programed	Battery type	Lithium Coin
Battery shelf life (year)	18 months from the date of Manufacturing	User interface	USB
Activated battery life	12 Months (min)	Display medium	LED + Digital display through Honeywell BluTag 360™ Software
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	MOQ of 20 to 100 units - \$ 20 / unit	Shipping volume (m3)	0.0057
Price 2	MOQ of 20 to 100 units - \$ 18 / unit	Price 3	MOQ of 20 to 100 units - \$ 16 / unit
Units per package	20.00	Year of base price	2021
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 17025;Other	Specification Reference	Applicable PQS specification: PQS/TR05.1 Applicable PQS VP(s):
Quality standard (Other)	Other		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-080
Description:	Remote Temperature Monitoring Device
Manufactured in:	Thailand
Company:	Parsyl Inc.
Contact Information	
Address:	Parsyl Inc. 2825 Larimer Str, Denver, CO 80205 USA United States of America
Telephone:	+1 (844) 472-7795
Email:	ssawadogo@parsyl.com
Web address:	www.parsyl.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Parsyl Trek Pro & Passport	Country of Manufacture	Thailand
--------------------------------	----------------------------	-------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	166667.00
Material	Polycarbonate + ABS	Minimum working temperature (°C)	-40.00
Maximum working temperature (°C)	70.00		

Comments	Parsyl's combined hardware and software solution provides reliable remote monitoring of sensitive health commodities as they move through the supply chain, both in transit and storage. Pricing for the Parsyl Trek Pro and Passport includes: Global SIM data, access to the Parsyl platform, 3 year warranty, and SMS/email notifications.
-----------------	---

External dimensions (cm): 2.0x3.9x10 cm (Trek Pro), 4.2x9.8x11.7 cm (Passport)

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.10	Power source	Mains+Battery
Programmability	User Programed	Battery type	3V LiFeS2
Battery shelf life (year)	10 years	User interface	Switch, button, LEDs, audible alarms, mobile appli
Activated battery life	36 months	Display medium	LED and mobile phone
Alarm type	NA		

PRICE AND SHIPPING

Price 1	\$400	Shipping volume (m3)	0.021609
Units per package	2.00	Year of base price	2022
Minimum order	1.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR03.2 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-081
Description: 30 Day Temperature Logger
Manufactured in: India
Company: G-Tek Corporation Private Limited

Contact Information

Address: 3, JALARAM MANDIR ROAD, MAHAVIR INDUSTRIAL ESTATE, KARELIBAUG, Karelighat Vadodara - 390018, Gujarat, India
Telephone: +91 98 242 61702
Email: sonam.chauhan@gtek-india.com
Web address: www.gtek-india.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LM-XS Pro E006	Country of Manufacture	India
-------------------------	----------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate plastic; non-breakable, non-corrodible	External dimensions height (mm)	20.00
External dimensions length (mm)	128.00	External dimensions width (mm)	60.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

Comments	"(1) Manual Start, on long press of UP key (2) Start delay of 10 minutes (3) Once started device cannot be stopped. (4) Device can be PAUSED to exclude data from alarm, min/max statistics for 15 min. But recording will continue. (5) Auto resume from PAUSE after 15 mins. (6) User can view last 30 days of history data on display using keyboard. (7) Total of 120 days of storage. (8) Memory Roll-over after 120 days of storage. (9) Multi digit, character LCD display to indicate various functions, parameters and values (10) Display dimension: 22 x 42 mm; 0.35" HTN Reflective; (11) Display Auto-off; after 1min of non-access of Keyboard (12) LED status indicator for RUN and STOP mode (13) Three front panel keys to perform various functions For more details refer to the operating manual and quick start guide."
----------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	"Non-Replaceable 3.0 V 950mAh; CR2477 Panasonic
Battery shelf life (year)	3	User interface	LCD
Activated battery life	36 months	Display medium	LCD Display
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	1-100 units: US\$75 per unit	Shipping volume (m3)	0.038
Price 2	101-250 units: US\$55 per unit	Price 3	> 250 units :Consult Factory
Units per package	30.00	Year of base price	2022
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: PQS-E006-TR07.4 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-082
Description: USER PROGRAMMABLE DATA LOGGER
Manufactured in: China
Company: Inspired Technology Ltd

Contact Information

Address: 10, ANSON ROAD, #22 02INTERNATIONAL PLAZA,
SINGAPORE 079903
Singapore
Telephone: +971589887197
Email: mohamed@inspiredtechnology.co.invalid
Web address: <http://www.inspiredtechnology.co>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vac-TL-01	Country of Manufacture	China
-------------------------	-----------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	Polycarbonate
External dimensions height (mm)	80.00	External dimensions length (mm)	97.00
External dimensions width (mm)	53.00	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	70.00		

Comments	The Vac-TL-01 is a user programmable temperature data logger with low power LCD and USB connector that allows quick access to PDF data report without use of any software or cable. The logger can be individually configured and programmed or order preconfigured. Vac-TL-01 is supplied with InspiredOne software. InspiredOne software has FDA 21 CFR Part 11 compliance mode, and an option to download a temporary PDF in recording mode. Accuracy: $\pm 0.5^{\circ}\text{C}$ (-20°C to $+40^{\circ}\text{C}$); $\pm 1.0^{\circ}\text{C}$ (other range) Memory size: 1000 data points
----------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Non-replaceable battery	Programmability	User Programed
Battery type	Coin Cell Battery 3V	Battery shelf life (year)	2 Years
User interface	LCD DISPLAY	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	Price per unit : \$20EA	Shipping volume (m3)	0.004
Price 2	Price per 10 units : \$20EA	Price 3	100+ units: \$19 EA; 500+ units on request.
Units per package	30.00	Year of base price	2022
Minimum order	30.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-083
Description:	User programmable data logger
Manufactured in:	China
Company:	Elitech Technology Inc.
Contact Information	
Address:	2528 Qume Dr. Ste 2, San Jose, CA 95131 China
Telephone:	+86 188 7332 5608
Email:	jctest@e-elitech.com
Web address:	www.elitechlog.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LogEt 1	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate	External dimensions height (mm)	80.00
External dimensions length (mm)	97.00	External dimensions width (mm)	53.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	**User-Programmable. Software-free online configuration or use free Elitechlog software. No hidden costs. *Easy to use. Create PDF reports without software or cable, The PDF Report is available at any time without stopping the Logger. *Damage control. Up to 5 levels of limit values can be set. *Light Intensity/Illuminance (Lux). Detect whether a parcel has been opened or not during a shipment. *Back up shadow log, prevent data from being lost *Password protection, protect data safety and prevent misuse. *Humidity sensor is optional		
-----------------	---	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	User Programed	Battery type	Coin Cell Battery 3V
Battery shelf life (year)	2 years	User interface	LCD DISPLAY
Activated battery life	6 months	Display medium	LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	30-100 units: 18.50 USD	Shipping volume (m3)	0.0043
Price 2	100-500 units:17.50 USD	Price 3	>500 units: on request to manufacturer
Units per package	30.00	Year of base price	2022
Minimum order	30.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

VERIFICATION

Verification Report Reference

TUV E8A 114320 0001 Rev. 00

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
---------------------	---------------------	--------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-084
Description: User programmable data logger
Manufactured in: Thailand
Company: Parsyl Inc.

Contact Information

Address: Parsyl Inc. 2825 Larimer Str, Denver, CO 80205 USA
United States of America
Telephone: +1 (844) 472-7795
Email: ssawadogo@parsyl.com
Web address: www.parsyl.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Parsyl Trek Tab	Country of Manufacture	Thailand
--------------------------------	-----------------	-------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate + ABS	External dimensions height (mm)	5.00
External dimensions length (mm)	51.00	External dimensions width (mm)	26.00

Comments	<p>Parsyl's combined hardware and software solution provides reliable remote monitoring of sensitive health commodities as they move through the supply chain, both in transit and storage.</p> <ul style="list-style-type: none">• The Trek Tab device includes temperature sensor.• Users can configure multiple visual alarms to alert them when a threshold has been breached.• Data is collected and stored even in low and no connectivity environments, meaning that no data will be lost even when power and cell service is inconsistent or unavailable.• Data is transferred via Bluetooth Low Energy (BLE) to the Parsyl mobile app, where users can view the alarms and additional metrics. Data can also be transferred via the optional Parsyl Gateway, which automatically transfers data for nearby devices via cellular or wi-fi.• Offloaded data is automatically uploaded to the Parsyl web platform.• Parsyl sensor data collected is processed into actionable insights allowing health care workers to take remedial actions which can be recorded in the Parsyl mobile application.• The Parsyl web application provides timelines and details of excursions that help to prevent the same issues from happening again in the future.
-----------------	--

Memory size: 16,000 data points

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	3V LiMnO2	Battery shelf life (year)	2 years
User interface	mobile app, LED	Activated battery life	12 Months (min)
Alarm type	NA		

PRICE AND SHIPPING

Price 1	\$12	Shipping volume (m3)	0.02
Units per package	50.00	Year of base price	2022
Minimum order	50.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-085
Description:	User programmable data logger
Manufactured in:	China
Company:	Testo SE & Co. KGaA
Contact Information	
Address:	Celsiusstr. 2 79822 Titisee-Neustadt Germany Germany
Telephone:	+49 7653 681 – 6156
Email:	chschwaer@testo.de
Web address:	www.testo.de

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	testo 184 T3	Country of Manufacture	China
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	ABS	External dimensions height (mm)	40.00
External dimensions length (mm)	97.00	External dimensions width (mm)	12.00
Minimum working temperature (°C)	-35.00	Maximum working temperature (°C)	70.00

Comments	<p>With the temperature data loggers testo 184 T3, you monitor the transport of sensitive goods such as pharmaceuticals, foods or electronics, over an unlimited period. More info on applications. At their destination, a glance at the display or the LEDs tells you whether the configured limit values have been adhered to. In order to obtain detailed information, it is sufficient to connect the logger to a PC – a PDF report is immediately generated with all relevant data. In order for you to be able to work even more efficiently and conveniently with the data loggers, all required files and information are stored directly and securely in the testo 184 T3: Configuration file, acceptance test certificate 3.1 according to DIN ISO 10204, instruction manual and PDF report of your recorded data. The measurement value store of the temperature data logger testo 184 T3 has a capacity of 40000 measurement values. The measurement rate is freely selectable from 1 min to 24 h. The battery has a life of 500 days. The temperature data logger testo 184 T3 is supplied by a standard battery which can be exchanged by the user.</p> <p>testo 184 T3 is compliant with GxP, 21 CFR Part 11, HACCP and EN 12830. Testo is an ISO 9001-certified company, and ensures the adherence to the norms through internal audits as well as accredited external audits.</p>
-----------------	---

Memory size: 16000 data points

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Replaceable battery
Programmability	User Programed	Battery type	CR2450 3V
Battery shelf life (year)	10 years	User interface	2 buttons, 3 LED, 1 display
Activated battery life	3 months	Display medium	LCD Display
Alarm type	NA		

PRICE AND SHIPPING

Price 1	108 euros	Year of base price	2022
----------------	-----------	---------------------------	------

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E006/TR05.1 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-086
Description:	Electronic Shipping Indicator
Company:	Inspired Technology Ltd
Contact Information	
Address:	10, ANSON ROAD, #22 02INTERNATIONAL PLAZA, SINGAPORE 079903 Singapore
Telephone:	+971589887197
Email:	mohamed@inspiredtechnology.co.invalid
Web address:	http://www.inspiredtechnology.co

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vax Ultima
--------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	ABS	External dimensions height (mm)	8.00
External dimensions length (mm)	95.00	External dimensions width (mm)	49.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	60.00

Comments	<p>Vax Ultima is the Single use pre-programmed electronic shipping indicator with non-replaceable battery to accompany vaccine shipments from the vaccine manufacturer's warehouse to the receiving country's primary vaccine store. Vax Ultima displays the shipment's time-temperature exposure on the LCD display, without need for downloading to a PC and without need for a separate reading device. Additional to that it has an USB, to download the comprehensive time and temperature detailed report without any additional software required.</p> <p>Vax Ultima-Electronic shipping indicator is supplied Pre-programmed four versions :</p> <ul style="list-style-type: none"> • Type C: Programmed with alarm settings suitable for the international shipment of DTP, DT, TT, Td, HepB, IPV, liquid Hib and combination vaccines, MenAfriVac, HPV, Pneumo (other than Prevenar). • Type A/B: Programmed with alarm settings suitable for the international shipment of BCG, lyophilized Hib, measles, MR, MMR, meningitis (polysaccharide), OPV, rabies, rotavirus (other than rotateq) and yellow fever vaccines shipped with frozen water-ice packs. • Type Rotateq: Rotateq only • Type Prevenar: only for Prevenar 7 and 13 -valent conjugated vaccine. <p>Each version is offered with 111 days recording period @ 5 minutes recording interval and 222 days recording period @ 10 minutes recording interval. A legible photocopy is possible in VaxUltima's LCD display as a permanent record for shipment's arrival is stable on the display once the logger is stopped.</p> <p>Maximum recording time (days): 111 days @ 5 minutes logging interval Memory size: 30 days overview on the display/ PDF report up to 120</p>
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	Coin Cell Battery 3V	Battery shelf life (year)	2 years
User interface	LCD and PC downloadable	Activated battery life	12 Months (min)
Display medium	LCD	Alarm type	Visual

PRICE AND SHIPPING

Price 1	\$21	Shipping volume (m3)	0.002
Units per package	20.00	Year of base price	2022

Minimum order	20.00	Incoterms	EXW
QUALITY STANDARD			
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-087
Description:	Remote Temperature Monitoring Device
Manufactured in:	Sri Lanka
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SmartMonitor SITE L	Country of Manufacture	Sri Lanka
--------------------------------	---------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	5.00
Material	plastic housing	External dimensions height (mm)	20.00
External dimensions length (mm)	72.00	External dimensions width (mm)	125.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	75.00

Comments	<p>Remote temperature monitoring of refrigerator/freezers.</p> <p>As part of the SmartSystem, the SmartMonitor SITE L provides real-time monitoring of temperature alarms through visual and acoustic alarms. At the same time transmits status monitoring data to the central SmartView platform, which displays all measurement data, trends and alarms. SmartView also provides alarm notification for customer-defined contacts to selected cell phones and/or email. The SmartSystem includes SmartView software and global mobile network coverage (cellular). The SmartMonitor features visual + audio alarms on the device.</p> <p>The SmartMonitor SITE L covers a temperature range from -200 °C to +75 °C, with specific SmartSensors for different temperature ranges and up to 24 individually programmable alarm rules for temperature and humidity. The communication technologies included are Cellular LTE Cat M1 (4G/5G), NB-IoT, 2G; WiFi; GNSS. Webbased SmartView can be used by multiple users without installing additional software. Temperature data can be integrated into other systems (LMIS etc).</p> <p>Accessories:</p> <ul style="list-style-type: none"> - SmartCradle for secure mounting of the SmartMonitor SITE L - SmartHub for connecting up to 4 external sensors to the SITE L SmartMonitor. - SmartSensor extension cable for efficient and reliable installation (1m) <p>More information: https://www.berlinger.com/temperature-monitoring/services/smartsystem-user-support</p> <p>Accuracy: +/- 0.5°C in the range of [-10°C, +45°C] Memory size: 1000 data points</p>
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Mains+Battery
Programmability	User Programed	Battery type	Ni-MH battery pack
Battery shelf life (year)	0	User interface	USB & cloud
Activated battery life	7 days	Display medium	Liquid Crystal
Alarm type	Aucostic		

PRICE AND SHIPPING

Price 1	USD 325	Shipping volume (m3)	0.023
Units per package	10.00	Year of base price	2023

Minimum order	10.00	Incoterms	FCA
QUALITY STANDARD			
Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-088
Description:	Electronic Shipping Indicator - ULT
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-tag CLm doc D	Country of Manufacture	Switzerland
--------------------------------	-----------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Plastic housing	External dimensions height (mm)	20.00
External dimensions length (mm)	94.00	External dimensions width (mm)	54.00
Minimum working temperature (°C)	-96.00	Maximum working temperature (°C)	30.00

Comments	Dry ice multi-alarm shipping temperature USB monitor Ideal for shipments between –96°C to +30°C. The dry-ice multi-alarm shipping logger has a storage capacity of 38,000 measurements and is single use. When connected to a computer, the logger automatically generates a secure PDF report showing the measured data including the temperature curve. Accessories: - Data management with Berlinger Smartview - Data verification with Berlinger Verifier Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request Open mSupply compatible (validated) Discounts apply for large orders Accuracy: +/- 0.5°C from –30°C to +30°C +/- 1.5°C from –96°C to –30°C
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Non-replaceable battery	Battery shelf life (year)	1 1/2 year
User interface	LCD DISPLAY	Activated battery life	1.3 months
Display medium	LCD Display	Alarm type	Visual

PRICE AND SHIPPING

Price 1	\$98.50	Shipping volume (m3)	0.0045
Units per package	25.00	Year of base price	2023
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
VERIFICATION			
Verification Report Reference	VA15-00564 / VA18-02042		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-089
Description: Electronic Shipping Indicator
Manufactured in: Switzerland
Company: Berlinger & Co. AG

Contact Information

Address: Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland
Switzerland
Telephone: +41 (71) 982 88 11
Email: info@berlinger.com.invalid
Web address: <http://www.berlinger.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-tag CLm doc Ice	Country of Manufacture	Switzerland
-------------------------	-------------------	------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Plastic housing	External dimensions height (mm)	20.00
External dimensions length (mm)	94.00	External dimensions width (mm)	54.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

Comments	Freeze multi-alarm shipping temperature USB logger For shipments between -40°C to +60°C with a large memory capacity of 38,000 measurements and is single use. When connected to a computer, it automatically creates a PDF and ASCII file with all measured temperatures and time data. Accessories: - Data management with Berlinger Smartview - Data verification with Berlinger Verifier Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request Open mSupply compatible (validated) Discounts apply for large orders Accuracy: +/- 0.5°C from -30°C to +40°C
----------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Programmability	Factory Programmed
Battery type	LTC	Battery shelf life (year)	1 1/2 year
User interface	LCD	Activated battery life	1.3 months
Display medium	Liquid Crystal	Alarm type	Visual

PRICE AND SHIPPING

Price 1	\$USD 92.10	Shipping volume (m3)	0.0045
Units per package	25.00	Year of base price	2023
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
VERIFICATION			
Verification Report Reference		VA15-00564	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-090
Description:	Electronic Shipping Indicator
Manufactured in:	Switzerland
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-tag CLm doc Ice R	Country of Manufacture	Switzerland
--------------------------------	---------------------	-------------------------------	-------------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	plastic housing	External dimensions height (mm)	20.00
External dimensions length (mm)	94.00	External dimensions width (mm)	54.00
Minimum working temperature (°C)	-40.00	Maximum working temperature (°C)	60.00

Comments	Reusable freeze multi-alarm shipping temperature USB logger For reoccurring shipments between -40°C to +60°C with a large memory capacity of 38,000 measurements (reusable). When connected to a computer, it automatically creates a PDF and ASCII file with all measured temperatures and time data. Accessories: - Data management with Berlinger Smartview - Data verification with Berlinger Verifier Calibration traceable to ILAC recognised international standard (e.g. SAS, NIST) upon request Open mSupply compatible (validated) Discounts apply for large orders Accuracy: +/- 0.8°C from -40°C to +60°C
-----------------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.80	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery shelf life (year)	1 1/2 year
User interface	LCD DISPLAY	Activated battery life	1.3 months
Display medium	LCD Display	Alarm type	Visual

PRICE AND SHIPPING

Price 1	122.4	Shipping volume (m3)	0.0045
Units per package	25.00	Year of base price	2023
Minimum order	20.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001:2015		
VERIFICATION			
Verification Report Reference		VA15-00564	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-091
Description: Remote Temperature Monitoring System
Manufactured in: India
Company: Nexleaf Analytics

Contact Information

Address: 4858 W Pico Blvd #347 Los Angeles, CA 90019
United States of America
Telephone: +12139156729
Email: info@nexleaf.org
Web address: www.nexleaf.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	CTX	Country of Manufacture	India
--------------------------------	-----	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Polycarbonate	External dimensions height (mm)	25.00
External dimensions length (mm)	155.00	External dimensions width (mm)	120.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	55.00

Comments

ColdTrace X (CTX) is a universal wireless remote temperature monitoring (RTM) solution for end-to-end vaccine cold chain equipment management and visibility. CTX provides electronic real-time temperature monitoring for storagerooms, freezers, walk-in cold rooms, and refrigerators, equipped with:

- Advanced & Customizable Monitoring Capabilities: Each CTX base station can pair with up to 16 wireless temperature sensors and 6 open-door sensors, ensuring comprehensive monitoring for any cold chain equipment configuration.
- Cutting-edge Technology: The base station boasts 2G, NBIoT, and WiFi capabilities along with ambient temperature and humidity sensors, providing seamless connectivity and accurate data readings. Plus, the Bluetooth Low Energy (BLE) 5.0 sensors can be conveniently operated from mobile phones.
- Versatile Deployment: From clinic fridges to national cold rooms, CTX's modular design allows for easy deployment in any storage facility. Its scalability and cost-effectiveness make it an ideal choice for your team's needs.
- Reliability Guaranteed: Backed by Nexleaf's 5-year warranty, CTX offers long-term reliability and peace of mind. You can trust CTX to overcome the toughest RTM challenges with its robust hardware and strong network capabilities for continuous monitoring without data disruptions.
- Empowering Tools: The ColdTrace.org data portal is used to examine temperature plots, create and schedule custom reports, and remotely configure devices, providing actionable insights for both healthcare workers and policymakers. With customizable SMS (text message) alerts and a user-friendly data portal, users can manage valuable vaccine and cold chain equipment resources and access analytics tools for informed decision-making.

Through years of design and iteration, CTX solves the toughest RTM challenges:

- Common hardware means one common training curriculum,
- Wireless sensors prevent broken sensor cables and stay out of the way,
- Installation workflow simplifies adding new devices or equipment to the network,
- Strong batteries, robust power adapters, and caching prevent data outages.

Additional CTX features include:

1. 3-year warranty with purchase of 3-year data package, 5-year warranty with 5-year data package
2. Data subscription: Access to data & analytics via web dashboard & mobile app, including emailed reports.
Data will continue to be accessible after subscription expiration
3. Connectivity subscription: Global SIM card with access to most networks
4. SMS package: SMS alerts for cold chain equipment power and temperature
5. LMIS interoperability: Single sign-on (SSO), WHO PQS E006/DS01.1, and custom integrations

Pricing

1 fridge kit (1 base station, 1 temperature sensor, data subscription) 3-year all-in price

- 1000+ kits: \$460.70

- 50 too 999 kits: \$478.30

- 1 to 49 kits: \$489.00

5-year all-in price includes a 5-year warranty and 10% discount on data package fees.

Contact for 4x fridge kit, WIC kit, 2x WIC kit, 3x WIC kit prici

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Replaceable battery
Programmability	Other	Battery type	Lithium
Programmability (Other)	Remotely programmable	Battery shelf life (year)	2 years
User interface	LCD, buttons, LED, phone app	Activated battery life	60 mths from manufacture date
Display medium	LCD Display	Alarm type	Other

PRICE AND SHIPPING

Price 1	1000+ kits: \$460.70	Price 2	50 too 999 kits: \$478.3
Price 3	1 to 49 kits: \$489.00	Year of base price	2023
Minimum order	1.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
------------------	-------	--------------------------	---------------

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-092
Description: Irreversible Freeze Indicator
Manufactured in: India
Company: G-Tek Corporation Private Limited

Contact Information

Address: 3, JALARAM MANDIR ROAD, MAHAVIR INDUSTRIAL ESTATE, KARELIBAUG, Karelibagh Vadodara - 390018, Gujarat, India
Telephone: +91 98 242 61702
Email: sonam.chauhan@gtek-india.com
Web address: www.gtek-india.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LM Pro IN031	Country of Manufacture	India
-------------------------	--------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	Polycarbonate plastic
External dimensions height (mm)	13.00	External dimensions length (mm)	70.00
External dimensions width (mm)	35.00	Minimum working temperature (°C)	-20.00
Maximum working temperature (°C)	50.00		

Comments	1) Device is delivered in sleep mode. (2) Activate the device by long press of key for 10 seconds. (3) Ensure the display Shows a check mark/tick mark before placing it with vaccine (4) If the device is exposed to temperature of -0.5 °C, ± 0.5 °C for 60 minutes ± 5 minutes (or as specified for the TYPE A/B/C), alarm is activated and display shows "X". This is irreversible. (5) For more details refer to the Quick start guide. Memory size: 38,000 data points
----------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	Lithium Coin Cell Battery	Battery shelf life (year)	3
User interface	LCD	Activated battery life	42 months
Display medium	LCD	Alarm type	NA

PRICE AND SHIPPING

Price 1	\$6 for 100 units	Shipping volume (m3)	0.0072
Year of base price	2023	Minimum order	100.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-093
Description:	30-Day Electronic Temperature logger
Manufactured in:	Malaysia
Company:	Berlinger & Co. AG
Contact Information	
Address:	Mitteldorfstrasse 2, CH-9608 Ganterschwil, Switzerland Switzerland
Telephone:	+41 (71) 982 88 11
Email:	info@berlinger.com.invalid
Web address:	http://www.berlinger.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Fridge-tag 2L	Country of Manufacture	Malaysia
--------------------------------	---------------	-------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	5.00
Material	Plastic housing	External dimensions height (mm)	19.00
External dimensions length (mm)	128.00	External dimensions width (mm)	75.00

Comments	<p>Fridge-tag 2L is the temperature monitor for medical refrigerators or freezers. It measures the ambient temperature every minute and immediately issues an alert when the alarm limit is exceeded.</p> <p>The audio and visual alarm on the display enables immediate decision making. Accurate temperature data from the last 60 days is presented in a PDF, which is automatically generated when the device is connected to a computer, without additional software. The Fridge-tag 2L is also available with a removable external temperature sensor (measures down to -40°C / -40°F). Default configurations are Type 1 and Type 2 (as per TR06.4); other configurations are also possible.</p> <p>The Fridge Tag 2L has been verified to be compatible with:</p> <ul style="list-style-type: none">- Berlinger SmartView software- the free Varo app- the free Pogo LT app- Open mSupply (LMIS solution) <p>Discounts apply for large orders</p>
-----------------	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Battery type	Lithium Button Cell	Battery shelf life (year)	1 year
User interface	LCD display	Activated battery life	24 months
Alarm type	NA		

PRICE AND SHIPPING

Shipping weight per carton(kg)	8	Price 1	\$US 79.90
Shipping volume (m3)	0.017	Units per package	50.00
Year of base price	2023	Minimum order	10.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
VERIFICATION			
Verification Report Reference	VA16-00070		
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-094
Description: Electronic Shipping Indicator
Manufactured in: China
Company: Sichuan Etomatoes Technology Co Ltd

Contact Information

Address: 88 Tianchen Road, High-tech West District, Chengdu, China
China
Telephone: +86 13684059332
Email: cg@etomatoes.com.invalid
Web address: etomatoes.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TempSir-VC	Country of Manufacture	China
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	1.00
Material	Non-corrodible plastics	External dimensions height (mm)	16.00
External dimensions length (mm)	103.00	External dimensions width (mm)	52.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	70.00

Comments	Memory size: 28800 data points
-----------------	--------------------------------

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	3 V Lithium
Battery shelf life (year)	2 years	User interface	LCD display screen, with LEDs
Activated battery life	6 months	Display medium	LCD Display
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	25~100 units: 18.0 USD	Shipping volume (m3)	0.001078
Price 2	101~500 units:17.0 USD	Units per package	15.00
Year of base price	2023	Minimum order	15.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
-------------------------	-------	---------------------------------	---------------

VERIFICATION

Verification Report Reference	WB-22-0018
--------------------------------------	------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code:	E006-099
Description:	30 day temperature logger
Manufactured in:	China
Company:	LogTag Recorders Limited

Contact Information

Address:	PO Box 362-95, Northcote, Auckland, New Zealand New Zealand
Telephone:	+64 9 444 5881
Email:	branda.yu@logtagrecorders.com
Web address:	www.logtagrecorders.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VaxTag +	Country of Manufacture	China
--------------------------------	----------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Material	Polycarbonate
External dimensions height (mm)	11.00	External dimensions length (mm)	9.00
External dimensions width (mm)	55.00	Minimum working temperature (°C)	-30.00
Maximum working temperature (°C)	65.00		

Comments	Minimum logging interval: 30 seconds (fixed at 6 minutes for type 1) LogTag® vaxtag+ is an advanced temperature monitoring device specifically designed for the safe storage of vaccines in healthcare facilities and intermediate storage areas. Fully compliant with World Health Organization (WHO) standards under PQS specification E006/TR06.4, the vaxtag+ monitors storage conditions to safeguard vaccine integrity. The vaxtag+ stores up to 16,129 temperature readings to ensure the continuous monitoring for up to 67 days using the 6 minute logging interval. Default configuration is Type 1 (as per TR06.4); other configurations are also possible. Users can easily inspect violation history directly on the display or view charts and statistics, downloading the on-board PDF via the built-in USB connector. The data is compatible with the free LogTag Analyzer software, which allows users to visualize data in various formats, facilitating effective data management and archiving. The LCD display provides a clear view of current and historical temperature readings, including a 30-day summary of the highest and lowest temperatures. The vaxtag+ is also supported by LogTag Online, LogTag's 21CFRPart11 compliant data management system. Trust the reliability of the LogTag® vaxtag+ to maintain the safety and efficacy of your vaccination programs.
-----------------	---

MECHANICAL AND ELECTRONIC DEVICES ONLY

Accuracy (+/- °C)	0.50	Power source	Non-replaceable battery
Programmability	Factory Programmed	Battery type	Lithium Button Cell
Battery shelf life (year)	2	User interface	Push button operation
Activated battery life	24	Display medium	Built-in LCD
Alarm type	Visual		

PRICE AND SHIPPING

Price 1	20- 99 unit:40.80 USD	Shipping volume (m3)	0.0051
Price 2	> 100 unit:on request to manufacturer	Units per package	50.00
Year of base price	2024	Minimum order	20.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
------------------	-------	--------------------------	---------------

VERIFICATION

Verification Report Reference	A66604, Issue1
-------------------------------	----------------

Current PQS status:	Prequalified	Valid until:	2025-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E006: Temperature monitoring devices



PQS code: E006-100
Description: User-programmable temperature data logger
Manufactured in: India
Company: G-Tek Corporation Private Limited

Contact Information

Address: 3, JALARAM MANDIR ROAD, MAHAVIR INDUSTRIAL ESTATE, KARELIBAUG, Karelibagh Vadodara - 390018, Gujarat, India
Telephone: +91 98 242 61702
Email: sonam.chauhan@gtek-india.com
Web address: www.gtek-india.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	LMPRO T051	Country of Manufacture	India
-------------------------	------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Mode of operation	Electronic	Minimum logging intervals (mins)	0.00
Material	Polycarbonate plastic; non-breakable, non-corrodible	External dimensions height (mm)	96.00
External dimensions length (mm)	14.00	External dimensions width (mm)	45.00
Minimum working temperature (°C)	-30.00	Maximum working temperature (°C)	60.00

Comments	$\pm 0.5^{\circ}\text{C}$ for -20 to $+30^{\circ}\text{C}$ $\pm 0.7^{\circ}\text{C}$ Otherwise LMPRO T051 User Programmable Temperature Data logger is an Internal sensor data logger meeting the requirements of WHO PQS E006/TR05.1. It can store up to 50000 data records. User can fully configure parameters like – Start delay, alarm high/low with corresponding alarm delay, alarm event type- single/cumulative, temperature unit, UTC time zone, store interval, Batch type- Stop on full or memory rollover etc. User can also set the information like, username and job description. It displays OK symbol "Tick" if the temperature has remained within the recommended limits and NOK symbol "Cross" if there are violations for the set alarm limits. User can also download data from multiple data loggers in single file and generate report in pdf format or export data as a csv file.		
----------	--	--	--

MECHANICAL AND ELECTRONIC DEVICES ONLY

Power source	Other	Power Source (Other)	Lithium Coin Cell Battery
Programmability	User Programmed	Battery type	User Replaceable 3.0 V 225 mAH; CR2032 Panasonic
Battery shelf life (year)	1	User interface	Keyboard interface
Activated battery life	12 months	Alarm type	Visual

PRICE AND SHIPPING

Shipping weight per carton(kg)	2.5	Price 1	For 1-10 units US\$49 per unit
Shipping volume (m3)	0.018	Price 2	For 100-250 units US\$34 per unit
Price 3	For more than 250 units :Consult Factory	Units per package	25.00
Year of base price	2024	Minimum order	1.00
Incoterms	EXW		

QUALITY STANDARD

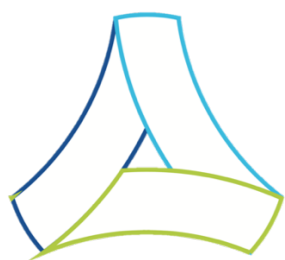
Quality Standard	Other	Quality standard (Other)	ISO 9001:2015
------------------	-------	--------------------------	---------------

VERIFICATION

Verification Report Reference	LLTPL/TL/2024-02/01
-------------------------------	---------------------

Current PQS status:	Prequalified	Valid until:	2025-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E007

Cold Chain Accessories

The products in this category include miscellaneous cold chain accessories. IMD-PQS specifications for single-phase and three-phase voltage stabilizers and energy harvest systems have now been published and manufacturers have been invited to submit products for prequalification.

Details regarding the products included in each sub-category of E007, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E007.1: Voltage stabilizers for refrigerators and freezers

Fluctuations in the voltage and frequency of mains supply power can cause serious damage to refrigerators, freezers and other powered appliances and devices. Frequent episodes of under- and overvoltage can compromise the functioning of critical refrigerator components like the compressor, electronic controls and thermostat.

To protect such appliances from damage, voltage stabilizers are used to reduce and correct fluctuations of input voltage and frequency and to thereby ensure a stable, safe electricity supply for refrigerators and freezers.

WHO requires every mains-powered refrigerator and freezer to be provided with either an integrated or a standalone voltage stabilizer. Single-phase voltage stabilizers must be prequalified to [WHO IMD-PQS specification E007/VS01.6](#) or latest version. Three-phase voltage stabilizers must be prequalified to [WHO IMD-PQS specification E007/VS02.1](#) or latest version.

E007.1.1: Voltage stabilizer types

There are several different types of technology for automatic voltage stabilization, with the most common being electromechanical for small single-phase appliances, and three-phase voltage stabilizers for Walk-in Cold/Freezer Rooms.

Tap-changing voltage stabilizers are commonly used and suitable for refrigeration equipment. Two common types of tap-changing technology are relay-based and servo-based voltage stabilization. Solid state relay-based tap changing technology has no moving parts

and uses switching relays and a transformer to correct input voltage. Servo-based devices use motors to change the taps on the transformer to correct the voltage.

Given relay-based devices have no moving parts, they are less subject to mechanical breakdown and may require less maintenance compared to servo-based devices. However, servo-based devices have benefits over relay-based devices, including higher correction speed, higher precision of output voltage and greater ability to withstand inrush currents.

For single-phase devices, the simplest arrangement is to supply one single-outlet unit with each appliance. NEVER use an adaptor to connect more than one appliance to a regulator's electrical outlet and never use an adaptor to connect more than one regulator to a wall socket. Under IMD-PQS, all models are prequalified for powering both compression and absorption types of equipment.

For three-phase stabilizers, the device may be configured for star or delta connections in various different national grid utility tensions in countries.

Any associated electronic temperature monitoring equipment and computers should, ideally, be connected to a separate voltage-regulated circuit; this type of equipment is particularly sensitive to voltage fluctuations and to lightning-induced power spikes.

E007.2: Solar direct drive surplus energy harvest controls

Energy harvest is a new technology that provides a limited amount of electricity to health facilities where there is unreliable electricity (weak-grid) or no electrical service (off-grid). Weak-grid facilities may use energy harvest as a backup power system for lights, communications and more. Off-grid facilities may use energy harvest as their only sure source of electricity.

During the course of most days, solar direct drive (SDD) vaccine refrigerators and/or water-pack freezers (i.e. appliances) cannot consume all the solar electricity available. That excess solar electricity is wasted unless it can either be captured and used immediately, or stored for later use. Energy harvesting was developed to capture this excess energy. This technology now enables facilities to power fans directly, recharge batteries in cell phones and lights and store power for nights in separate batteries that can be used in many ways, including equipment monitoring systems (EMS) and select medical devices.

Energy harvesting is an option only with some SDD appliances. In order to be granted IMD-PQS prequalified status, an Energy Harvest Control device (EHC) must be coupled to a specific IMD-PQS prequalified SDD, and the combination of EHC-SDD must then also pass laboratory tests and field evaluation. Four general types of EHC systems are currently available: (1) a standalone "kit" including some electrical devices (e.g. a battery, cabling, lights and other electrical consuming load devices); (2) basic "integrated" functionality (i.e. users to provide plug-in devices for USB, 12 Volt or other loads); or (3) "custom" where the surplus electricity can be directed for other uses (e.g. 12-volt battery recharging to power user supplied 5 vdc and 12 vdc loads or an inverter to power limited 120/220 vac user

supplier loads, or (4) "basic USB" which is strictly limited to a 1A 5 vdc (maximum of 5W) USB-A port integrated into the appliance. Energy production from the EHC can be as little as 5 to 60 Wh/day for a "Basic USB" EHC, to over 500 WH/day for a "kit" or "custom" EHC. All types must be tested and prequalified. However, only "kits" will be identified with an IMD-PQS code number. IMD-PQS does not lab-test load devices like lights, fans, other peripheral optional items or customized systems (e.g. inverters, medical equipment).

Additional information is provided in the "Comments" section of the relevant SDD product data sheet(s). Product data sheets can be found in the IMD-PQS Catalogue section E003: Refrigerators and freezers.

Furthermore, it is technically possible to increase the energy harvest (Wh/days) both with more efficient harvest of single compressor appliances, harvest from dual compressor appliances as well as multiple SDD + EHC harvesting in parallel (e.g. to charge a larger battery or run other motors).

E007.3: Refrigerator and freezer spare parts and kits

Refrigerator and freezer spare parts are listed in the IMD-PQS Catalogue on the same page of each relevant prequalified appliance.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E007/EHC01.1: Solar direct drive surplus energy harvest control](#)

[PQS performance specification E007/EHC02.1: Solar Direct Drive Basic Energy Harvest Control devices](#)

[PQS performance specification E007/VS01.6: Single-phase voltage stabilizer for AC-powered refrigerators and freezers](#)

[PQS performance specification E007/VS02.1: Three-phase voltage stabilizer for AC powered Walk-In Cold & Freezer Rooms](#)

Verification protocols

[PQS Self-testing verification protocol E007/VS02-VP.1: Three-Phase Voltage Stabilizers for AC powered Walk-In Cold and Freezer Rooms](#)

[PQS independent type-testing protocol E007/VS01-VP.6: Single-phase voltage stabilizer for AC-powered refrigerators and freezers](#)

[PQS independent type-testing protocol E007/EHC02-VP.2: Solar Direct Drive Basic Energy Harvest Control devices](#)

[PQS independent type-testing protocol E007/EHC01-VP.1: Solar direct drive surplus energy harvest control devices](#)

Guidance for manufacturers or suppliers

[IMD-PQS Guidelines for Prequalification Holders](#)

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

Supporting information for users

[Solarization: Access to modern energy services for health facilities in resource-constrained settings](#)



E008

Single-use Injection Devices

The products listed in this section are auto-disable (AD) syringes used to administer vaccines. WHO strongly recommends the systematic and exclusive use of auto-disable (AD) syringes only (and not disposable and reusable syringes) for either the administration or reconstitution of vaccines.

The correct use of injection devices for immunization is described in the WHO's [Immunization in practice: A practical guide for health staff](#).

Currently, auto-disable syringes are the only equipment that WHO strongly recommends for the administration of injectable vaccines. Performance standards for AD syringes are defined in [ISO 7886-3](#).

Details regarding the products included in each sub-category of E008, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E008.1: Auto-disable syringes

WHO-prequalified syringes must comply with [ISO 7886-3 – Sterile hypodermic syringes for single use – Part 3: Auto-disable syringes for fixed-dose immunization](#).

The auto-disable syringe is the only type of single-use equipment that may be used for the administration of vaccines in all settings; it carries the lowest risk of person-to-person transmission of blood-borne pathogens because it cannot be reused. Refer to the [Safety of injections : WHO-UNICEF-UNFPA joint statement on the use of auto-disable syringes in immunization services, 2nd rev-](#).

Compliance with the IMD-PQS Product Specification and Verification Protocol is required (refer to "Category Documentation" below).

E008.2: Standard disposal syringes

WHO strongly recommends the systematic and exclusive use of auto-disable (AD) syringes only (and not disposable and reusable syringes) for either the administration or reconstitution of vaccines in the context of immunization. Refer to the [Joint Policy](#)

[Statement: Promoting the exclusive use of injection safety devices for all immunization activities.](#)

WARNING: There is clear evidence that the reuse of disposable syringes is widespread globally. WHO warns governments and donor agencies that the reuse of standard disposable syringes and needles places the general public at high risk of disease and death. Refer to the [WHO guideline on the use of safety-engineered syringes for intramuscular, intradermal and subcutaneous injections in health care settings.](#)

E008.3: Needle-free syringe injectors

Needle-free jet injectors deliver a sterile, single dose of liquid medication by pressurizing the dose in a chamber from which it is ejected through a small orifice on an auto-disabling syringe with sufficient force to penetrate human tissues. It is intended for clinical use by medical personnel on humans. It may be used to deliver intra-dermal (ID) and/or subcutaneous (SC) and/or intra-muscular (IM) injections.

Single-use and auto-disabling refer to the needle-free syringe/cartridge, not the injector itself.

Compliance with the IMD-PQS Product Specification [PQS performance specification E008/JI01: Single-use auto-disable needle-free syringe injectors](#) and Verification Protocol [PQS type-examination protocol E008/JI01-VP.1: Single-use auto-disable needle-free syringe injectors](#) is required.

E008.4: Disposal of injection equipment

Additional equipment is necessary to ensure the safety of the contaminated waste stream.

Compliance with the IMD-PQS Product Specification [E010/SB01.1: Safety boxes for the collection of used syringes, needles and sharps](#) and Verification Protocol [PQS independent type-testing protocol E010/SB01-VP.1: Safety box for the disposal of used sharps](#) is required.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E008/JI01: Single-use auto-disable needle-free syringe injectors](#)

[ISO 7886-3 – Sterile hypodermic syringes for single use – Part 3: Auto-disable syringes for fixed-dose immunization.](#)

[E010/SB01.1: Safety boxes for the collection of used syringes, needles and sharps.](#)

Verification protocols

[PQS type-examination protocol E008/JI01-VP.1: Single-use auto-disable needle-free syringe injectors](#)

[PQS independent type-testing protocol E010/SB01-VP.1: Safety box for the disposal of used sharps](#)

Guidance for manufacturers or suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[Guiding principles to ensure injection device security](#)

[Immunization in practice: a practical guide for health staff – 2015 update](#)

[Safety of injections: WHO-UNICEF-UNFPA joint statement on the use of auto-disable syringes in immunization services](#)

[Joint Policy Statement: Promoting the exclusive use of injection safety devices for all immunization activities](#)



E008: Injection devices for immunization



PQS code: E008-004
Description: AD syringe 0.5 ml
Manufactured in: United Arab Emirates
Company: Abu Dhabi Medical Devices Co. L.L.C

Contact Information

Address: P.O.Box 30485, Abu Dhabi United Arab Emirates
United Arab Emirates
Telephone: +971-2-6199100
Email: info@admd.ae
Web address: <http://www.admd.ae>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MEDECO® INJECT AD 0.5 ml	Country of Manufacture	United Arab Emirates
--------------------------------	--------------------------	-------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark 1639
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	valve in the syringe hub
Other needle size options	Yes	Units per package	1300.00
AD Primary packaging	Blister pack		

Comments available in two carton sizes, 1,400pcs and 3,000 pcs
Minimum order (units): 1400 or 3000
Shipping volume (m3): 1,400 pcs 0.055 m3, 3,000 0.112m3
Weight per package (kg): 1,400 pcs 5.7 kg, 3,000 11.1kg
Title: AD syringe 0.5 ml
Product standard: ISO 7886-3

PRICE AND SHIPPING

Price 1	100 000 units and more: 0.054 US\$ per piece	Year of base price	2016
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-007
Description:	AD syringe 0.5ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com.invalid
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Seling 0.5ml	Country of Manufacture	India
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister & ribbon pack		

Comments	Option: Two types of packs with 100 units or 200 units Other needle sizes available on request Title: AD syringe 0.5ml Product standard: ISO 7886-3
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	USD 3.5/100 Pcs
Year of base price	2011	Minimum order (unit)	20000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-019
Description: AD syringe 0.5ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: marketing@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	K1 OneJect AD 0.5ml	Country of Manufacture	Indonesia
--------------------------------	---------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE 0044
Needle Size	24Gx1" (0.55 x 25 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	1600.00
AD Primary packaging	Blister pack		

Comments	Title: AD syringe 0.5ml Product standard: ISO 7886-3
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.06	Price 1	Upon request to manufacturer
Year of base price	2005	Minimum order (unit)	16000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-020
Description: AD syringe 0.5ml
Manufactured in: China
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China
Telephone: +86 (510)3777555
Email: mike@chinasyringe.com.invalid
Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou® AD syringe 0.5ml	Country of Manufacture	China
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Clip locking plunger at start
Other needle size options	Yes	Units per package	200.00
AD Primary packaging	Blister pack		

Comments	Title: AD syringe 0.5ml Product standard: ISO 7886-3
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.088	Price 1	Price available on request
Year of base price	2005	Minimum order (unit)	200000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization

PQS code:	E008-025
Description:	Retractable AD syringe 0.5ml
Manufactured in:	China
Company:	Retractable Technologies, Inc.
Contact Information	
Address:	511 Lobo Lane, Little Elm, TX 75068 United States of America
Telephone:	+1 972 294 1010
Email:	kduesman@retractable.com
Web address:	www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable AD syringe 0.5ml	Country of Manufacture	China
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Retraction of needle into barrel by spring
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a sharp injury Protection (SIP) Title: Retractable AD syringe 0.5ml Product standard: ISO 7886-3
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Year of base price	2005	Minimum order (unit)	800.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-026
Description: AD syringe 0.5ml
Manufactured in: Vietnam
Company: Vietnam Medical Equipment Corporation

Contact Information

Address: Dai Dong - Hoan Son Industrial Zone Hoan Son Commune Tien Du District Bac Ninh Province Vietnam Viet Nam
Telephone: +84 4 5760770
Email: huongltt@vinamed.com.vn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.5ml K1	Country of Manufacture	Vietnam
--------------------------------	---------------------	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	locked/broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.107	Price 1	On request
Year of base price	2016	Minimum order (unit)	2400.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-030
Description: AD syringe 0.05 ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	K1 Oneject 0.05 ml	Country of Manufacture	Indonesia
--------------------------------	--------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE 0044
Needle Size	26Gx3/8" (0.45 x 10 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.06	Price 1	On request
Year of base price	2007	Minimum order (unit)	16000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-032
Description: AD syringe 0.1ml
Manufactured in: China
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China

Telephone: +86 (510)3777555

Email: mike@chinasyringe.com

Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	YUSHOU® AD syringe 0.1ml	Country of Manufacture	China
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	locking clip, locked trapped piston
Other needle size options	Yes	Units per package	200.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.088	Price 1	On request
Year of base price	2008	Minimum order (unit)	200000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-033
Description: AD syringe 0.05ml
Manufactured in: China
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China

Telephone: +86 (510)3777555

Email: mike@chinasyringe.com

Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou® AD syringe 0.05ml	Country of Manufacture	China
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	locking clip, locked trapped piston
Other needle size options	Yes	Units per package	200.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.088	Price 1	On request
Year of base price	2008	Minimum order (unit)	200000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-034
Description: AD syringe 0.5 ml
Manufactured in: Indonesia
Company: Mitra Rajawali Banjaran, PT

Contact Information

Address: JL. Raya Banjaran KM16 Bandung, Jawa Barat Indonesia
Indonesia
Telephone: +62 22 594 0151
Email: nurasfiahqo@gmail.com
Web address: <http://www.mrb.co.id>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.5 ml SKIFA	Country of Manufacture	Indonesia
--------------------------------	-------------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	locked middle injection -broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Plastic ribbon		

PRICE AND SHIPPING

Shipping volume (m3)	0.071	Price 1	On request
Year of base price	2008	Minimum order (unit)	10000.00
Incoterms	FCA		

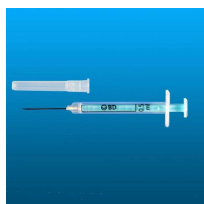
QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-035
Description: AD syringe 0.5ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Auto-disable syringe 0.5ml BD SoloShot™ Mini	Country of Manufacture	Spain
--------------------------------	--	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	locking clip; locked trapped piston
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Product is available in 100 pc, 200 pc and 240 pcs per shelf pack, which results respectively in 3300 pcs and 4320 pcs per carton Minimum order (units): 3300 / 3600 / 4320 Weight per package (kg): 10.45 / 10.20 kg
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	On request
Year of base price	2009	Incoterms	FCA

QUALITY STANDARD

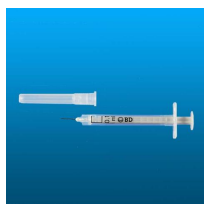
Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001, ISO 7886-3		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-036
Description: AD syringe 0.1ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.1ml BD SoloShot™ Mini	Country of Manufacture	Spain
--------------------------------	---------------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	locking clip; locked trapped piston
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Product is available in 100pc per shelf pack, which results respectively in 3300 pcs per carton. Minimum order (units): 3300 / 3600 Weight per package (kg): 10.45 kg / 10.2 kg
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	On request
Year of base price	2009	Incoterms	FOB

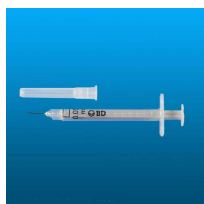
QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001, ISO 7886-3		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-037
Description: AD syringe 0.05ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.05ml BD SoloShot™ Mini	Country of Manufacture	Spain
--------------------------------	-------------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	locking clip; locked trapped piston
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Product is available in 100 pcper shelf pack, which results in 3300 pcs per carton. Weight per package (kg): 10.45 kg / 10.2 kg
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	On request
Year of base price	2009	Minimum order (unit)	3300.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001, ISO 7886-3		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-039
Description:	AD syringe 0.5 ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	KOJAK SELINGE 0.5ml	Country of Manufacture	India
--------------------------------	---------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Needle Size	23Gx1" (0.60 x 25 mm)
RUP mechanism	locked / broken plunger	Other needle size options	Yes
Units per package	100.00	AD Primary packaging	Blister & ribbon pack
Comments	Two types of packs with 100 units or 200 units		

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	USD 3.5/100 Pcs
Year of base price	2024	Minimum order (unit)	20000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-040
Description: AD Syringe 0.5ml
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD Syringe 0.5ml - Revital CADY	Country of Manufacture	Kenya
--------------------------------	---------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE 0123
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Plunger Disable
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments Pieces per carton 4,000/3600
Shipper cartons of 8600 boxes of 100 pieces
Note: this syringe is to be used with caution by health care workers as per instructions of use.
Shipping volume (m3): 0.134/0.112

PRICE AND SHIPPING

Shipping volume (m3)	0.134	Price 1	Per unit: 0.06 €
Year of base price	2008	Minimum order (unit)	860000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-041
Description: AD syringe 0.5ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.5ml	Country of Manufacture	China
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Clip blocking plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Cartons of 7680 boxes of 100 pieces Shipping volume (m3): Container 28 m3
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	28.0	Price 1	Up to 768 000 units: 0.0405 €
Price 2	Up to 1 590 000 units: 0.0378 €	Year of base price	2008
Minimum order (unit)	768000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 7886-3
---------------------------------	------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-043
Description: AD syringe 0.5ml
Manufactured in: China
Company: Jiangxi Sanxin Medtec Co.,Ltd

Contact Information

Address: 999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone: +86 791 85988111
Email: sanxin-med@vip.163.com
Web address: www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.5ml	Country of Manufacture	China
-------------------------	------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Plunger lock
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Title: AD syringe 0.5ml Product standard: ISO 7886-3
----------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.1	Price 1	On request
Year of base price	2009	Minimum order (unit)	2000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
------------------	-----------	-------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-045
Description:	AD syringe 0.1ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak AD syringe 0.1ml	Country of Manufacture	India
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Needle Size	26Gx3/8" (0.45 x 10 mm)
RUP mechanism	Locked / broken plunger	Other needle size options	Yes
Units per package	100.00	AD Primary packaging	Blister pack
Comments	Two types of packs with 100 units or 200 units		

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	USD 4/100 Pcs
Year of base price	2024	Minimum order (unit)	32000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-048
Description: AD syringe 0.5ml
Manufactured in: Pakistan
Company: AMSON VACCINES & PHARMA (PVT) LTD.

Contact Information

Address: 115, Industrial Triangle, Kahuta road, Islamabad Pakistan
Telephone: +92 51 4492022
Email: naveed@amson.org.pk
Web address: www.amson.org.pk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apple K1 AD syringe	Country of Manufacture	Pakistan
-------------------------	---------------------	------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	24Gx1" (0.55 x 25 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	AD Primary packaging	Blister pack
Comments	Title: AD syringe 0.5ml Product standard: ISO 7886-3		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	On request to manufacturer
Year of base price	2012	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-049
Description:	AD syringe 0.1ml
Manufactured in:	China
Company:	Jiangxi Sanxin Medtec Co.,Ltd
Contact Information	
Address:	999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone:	+86 791 85988111
Email:	fgb@sanxin-med.com
Web address:	www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yi Xin 0.1ml	Country of Manufacture	China
--------------------------------	--------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	26Gx3/8" (0.45 x 10 mm)	RUP mechanism	Plunger lock
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.104	Year of base price	2013
Minimum order (unit)	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-050
Description:	single-use auto-disable needle-free jet injector
Manufactured in:	United States of America
Company:	PharmaJet, Inc.
Contact Information	
Address:	400 Corporate Circle, Suite N Golden, Colorado 80401 USA United States of America
Telephone:	+1 303 526-4278
Email:	chris.cappello@pharmajet.com
Web address:	http://www.pharmajet.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Pharmajet Stratis®	Country of Manufacture	United States of America
--------------------------------	--------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	FDA 510(k); CE 556625
RUP mechanism	Plunger break	Other needle size options	No
AD Primary packaging	Blister pack		

Comments	Single-use auto-disable needle-free jet injector Note: Jet Injectors (single-use auto-disable needle-free syringe injectors) as medical devices (Class II) are regulated by National Regulatory Authorities. A Jet injector prequalified by the WHO PQS programme to deliver medications and vaccines is to be used according to label to deliver ONLY those medications and vaccines that have been approved by the relevant Authorities. Minimum order (units): 1 set Units per package: Syringes, 250/box; adaptors, 75/box Title: single-use auto-disable needle-free jet injector Product standard: ISO 7886-3
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.037	Price 1	Upon request to mfr
Year of base price	2012	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: E008/JI01.1 Applicable PQS VP(s): E008/JI01-VP.1
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-051
Description: AD syringe 0.5ml
Manufactured in: Bangladesh
Company: JMI Syringes & Medical Devices Ltd.

Contact Information

Address: Unique Heights 117 Kazi Nazrul Islam Avenue Dhaka-1217
Bangladesh.
Bangladesh

Telephone: +880255138723

Email: hasan.pmd@jmigroup-bd.com

Web address: <http://www.jmisyringe.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	JMI AD syringe 0.5ml	Country of Manufacture	Bangladesh
--------------------------------	----------------------	-------------------------------	------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Plunger lock
Other needle size options	No	Units per package	200.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.133	Price 1	Upon request to manufacturer
Year of base price	2013	Minimum order (unit)	192000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-052
Description: AD syringe 0.05ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	OnejectII 0.05ml AD syringe	Country of Manufacture	Indonesia
--------------------------------	-----------------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.051	Price 1	Upon request to manufacturer
Year of base price	2013	Minimum order (unit)	16000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 7886-3		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-053
Description: AD syringe 0.5ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810,
Indonesia
Indonesia

Telephone: +62 21 879 17 422

Email: niken.permatasari@oneject.co.id

Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	OnejectII 0.5 ml AD syringe	Country of Manufacture	Indonesia
--------------------------------	-----------------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	24Gx1" (0.55 x 25 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.052	Price 1	Upon request to manufacturer
Year of base price	2013	Minimum order (unit)	16000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-056
Description:	Retractable AD syringe 0.5ml
Manufactured in:	China
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou Retractable auto disable syringe 0.5ml	Country of Manufacture	China
--------------------------------	--	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Plunger lock / needle retraction
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Price 1	Upon request to manufacturer
Year of base price	2013	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-057
Description: AD syringe 0.05ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd
Contact Information
Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.05ml	Country of Manufacture	China
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Plunger lock by stainless jaw at start of injection
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.069	Price 1	Upon request
Year of base price	2013	Minimum order (unit)	200000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-058
Description: AD syringe 0.25ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China

Telephone: +86 288 5157 183

Email: marshall988@163.net

Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Auto-disable syringe 0.25ml	Country of Manufacture	China
--------------------------------	-----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.25	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Plunger lock by stainless steel jaw at start of injection
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.069	Price 1	Upon request
Year of base price	2013	Minimum order (unit)	200000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-060
Description: AD syringe 0.5ml
Manufactured in: Pakistan
Company: AMSON VACCINES & PHARMA (PVT) LTD.

Contact Information

Address: 115, Industrial Triangle, Kahuta road, Islamabad Pakistan
Telephone: +92 51 4492022
Email: naveed@amson.org.pk
Web address: www.amson.org.pk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Destroject 0.5ml AD (1000) syringe	Country of Manufacture	Pakistan
--------------------------------	------------------------------------	-------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Plunger lock by cremalliere at start
Other needle size options	Yes	Units per package	2000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.097	Price 1	Upon request
Year of base price	2014	Minimum order (unit)	32000.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-062
Description: AD syringe 0.5mL
Manufactured in: China
Company: Sanavita Pharmaceuticals GMBH

Contact Information

Address: Spaldingstr. 110B D- 20097 Hamburg Germany
Germany
Telephone: +49 40 730 8853-0
Email: guenter.kunde@sanavita.net
Web address: www.sanavita.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.5mL	Country of Manufacture	China
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	metal clip
Other needle size options	Yes	Units per package	3000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Price 1	Upon request to manufacturer
Year of base price	2015	Minimum order (unit)	3000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-063
Description: AD syringe 0.05mL
Manufactured in: China
Company: Sanavita Pharmaceuticals GMBH

Contact Information

Address: Spaldingstr. 110B D- 20097 Hamburg Germany
Germany
Telephone: +49 40 730 8853-0
Email: guenter.kunde@sanavita.net
Web address: www.sanavita.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.05mL	Country of Manufacture	China
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	metal clip
Other needle size options	Yes	Units per package	3000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Price 1	Upon request to manufacturer
Year of base price	2015	Minimum order (unit)	3000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-064
Description: AD syringe 0.1mL
Manufactured in: China
Company: Sanavita Pharmaceuticals GMBH

Contact Information

Address: Spaldingstr. 110B D- 20097 Hamburg Germany
Germany
Telephone: +49 40 730 8853-0
Email: guenter.kunde@sanavita.net
Web address: www.sanavita.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	AD syringe 0.1mL	Country of Manufacture	China
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	metal clip
Other needle size options	Yes	Units per package	3000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Price 1	Upon request to manufacturer
Year of base price	2015	Minimum order (unit)	3000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-065
Description: AD Syringe 0.1 mL
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject II AD Syringe 0.1 mL	Country of Manufacture	Indonesia
--------------------------------	------------------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	Units per package	1600.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	Upon request to manufacturer
Year of base price	2015	Minimum order (unit)	1600.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-068
Description: Retractable 0.05ml Auto Disable Syringe
Manufactured in: China
Company: Guangdong Haiou Medical Apparatus Co., Ltd

Contact Information

Address: Nanyuan Industrial Zone, North Liusha, Puning City,
Guangdong Province, China
China

Telephone: +86-663-2758666

Email: market01@haiou.net.cn

Web address: <http://www.haiou.net.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou Retractable auto disable syringe 0.05ml	Country of Manufacture	China
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	RUP mechanism	Manual retractable
Other needle size options	Yes	AD Primary packaging	Blister pack

PRICE AND SHIPPING

Shipping volume (m3)	0.094	Price 1	On request
Year of base price	2017	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-069
Description:	0.05mlAD BCG syringe
Manufactured in:	United Arab Emirates
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MEDECO INJECT AD 0.05ml BCG	Country of Manufacture	United Arab Emirates
--------------------------------	-----------------------------	-------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	Syringe material(s)	Polypropylene
RUP mechanism	One way valve auto disable mechanism	Other needle size options	Yes
AD Primary packaging	Blister pack		

Comments	Available in 1400 Pcs or 3000 Pcs per carton Minimum order (units): 1400 or 3000 Shipping volume (m3): 0.053 M3 for 1400 Pcs pack. 0.112 M3 for 3000 Pcs Weight per package (kg): 5.46 Kg for 1400 Pcs pack and 11.1 Kg for 3000 Pcs
-----------------	---

PRICE AND SHIPPING

Price 1	0.068 USD	Year of base price	2017
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-070
Description:	0.1ml AD BCG syringe
Manufactured in:	United Arab Emirates
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MEDECO INJECT AD 0.1ml BCG	Country of Manufacture	United Arab Emirates
--------------------------------	----------------------------	-------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	Syringe material(s)	Polypropylene
RUP mechanism	One way valve auto-disable mechanism	Other needle size options	Yes
AD Primary packaging	Blister pack		

Comments	Available in two carton sizes 1400 Pcs or 3000 Pcs Shipping volume (m3): 0.053 M3 for 1400 Pcs pack. 0.112 M3 for 3000 Pcs Units per package: 1400 or 3000 Weight per package (kg): 5.46 Kg for 1400 Pcs pack and 11.1 Kg for 3000 Pcs
-----------------	---

PRICE AND SHIPPING

Price 1	0.068 USD	Year of base price	2017
Minimum order (unit)	1400.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-071
Description:	Single Use auto-disable needle-free jet injector
Manufactured in:	United States of America
Company:	PharmaJet, Inc.
Contact Information	
Address:	400 Corporate Circle, Suite N Golden, Colorado 80401 USA United States of America
Telephone:	+1 303 526-4278
Email:	brent.carpenter@pharmajet.com
Web address:	http://www.pharmajet.com/

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	PharmaJet® Tropis®	Country of Manufacture	United States of America
--------------------------------	--------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

Markings	-----	AD Primary packaging	Blister pack
Comments	Single-use auto-disable needle-free jet injector Note: Jet Injectors (single-use auto-disable needle-free syringe injectors) as medical devices (Class II) are regulated by National Regulatory Authorities. A Jet injector prequalified by the WHO PQS programme to deliver medications and vaccines is to be used according to label to deliver ONLY those medications and vaccines that have been approved by the relevant Authorities.		

PRICE AND SHIPPING

Price 1	Contact manufacturer	Year of base price	2018
----------------	----------------------	---------------------------	------

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: E008/JI01.1 Applicable PQS VP(s): E008/JI01-VP.1
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image
available

PQS code: E008-072
Description: 0.1 ml 27G AD syringe
Manufactured in: India
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Auto Disable Syringe 0.1 ml. 27G - Bawal	Country of Manufacture	India
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	-----
Needle Size	27Gx3/8" (0.40 x 10 mm)	Other needle size options	Yes
Units per package	3300.00	AD Primary packaging	Blister pack

Comments	Title: 0.1 ml 27G AD syringe Product standard: ISO 7886-3
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.103	Price 1	price on request
Year of base price	2019	Minimum order (unit)	66000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-073
Description: BD 0.5 ml AD syringe 23G
Manufactured in: India
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Auto Disable Syringe 0.5 ml. 23G - Bawal	Country of Manufacture	India
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	-----
Other needle size options	Yes	AD Primary packaging	Blister pack

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	price on request
Year of base price	2019	Minimum order (unit)	66000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001, ISO 7886-3
---------------------------------	----------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-074
Description: 0.05ml AD syringe
Manufactured in: China
Company: Jiangxi Hongda Medical Equipment Group Ltd

Contact Information

Address: 39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone: +86 791 85628828
Email: hongda008@jxhd.cn
Web address: <http://www.jxhd.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 0.05ml AD syringe	Country of Manufacture	China
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	Syringe material(s)	Polypropylene
Other needle size options	Yes	AD Primary packaging	Blister pack

Comments	Available in cartons of 1,500 & 2,000 Units per package: 1,500/2,000
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.097954	Price 1	available on request
Year of base price	2019	Minimum order (unit)	1000000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-3 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code: E008-075
Description: 0.5ml Auto Disable syringe
Manufactured in: Pakistan
Company: AMSON VACCINES & PHARMA (PVT) LTD.

Contact Information

Address: 115, Industrial Triangle, Kahuta road, Islamabad Pakistan
Telephone: +92 51 4492022
Email: naveed@amson.org.pk
Web address: www.amson.org.pk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apple K-1 3ring AD syringe	Country of Manufacture	Pakistan
--------------------------------	----------------------------	-------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
RUP mechanism	Locked/broken Plunger	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	Price available on request
Year of base price	2019	Minimum order (unit)	1000000.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: 7883-3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-076
Description: 0.5ml Auto Disable Syringe
Manufactured in: China
Company: Guangdong Haiou Medical Apparatus Co., Ltd

Contact Information

Address: Nanyuan Industrial Zone, North Liusha, Puning City,
Guangdong Province, China
China

Telephone: +86-663-2758666

Email: market01@haiou.net.cn

Web address: <http://www.haiou.net.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou 0.5ml Auto Disable Syringe	Country of Manufacture	China
--------------------------------	----------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
RUP mechanism	Plunger break	Other needle size options	Yes
AD Primary packaging	Blister pack		

Comments	Title: 0.5ml Auto Disbale Syringe Product standard: ISO 7886-3
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.086	Price 1	on request
Price 2	on request	Year of base price	2019
Minimum order (unit)	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-078
Description:	0.05ml AD syringe
Manufactured in:	China
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou 0.05ml Auto Disable Syringe	Country of Manufacture	China
--------------------------------	-----------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	27Gx3/8" (0.40 x 10 mm)	Syringe material(s)	Polypropylene
RUP mechanism	Broken plunger	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.086	Price 1	Price available on request
Year of base price	2020	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image
available

PQS code:	E008-080
Description:	0.3ml AD syringe
Manufactured in:	China
Company:	Wuxi Yushou Medical Appliances Co., Ltd
Contact Information	
Address:	No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China China
Telephone:	+86 (510)3777555
Email:	mike@chinasyringe.com
Web address:	http://www.chinasyringe.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	0.3ml AD syringe	Country of Manufacture	China
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
RUP mechanism	AD	Other needle size options	Yes
Units per package	3000.00	AD Primary packaging	Blister pack
Comments	Average deadspace 0.0056mL		

PRICE AND SHIPPING

Price 1	On request to manufacturer	Year of base price	2020
Minimum order (unit)	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7883-3 Applicable PQS VP(s): 7886-3
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-081
Description: 0.3ml AD syringe
Manufactured in: United Arab Emirates
Company: Abu Dhabi Medical Devices Co. L.L.C

Contact Information

Address: P.O.Box 30485, Abu Dhabi United Arab Emirates
United Arab Emirates
Telephone: +971-2-6199100
Email: info@admd.ae
Web address: <http://www.admd.ae>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	MEDECO INJECT AD 0.3ml	Country of Manufacture	United Arab Emirates
--------------------------------	------------------------	-------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	RUP mechanism	Valve in the syringe hub
Other needle size options	Yes	Units per package	3000.00
AD Primary packaging	Blister pack		

Comments	Graduation 0.3ml. Average deadspace 0.0231mL
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.1	Price 1	0.054 USD
Year of base price	2021	Minimum order (unit)	100000.00
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7883-3 Applicable PQS VP(s): 78863-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-082
Description: 0.3mL AD
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	0.3mL AD Soloshot Mini	Country of Manufacture	Spain
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
RUP mechanism	locking clip; locked trapped piston	Other needle size options	Yes
AD Primary packaging	Blister pack		
Comments	Average deadspace 0.0069mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.1032	Price 1	price on request
Year of base price	2021	Minimum order (unit)	3600.00

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
Quality standard (Other)	ISO 7886-3		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-083
Description:	0.3ml AD syringe
Manufactured in:	China
Company:	Anhui Tiankang Medical Technology Co., Ltd
Contact Information	
Address:	No 51 4th Group Wanjie Village Baodun Town Xinjin District 611438 Chengdu City Sichuan China; People's Republic of China
Telephone:	+86 288 5157 183
Email:	marshall988@163.net
Web address:	http://www.tkmedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TKMD 0.3ml AD syringe with fixed needle	Country of Manufacture	China
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	RUP mechanism	Plunger lock by stainless steel jaw at
Other needle size options	Yes	AD Primary packaging	Blister pack
Comments	Graduation 0.3ml. Average deadspace 0.005mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.068656	Price 1	price on request
Year of base price	2021	Minimum order (unit)	200000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-3 Applicable PQS VP(s):
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-084
Description:	0.3ml AD syringe
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Selinge 0.3ml	Country of Manufacture	India
--------------------------------	---------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Locked/broken plunger
Other needle size options	Yes	AD Primary packaging	Blister & ribbon pack
Comments	Average deadspace 0.025mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	USD 4.50/100 Pcs
Year of base price	2024	Minimum order (unit)	20000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: 7883-3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-085
Description: AD Syringe 0.3ml
Manufactured in: China
Company: Guangdong Haiou Medical Apparatus Co., Ltd

Contact Information

Address: Nanyuan Industrial Zone, North Liusha, Puning City,
Guangdong Province, China
China

Telephone: +86-663-2758666

Email: market01@haiou.net.cn

Web address: <http://www.haiou.net.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou AD Syringe 0.3ml	Country of Manufacture	China
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	RUP mechanism	Broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.086	Price 1	price available on request
Year of base price	2021	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-086
Description: Oneject 0.3ml AD
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Indonesia

Telephone: +62 21 879 17 422

Email: niken.permatasari@oneject.co.id

Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject 0.3ml AD	Country of Manufacture	Indonesia
--------------------------------	------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	24Gx1" (0.55 x 25 mm)
Syringe material(s)	Polypropylene	RUP mechanism	Locked / broken plunger
Other needle size options	Yes	AD Primary packaging	Blister pack
Comments	Graduation 0.3mL. Average deadspace 0.021mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.057	Price 1	Upon request to manufacturer
Year of base price	2021	Minimum order (unit)	16000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886/3 Applicable PQS VP(s):
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-088
Description: Auto-Disable Syringe 0.3ml
Manufactured in: China
Company: Sol-Millennium Medical Inc.

Contact Information

Address: 315 Shawnee North Drive Suite 100 Suwanee GA USA
United States of America
Telephone: +41 76 675 65 86
Email: jwang@sol-m.com
Web address: www.sol-m.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SOL-GUARD Auto-Disable Syringe 0.3ml	Country of Manufacture	China
--------------------------------	--------------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	Device license (Canada)	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	RUP mechanism	AD
Other needle size options	Yes	AD Primary packaging	Blister pack

Comments	Graduation 0.3mL. Average deadspace 0.003mL
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.088	Price 1	price on request
Year of base price	2022	Minimum order (unit)	100800.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-089
Description:	0.5mL Auto Disable syringe
Manufactured in:	India
Company:	SPM Medicare Pvt. Ltd.
Contact Information	
Address:	B-40 Phase-II Noida-201305 U.P India India
Telephone:	+91-120-4270212-21
Email:	sahilkashyap.export@spmmedicare.com.invalid
Web address:	www.spmmedicare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	0.5mL Auto Disable syringe	Country of Manufacture	India
--------------------------------	----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	-----
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
RUP mechanism	Locked / Broken Plunger	Other needle size options	Yes
Units per package	2000.00	AD Primary packaging	Plastic ribbon

PRICE AND SHIPPING

Shipping volume (m3)	0.0969	Price 1	USD 0.0600 per unit (20000pcs to 300,000pcs)
Price 2	USD 0.0500 per unit (300,000pcs to 1 million pcs)	Price 3	USD 0.0450 per unit (1 million pcs and above)
Year of base price	2022	Minimum order (unit)	20000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image
available

PQS code:	E008-090
Description:	0.5mL Auto Disable syringe
Manufactured in:	China
Company:	Sol-Millennium Medical Inc.
Contact Information	
Address:	315 Shawnee North Drive Suite 100 Suwanee GA USA United States of America
Telephone:	+41 76 675 65 86
Email:	jwang@sol-m.com
Web address:	www.sol-m.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sol-Guard 0.5mL Auto Disable syringe	Country of Manufacture	China
--------------------------------	--------------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	Device license (Canada)
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
RUP mechanism	locking clip, locked trapped plunger	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.088	Price 1	price available on request
Year of base price	2022	Minimum order (unit)	100800.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-3 Applicable PQS VP(s):
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-091
Description: 0.1 mL AD syringe
Manufactured in: China
Company: Zhejiang Lingyang Medical Apparatus Co., Ltd

Contact Information

Address: Bai Shuiyang 317031 Linhai Peoples's Republic of China
China
Telephone: +86-13676623978
Email: lingyangmedical@163.com
Web address: www.ly-medical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	0.1 mL AD syringe	Country of Manufacture	China
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	-----
Needle Size	26Gx3/8" (0.45 x 10 mm)	Syringe material(s)	Polypropylene
Other needle size options	Yes	Units per package	4000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.138	Price 1	Price available on request
Year of base price	2022	Minimum order (unit)	4000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-092
Description: AD Syringe 0.2 ml
Manufactured in: India
Company: Hindustan Syringes & Medical Devices Ltd.

Contact Information

Address: 174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone: +91 129-4061151/58
Email: hmduk@hmdhealthcare.com
Web address: www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	KOJAK SELINGE 0.2 ml	Country of Manufacture	India
-------------------------	----------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Locked / Broken Plunger
Other needle size options	Yes	Units per package	2000.00
AD Primary packaging	Blister & ribbon pack		
Comments	Average deadspace 0.021mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	USD 4.70/100 Pcs
Year of base price	2024	Minimum order (unit)	20000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-095
Description:	0.25 ml AD syringe
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	KOJAK SELINGE 0.25 ml	Country of Manufacture	India
--------------------------------	-----------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.25	Needle Size	23Gx1" (0.60 x 25 mm)
RUP mechanism	Locked / Broken Plunger	Other needle size options	Yes
AD Primary packaging	Blister & ribbon pack		
Comments	Average deadspace 0.021mL		

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	USD 4.70/100 Pcs
Year of base price	2024	Minimum order (unit)	20000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code: E008-097
Description: 0.5mL AD syringe
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital Cady 0.5ml 3piece Autodisable Syringe	Country of Manufacture	Kenya
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	AD
Other needle size options	Yes	AD Primary packaging	Blister pack

Comments	Units per package: 4000/3600
-----------------	------------------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.1031	Price 1	POA
Year of base price	2022	Minimum order (unit)	640000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization

PQS code: E008-098
Description: Auto Disable Syringe for fixed-dose immunization
Manufactured in: India
Company: ISCON SURGICALS LTD.

Contact Information

Address: B-70 Marudhar Ind. Area, MIA 2nd Phase, Basni, Jodhpur, Rajasthan 342005, India
Telephone: +91 291 274 0553
Email: nitin@pricon.co.in
Web address: <https://www.isconsurgicals.net/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Iscon 0.5mL AD syringe	Country of Manufacture	India
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
Other needle size options	Yes	Units per package	2000.00
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	upto 100,000 / 4.75\$ per 100
Price 2	upto 500,000 / 4.50\$ per 100	Price 3	above 500,00 / 4.25\$ per 100
Year of base price	2023	Minimum order (unit)	2000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard		ISO 13485	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-099
Description:	0.5mL AD syringe
Manufactured in:	Indonesia
Company:	PT Oneject Indonesia
Contact Information	
Address:	Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810, Indonesia Indonesia
Telephone:	+62 21 879 17 422
Email:	niken.permatasari@oneject.co.id
Web address:	www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject 0.5 AD	Country of Manufacture	Indonesia
--------------------------------	----------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
RUP mechanism	Locked / broken Plunger	Other needle size options	Yes
Units per package	200.00	AD Primary packaging	Blister pack

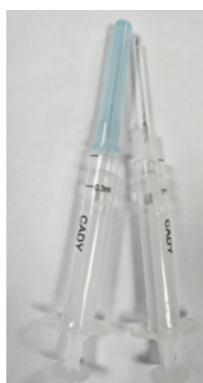
PRICE AND SHIPPING

Shipping volume (m3)	0.007	Price 1	Upon request to manufacturer
Year of base price	2023	Minimum order (unit)	1000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard		ISO 13485	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization

PQS code: E008-100
Description: 0.3mL AD syringe
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	REVITAL CADY 0.3ML 2PC AD SYRINGE	Country of Manufacture	Kenya
--------------------------------	-----------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE mark	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.112	Price 1	on request
Year of base price	2023	Minimum order (unit)	648000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-101
Description: 0.5ml AD Syringe with SIP feature
Manufactured in: India
Company: Hindustan Syringes & Medical Devices Ltd.

Contact Information

Address: 174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone: +91 129-4061151/58
Email: hmduk@hmdhealthcare.com
Web address: www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	KOJAK SELINGE 0.5ml AD Syringe with S.I.P. feature	Country of Manufacture	India
--------------------------------	--	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	AD location	Start of injection
Other needle size options	Yes	AD Primary packaging	Blister pack

PRICE AND SHIPPING

Price 1	Over 1 million - USD 7.50/100 Pcs	Price 2	Over 10 millions - USD 7.00/100 Pcs
Price 3	Over 50 millions - USD 6.50/100 Pcs	Year of base price	2023
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Quality standard (Other)	ISO 7886-3; ISO 23908
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-102
Description: 1ml AD Syringe with SIP feature
Manufactured in: India
Company: Hindustan Syringes & Medical Devices Ltd.

Contact Information

Address: 174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone: +91 129-4061151/58
Email: hmduk@hmdhealthcare.com
Web address: www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	KOJAK SELINGE 1ml AD Syringe with S.I.P. feature	Country of Manufacture	India
--------------------------------	--	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
AD location	Start of injection	Other needle size options	Yes
AD Primary packaging	Blister & ribbon pack		

Comments	Kojak Seling 1ml AD Syringe with S.I.P. feature having dual safety feature. One for the patient safety by preventing the Syringe from re-use with the AD mechanism and second for the healthcare personnel from accidental needle stick injury by using Safety feature (SIP) in needle cover. (Complies with ISO 7886-3 & ISO 23908) Graduations: 1ml
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	Over 50 millions - USD 6.50/100 Pcs
Price 2	Over 10 millions - USD 7.00/100 Pcs	Price 3	Over 1 million - USD 7.50/100 Pcs
Year of base price	2024	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 9001: 2000;ISO 13485
-------------------------	--------------------------

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-103
Description: 0.1ml AD syringe
Manufactured in: India
Company: ISCON SURGICALS LTD.

Contact Information

Address: B-70 Marudhar Ind. Area, MIA 2nd Phase, Basni, Jodhpur,
Rajasthan 342005, India

Telephone: +91 291 274 0553

Email: nitin@pricon.co.in

Web address: <https://www.isconsurgicals.net/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Iscon 0.1ml AD syringe	Country of Manufacture	India
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	26Gx3/8" (0.45 x 10 mm)	Syringe material(s)	Polypropylene
AD location	Middle of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.109	Price 1	3.9\$ upto 32,000pcs
Price 2	3.8\$ 32,000 to 160,000pcs	Price 3	3.7\$ 160,000 and above
Year of base price	2024	Minimum order (unit)	32000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-104
Description: 0.5ml AD syringe
Manufactured in: China
Company: Jiangxi Sanxin Medtec Co.,Ltd

Contact Information

Address: 999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone: +86 791 85988111
Email: fgb@sanxin-med.com
Web address: www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Jiangxi 0.5ml AD syringe	Country of Manufacture	China
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
AD location	Start of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.1	Price 1	0.03-0.04
Year of base price	2024	Minimum order (unit)	870000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-105
Description: TKMD 0.5ml AD syringe
Manufactured in: Rwanda
Company: TKMD RWANDA Ltd.

Contact Information

Telephone: +250798685288
Email: development@tkmedical.com
Web address: <https://www.tkmedical.com/>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	TKMD 0.5ml AD syringe	Country of Manufacture	Rwanda
--------------------------------	-----------------------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
AD location	Start of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.055	Year of base price	2024
Minimum order (unit)	500000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code: E008-106
Description: AD Syringe 0.25ml
Company: Abu Dhabi Medical Devices Co. L.L.C

Contact Information

Address: P.O.Box 30485, Abu Dhabi United Arab Emirates
United Arab Emirates
Telephone: +971-2-6199100
Email: info@admd.ae
Web address: <http://www.admd.ae>

Specifications

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>2025-05</i>
----------------------------	---------------------	---------------------	----------------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-107
Description:	0.3mL AD syringe
Manufactured in:	China
Company:	Shandong Ande Healthcare Apparatus Co., Ltd
Contact Information	
Telephone:	+86-533-3917816
Email:	trade@andemed.com
Web address:	www.andehealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Shandong 0.3mL AD syringe	Country of Manufacture	China
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Markings	CE	Needle Size	23Gx1" (0.60 x 25 mm)
Syringe material(s)	Polypropylene	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Year of base price	2024
Minimum order (unit)	2000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-108
Description:	0.5mL AD syringe
Manufactured in:	China
Company:	Shangdong Ande Healthcare Apparatus Co., Ltd
Contact Information	
Telephone:	+86-533-3917816
Email:	trade@andemed.com
Web address:	www.andehealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Shandong 0.5mL AD syringe	Country of Manufacture	China
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE Mark
Needle Size	21Gx1" (0.80 x 25 mm)	Syringe material(s)	Polypropylene
AD location	Start of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

PRICE AND SHIPPING

Shipping volume (m3)	0.0926	Price 1	On request
Year of base price	2024	Minimum order (unit)	2000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard		ISO 13485	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-109
Manufactured in:	Egypt, Arab Rep.
Company:	International Company for Medical Necessities
Contact Information	
Address:	Industrial Zone Block No. 19&67 Abu Tig Assuit Egypt Egypt
Telephone:	+2 (088) 49 50200 - 202 - 250
Email:	mak@medical-ico.com
Web address:	www.medical-ico.com & aak@medical-ico.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Safety Syringe 0.05 ml Auto Disable	Country of Manufacture	Egypt, Arab Rep.
--------------------------------	-------------------------------------	-------------------------------	------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.05	Markings	CE mark
Needle Size	26Gx3/8" (0.45 x 10 mm)	Syringe material(s)	Polypropylene
AD location	Start of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

Comments	Number of components: 3
-----------------	-------------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	100,000 units .039 \$
Price 2	1,000,000 units 0.038 \$	Price 3	10,000,000 units 0.037 \$
Year of base price	2022	Minimum order (unit)	500000.00

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image
available

PQS code: E008-110
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital Cady 0.5ml 3 piece Autodisable Syringe	Country of Manufacture	Kenya
--------------------------------	--	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	Syringe material(s)	Polypropylene
AD location	Upon completion of injection	Other needle size options	Yes
AD Primary packaging	Blister pack		

Comments	Number of components: 3
-----------------	-------------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.1031	Year of base price	2024
Minimum order (unit)	640000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-122
Description:	0.1ml AD syringe
Manufactured in:	China
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 0.1ml AD syringe	Country of Manufacture	China
--------------------------------	-------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.10	Markings	CE mark
Needle Size	25Gx3/4" (0.50 x 19 mm)	RUP mechanism	AD
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Pieces per carton: other quantities per carton available
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0979	Price 1	price available on request
Year of base price	2017	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 7886-3		
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



PQS code:	E008-123
Description:	0.5ml AD syringe
Manufactured in:	China
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 0.5ml AD syringe	Country of Manufacture	China
--------------------------------	-------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Locked/broken plunger
Other needle size options	Yes	Units per package	100.00
AD Primary packaging	Blister pack		

Comments	Pieces per carton: other quantities per carton available
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0979	Price 1	price available on request
Year of base price	2017	Minimum order (unit)	100000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7889-3 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E008: Injection devices for immunization



No image available

PQS code:	E008-124
Description:	0.5ml Auto Disable syringe
Manufactured in:	Egypt, Arab Rep.
Company:	International Company for Medical Necessities
Contact Information	
Address:	Industrial Zone Block No. 19&67 Abu Tig Assuit Egypt Egypt
Telephone:	+2 (088) 49 50200 - 202 - 250
Email:	mak@medical-ico.com invalid
Web address:	www.medical-ico.com & aak@medical-ico.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	ICO 0.5ml Auto Disable syringe	Country of Manufacture	Egypt, Arab Rep.
--------------------------------	--------------------------------	-------------------------------	------------------

PRODUCT SPECIFICATIONS - MAIN

Graduations (ml)	0.50	Markings	CE mark
Needle Size	23Gx1" (0.60 x 25 mm)	RUP mechanism	Locking plunger
Other needle size options	Yes	Units per package	2000.00
AD Primary packaging	Blister pack		

Comments	Shipping volume (m3): 0.710 x 0.385 x 0.308 Title: 0.5ml Auto Disable syringe Product standard: ISO 7886-3
-----------------	--

PRICE AND SHIPPING

Price 1	100,000 US\$0.039	Price 2	1,000,000 US\$0.038
Price 3	>1,000,000 US\$0.0378	Year of base price	2019
Minimum order (unit)	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010

Waste-management Equipment

This category of products includes safety boxes, needle cutters and disablers and small-scale incinerators or autoclaves. Waste disposal is a key element of any immunization programme. Poorly managed waste from immunization sessions exposes health workers and the community to injury and infection. Guidelines for safe delivery of immunization injections and safe disposal of used syringes and needles can be found in WHO's [Immunization in practice: Module 3: Ensuring safe injections](#).

The cost of waste disposal must be incorporated into the national budget for immunization activities and training curricula should include waste disposal procedures.

Details regarding the products included in each sub-category of E010, as well as guidelines, performance specifications and verification protocols for this category, can be accessed through the drop-down sections below.

E010.1: Safety boxes

Puncture-resistant containers for the collection and disposal of auto-disable syringes, needles and other injection materials must be provided and used for all immunization activities. These containers reduce the risk posed by contaminated needles and syringes both to health staff and the community. Containers are available in a range of sizes.

Guidelines for the procurement, capacity needs and use of safety boxes can be found in the WHO [Guidelines for estimating costs of introducing new vaccines into the national immunization system](#).

Training for health workers on the management of sharps waste can be found available in the [Training Health Workers in the Management of Sharps Waste: Guide for Training Injection Providers](#) from PATH and the WHO's [Training for mid-level managers \(MLM\): 3. Immunization safety](#).

A guidance document on [Designing safe syringe disposal systems for immunization services](#) is also available from PATH.

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

[PQS performance specification E010/NC01.1: Needle cutter for health waste management](#)

[PQS performance specification E010/SB01.1: Safety box for the disposal of used sharps](#)

Verification protocols

[PQS independent type-testing protocol E010/NC.1-VP.1: Needle cutter for health waste management](#)

[PQS independent type-testing protocol E010/SB01-VP.1: Safety box for the disposal of used sharps](#)

Guidance for manufacturers/suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

[Designing safe syringe disposal systems for immunization services](#)

Supporting information for users

[Guidelines for estimating costs of introducing new vaccines into the national immunization system](#)

[Training Health Workers in the Management of Sharps Waste: Guide for Training Injection Providers](#)

[Training for mid-level managers \(MLM\): 3. Immunization safety](#)



E010: Waste management equipment



PQS code:	E010-001
Description:	Safety box 5L
Manufactured in:	Norway
Company:	POLYNOR AS
Contact Information	
Address:	Oslo Science Park Gaustadalléen 21 N- 0349 Oslo Norway Norway
Telephone:	+47 932 59 486
Email:	maria@polynor.no
Web address:	http://www.polynor.no

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	POLYSAFE® 5L	Country of Manufacture	Norway
--------------------------------	--------------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	130.00
Ext.Dimension After Assembly Length(mm)	342.00	Ext.Dimension After Assembly Width(mm)	159.00
Capacity (# units)	155.00	Ext.Dimension Before Assembly Height(mm)	5.00
Ext.Dimension Before Assembly Length(mm)	590.00	Material	recycled carton board
Ext.Dimension Before Assembly Width(mm)	280.00	Colour	White
Weight fully assembled (grams)	300.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	On request
Minimum order	25.00	Year of base price	2008
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/SB01.1 Applicable PQS VP(s): E010/SB0-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		115-26166.e rev.1	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code:	E010-003
Description:	Safety box 15L
Manufactured in:	Norway
Company:	POLYNOR AS
Contact Information	
Address:	Oslo Science Park Gaustadalléen 21 N- 0349 Oslo Norway Norway
Telephone:	+47 932 59 486
Email:	maria@polynor.no
Web address:	http://www.polynor.no

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	POLYSAFE® 15L	Country of Manufacture	Norway
--------------------------------	---------------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	15.00	Ext.Dimension After Assembly Height(mm)	210.00
Ext.Dimension After Assembly Length(mm)	310.00	Ext.Dimension After Assembly Width(mm)	240.00
Capacity (# units)	450.00	Ext.Dimension Before Assembly Height(mm)	6.00
Ext.Dimension Before Assembly Length(mm)	775.00	Material	Recycled carton board, water resistant
Ext.Dimension Before Assembly Width(mm)	445.00	Colour	White
Weight fully assembled (grams)	680.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	On request
Minimum order	10.00	Year of base price	2008
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/CB01.1 Applicable PQS VP(s): E010/CB-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		108-21912-3	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-006
Description: Safety box 5L
Manufactured in: India
Company: Hindustan Syringes & Medical Devices Ltd.

Contact Information

Address: 174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone: +91 129-4061151/58
Email: hmduk@hmdhealthcare.com
Web address: www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak safety box 5L	Country of Manufacture	India
-------------------------	---------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	125.00
Ext.Dimension After Assembly Length(mm)	285.00	Ext.Dimension After Assembly Width(mm)	160.00
Capacity (# units)	100.00	Ext.Dimension Before Assembly Height(mm)	4.00
Ext.Dimension Before Assembly Length(mm)	585.00	Material	Yellow duplex kraft board
Ext.Dimension Before Assembly Width(mm)	285.00	Colour	Yellow
Weight fully assembled (grams)	275.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.016	Price 1	0.55 USD/pc
Minimum order	25.00	Year of base price	2020
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/CB01.1 Applicable PQS VP(s): E010/CB-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		108-32733-(20 April 2009)	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-008
Description: Safety box 2.5L
Manufactured in: Indonesia
Company: PT.Medibest Indonesia

Contact Information

Address: Plaza Bona Indah, Office #A2-C4 Jalan Karang Tengah Raya
Lebak Bulus – Cilandak Jakarta Selatan 12440, Indonesia
Indonesia
Telephone: +62 21 765 3248
Email: info@medibestgroup.com
Web address: <http://www.medibestgroup.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medibest Disposafe 2.5L	Country of Manufacture	Indonesia
--------------------------------	-------------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	2.50	Ext.Dimension After Assembly Height(mm)	116.00
Ext.Dimension After Assembly Length(mm)	238.00	Ext.Dimension After Assembly Width(mm)	127.00
Capacity (# units)	81.00	Ext.Dimension Before Assembly Height(mm)	2.00
Ext.Dimension Before Assembly Length(mm)	551.00	Material	recycled board and virgin fiber
Ext.Dimension Before Assembly Width(mm)	238.00	Colour	Yellow
Weight fully assembled (grams)	290.00		

Comments	Carton of 25 units; custom made printing on demand
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.024	Price 1	On request
Minimum order	25.00	Year of base price	2009
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/CB01.1 Applicable PQS VP(s): E010/CB-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference	109-24758-1 (May 2009)
--------------------------------------	------------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-009
Description: Safety box 5L
Manufactured in: Indonesia
Company: PT.Medibest Indonesia

Contact Information

Address: Plaza Bona Indah, Office #A2-C4 Jalan Karang Tengah Raya
Lebak Bulus – Cilandak Jakarta Selatan 12440, Indonesia
Indonesia
Telephone: +62 21 765 3248
Email: info@medibestgroup.com
Web address: <http://www.medibestgroup.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medibest Disposafe 5L	Country of Manufacture	Indonesia
--------------------------------	-----------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	130.00
Ext.Dimension After Assembly Length(mm)	290.00	Ext.Dimension After Assembly Width(mm)	158.00
Capacity (# units)	142.00	Ext.Dimension Before Assembly Height(mm)	2.00
Ext.Dimension Before Assembly Length(mm)	660.00	Material	recycled carton board and virgin fiber
Ext.Dimension Before Assembly Width(mm)	238.00	Colour	Yellow
Weight fully assembled (grams)	376.00		

Comments	Carton of 25 units; custom printing on demand
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.029	Price 1	On request
Minimum order	25.00	Year of base price	2009
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/CB01.1 Applicable PQS VP(s): E010/CB-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		109-24758.b (June 2009)	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-010
Description: Safety box 5L
Manufactured in: China
Company: Shanghai Sol-Millennium Medical Products Co. Ltd.

Contact Information

Address: Sol-Millennium Medical Products Co., Ltd. Unit 1801-1803, No. 2 Grand Gateway No. 3 Hongqiao Road Xuhui District Shanghai 200030 China
Telephone: +86-21-68622586-17
Email: ichen@solm.com
Web address: www.sol-m.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sol-Millennium Safety Box 5L	Country of Manufacture	China
-------------------------	------------------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	130.00
Ext.Dimension After Assembly Length(mm)	288.00	Ext.Dimension After Assembly Width(mm)	165.00
Capacity (# units)	150.00	Ext.Dimension Before Assembly Height(mm)	5.00
Ext.Dimension Before Assembly Length(mm)	600.00	Material	cardboard
Ext.Dimension Before Assembly Width(mm)	280.00	Colour	Brown
Weight fully assembled (grams)	270.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.018	Price 1	On request
Minimum order	5000.00	Year of base price	2010
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/SB01.1 Applicable PQS VP(s): E010/SB01-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		110-29507 (August 2010)	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code:	E010-011
Description:	Safety box 5L
Manufactured in:	Sweden
Company:	Smurfit Kappa Sverige AB
Contact Information	
Address:	Box 43, SE-285 21 Markaryd, Sweden Sweden
Telephone:	+46 72 18 18 862
Email:	lina.harrysson@smurfitkappa.se
Web address:	http://www.timboard.se

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SB TimSafe 5L NE	Country of Manufacture	Sweden
--------------------------------	------------------	-------------------------------	--------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	315.00
Ext.Dimension After Assembly Length(mm)	154.00	Ext.Dimension After Assembly Width(mm)	113.00
Capacity (# units)	150.00	Ext.Dimension Before Assembly Height(mm)	4.00
Ext.Dimension Before Assembly Length(mm)	468.00	Material	Recycled board and virgin fiber
Ext.Dimension Before Assembly Width(mm)	260.00	Colour	White
Weight fully assembled (grams)	250.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.013	Price 1	0.89 €
Price 2	22.25 € per 25 pack	Minimum order	100.00
Year of base price	2018	Incoterms	EXW

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E010/SB01.1 Applicable PQS VP(s): E010/SB01-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		113-28810	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-013
Description: 2.5L Safety Box
Manufactured in: Indonesia
Company: PT. Tonnindo Eramulya

Contact Information

Address: Jl.Pembangunan III # 14E. Jakarta 10130 Indonesia
Indonesia
Telephone: +62 216321717
Email: tonnindo@cbn.net.id
Web address: <http://tonnindo.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	2.5L Safety Box	Country of Manufacture	Indonesia
-------------------------	-----------------	------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	2.50	Ext.Dimension After Assembly Height(mm)	235.00
Ext.Dimension After Assembly Length(mm)	120.00	Ext.Dimension After Assembly Width(mm)	110.00
Capacity (# units)	80.00	Ext.Dimension Before Assembly Height(mm)	530.00
Ext.Dimension Before Assembly Length(mm)	230.00	Material	recycled board and virgin fibre, water resistant
Ext.Dimension Before Assembly Width(mm)	28.00	Colour	yellow
Weight empty (g)	227.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.001	Price 1	> 10,000 USD 2.46
Price 2	>1,000 USD 2.93	Price 3	1,000 USD 2.98
Minimum order	100.00	Year of base price	2017
Incoterms	DDP		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-015
Description: Safety box 5L
Manufactured in: Indonesia
Company: PT. Tonnindo Eramulya

Contact Information

Address: Jl.Pembangunan III # 14E. Jakarta 10130 Indonesia
Indonesia
Telephone: +62 216321717
Email: tonnindo@cbn.net.id
Web address: <http://tonnindo.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	5L Safety Box	Country of Manufacture	Indonesia
-------------------------	---------------	------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	290.00
Ext.Dimension After Assembly Length(mm)	150.00	Ext.Dimension After Assembly Width(mm)	120.00
Capacity (# units)	171.00	Ext.Dimension Before Assembly Height(mm)	584.00
Ext.Dimension Before Assembly Length(mm)	270.00	Material	recycled board and virgin fibre, water resistant
Ext.Dimension Before Assembly Width(mm)	28.00	Colour	yellow
Weight empty (g)	357.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.00163	Price 1	>10,000 USD 3.46
Price 2	>1,000 USD 3.92	Price 3	>100 USD 3.98
Minimum order	100.00	Year of base price	2017
Incoterms	DDP		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001
------------------	-------	--------------------------	----------

VERIFICATION

Verification Report Reference	117-24734.b rev.1
-------------------------------	-------------------

Current PQS status:	Prequalified	Valid until:	2025-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code:	E010-016
Description:	5L Safety box
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medeco Safety Box 5L
--------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	310.00
Ext.Dimension After Assembly Length(mm)	150.00	Ext.Dimension After Assembly Width(mm)	10.00
Capacity (# units)	377.00	Ext.Dimension Before Assembly Height(mm)	465.00
Ext.Dimension Before Assembly Length(mm)	255.00	Material	recyclable cardboard
Ext.Dimension Before Assembly Width(mm)	5.00	Colour	yellow
Weight empty (g)	215.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	1USD
Minimum order	25.00	Year of base price	2019
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Quality standard (Other)	ISO 9001
-------------------------	-------	---------------------------------	----------

VERIFICATION

Verification Report Reference	7191172189-EEC17-WBH
--------------------------------------	----------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-017
Description: 5L Safety box
Manufactured in: Finland
Company: Pa-Hu Oy

Contact Information

Address: Teollisuustie 2, FIN-02880 Veikkola, Finland
Finland
Telephone: +358-20 789 1000
Email: ilkka.raikamo@pa-hu.fi
Web address: <http://www.pa-hu.fi>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SAFE5L4K	Country of Manufacture	Finland
-------------------------	----------	------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	153.00
Ext.Dimension After Assembly Length(mm)	305.00	Ext.Dimension After Assembly Width(mm)	113.00
Capacity (# units)	150.00	Ext.Dimension Before Assembly Height(mm)	4.00
Ext.Dimension Before Assembly Length(mm)	460.00	Material	carton
Ext.Dimension Before Assembly Width(mm)	260.00	Colour	brown
Weight fully assembled (grams)	210.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.014	Price 1	2000 pieces 0.86€/pc
Price 2	> 46,000 pc 0.82€/pc	Price 3	>96,000 0.77€/pc
Minimum order	2000.00	Year of base price	2019
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E10/SB01-VP.1 Applicable PQS VP(s): E10/SB01.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		119-22766.b 21.06.2019	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-018
Description: Safety Box 5L
Manufactured in: China
Company: Qingdao Leff International Trading Co Ltd

Contact Information

Address: 10, Yan er'dao Road Qingdao 266000 P.R.China
China
Telephone: + 86 532 88961819
Email: david@lefftrade.org
Web address: www.lefftrade.org

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	5 litre Safety box "LeSafe"	Country of Manufacture	China
-------------------------	-----------------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	112.00
Ext.Dimension After Assembly Length(mm)	310.00	Ext.Dimension After Assembly Width(mm)	150.00
Capacity (# units)	171.00	Ext.Dimension Before Assembly Height(mm)	4.00
Ext.Dimension Before Assembly Length(mm)	595.00	Material	cardboard
Ext.Dimension Before Assembly Width(mm)	255.00	Colour	brown
Weight fully assembled (grams)	254.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.016	Price 1	100 units: USD 0.98
Price 2	1000 units: USD 0.97	Price 3	10000 units: USD 0.89
Minimum order	100.00	Year of base price	2022
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: E10/SB01.1 Applicable PQS VP(s): E10/SB01-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference	122-21633 rev.2, dated on Apr. 8th, 2022		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code: E010-019
Description: 5L Safety box
Manufactured in: China
Company: Qingdao Hengfengda EPT INC.

Contact Information

Address: No. 20 Building Yantaiqian Community Yinzhu Street Office
Huangdao District Qingdao City Shandong Province China
China
Telephone: 86-532-86613167
Email: alex@qdhfdept.com.invalid

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	HFD-5L	Country of Manufacture	China
-------------------------	--------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	125.00
Ext.Dimension After Assembly Length(mm)	325.00	Ext.Dimension After Assembly Width(mm)	162.00
Capacity (# units)	150.00	Ext.Dimension Before Assembly Height(mm)	4.00
Ext.Dimension Before Assembly Length(mm)	568.00	Material	cardboard
Ext.Dimension Before Assembly Width(mm)	281.00	Colour	brown
Weight fully assembled (grams)	332.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.016	Price 1	1,000 units USD 0.93
Price 2	10,000 units: USD 0.86	Price 3	1,000,000 units: USD 0.72
Minimum order	100.00	Year of base price	2023

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: WHO/PQS/E10/SB0 Applicable PQS VP(s): WHO/PQS/E10/SB0
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference		122-30007	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E010: Waste management equipment



PQS code:	E10-016
Description:	5L Safety box
Manufactured in:	United Arab Emirates
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medeco Safety Box 5L	Country of Manufacture	United Arab Emirates
--------------------------------	----------------------	-------------------------------	----------------------

PRODUCT SPECIFICATIONS - MAIN

Volume (Litre)	5.00	Ext.Dimension After Assembly Height(mm)	110.00
Ext.Dimension After Assembly Length(mm)	310.00	Ext.Dimension After Assembly Width(mm)	150.00
Capacity (# units)	377.00	Ext.Dimension Before Assembly Height(mm)	5.00
Ext.Dimension Before Assembly Length(mm)	465.00	Material	recyclable cardboard
Ext.Dimension Before Assembly Width(mm)	255.00	Colour	Yellow
Weight fully assembled (grams)	215.00		

Comments	Title: 5L Safety box
-----------------	----------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.02	Price 1	1USD
Minimum order	25.00	Year of base price	2019
Incoterms	EXW		

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: WHO/PQS/E10/SB1 Applicable PQS VP(s): E10/SB01-VP.1
Quality standard (Other)	ISO 9001		

VERIFICATION

Verification Report Reference	7191172189-EEC17-WBH
--------------------------------------	----------------------

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013

Injection Devices for Therapeutic Uses

The products listed in this new section include single-use Re-use prevention (RUP) syringes for therapeutic use. All prequalified syringes in this category comply with [ISO 7886-4 – Sterile hypodermic syringes for single use – Part 4: Syringes with re-use prevention feature](#).

Guidelines for safe delivery of immunization injection and safe disposal of used syringes and needles can be found in WHO's [Immunization in practice: Module 4: Ensuring safe injections](#).

The performance specification and or verification protocol for this category are currently under development by WHO IMD-PQS for this category. For guidance at the current time, manufacturers and suppliers may refer to to [ISO 7886-4 – Sterile hypodermic syringes for single use – Part 4: Syringes with re-use prevention feature](#).

CATEGORY DOCUMENTATION, GUIDANCE FOR MANUFACTURERS/SUPPLIERS & SUPPORTING INFORMATION FOR USERS

Performance specifications

No WHO IMD-PQS specifications currently available.

[ISO 7886-4 – Sterile hypodermic syringes for single use – Part 4: Syringes with re-use prevention feature](#).

Verification protocols

No WHO IMD-PQS verification protocols currently available.

Guidance for manufacturers/suppliers

[Generic guide for the field evaluation of new technologies for WHO PQS prequalification
GENERIC/GUIDE 1.1](#)

[IMD-PQS Guidelines for Prequalification Holders](#)

Supporting information for users

[Guiding principles to ensure injection device security](#)

[Immunization in practice: a practical guide for health staff – 2015 update](#)

[Safety of injections: WHO-UNICEF-UNFPA joint statement on the use of auto-disable syringes in immunization services](#)



E013: Injection devices for therapeutic purposes



PQS code:	E013-001
Description:	RUP syringe 2ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com.invalid
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Selinge 2ml	Country of Manufacture	India
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1" (0.60 x 25.4 mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister or ribbon pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Packs of 100 units Other needle sizes with detachable option available upon request Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF 2 ml Primary packaging: Paper or Ribbon pack RUP restrictive use: None Needle size: 23G x 1" (0.60 x 25.4 mm)
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	USD 3.25/100 Pcs
Shipping weight (kg)	14.50	Year of base price	2016
Minimum order	18000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-002
Description:	RUP Retractable 3 ml
Manufactured in:	United States of America
Company:	Retractable Technologies, Inc.
Contact Information	
Address:	511 Lobo Lane, Little Elm, TX 75068 United States of America
Telephone:	+1 972 294 1010
Email:	kduesman@retractable.com
Web address:	www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable syringe 3 ml	Country of Manufacture	United States of America
--------------------------------	---------------------------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1" (25mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP) Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF Retractable 3 ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1" (25mm)
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Shipping weight (kg)	5.90	Year of base price	2005
Minimum order	600.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-005
Description:	RUP Retractable 1ml
Manufactured in:	United States of America
Company:	Retractable Technologies, Inc.
Contact Information	
Address:	511 Lobo Lane, Little Elm, TX 75068 United States of America
Telephone:	+1 972 294 1010
Email:	kduesman@retractable.com
Web address:	www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable 1 ml Tuberculin	Country of Manufacture	United States of America
--------------------------------	--	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.01
RUP Needle Fixation	Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27 g x 12.7 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP) Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF Retractable 1 ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 27 g x 12.7 mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	on request
Shipping weight (kg)	4.59	Year of base price	2005
Minimum order	800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-006
Description: RUP retractable 1ml
Manufactured in: China
Company: Retractable Technologies, Inc.

Contact Information

Address: 511 Lobo Lane, Little Elm, TX 75068
United States of America
Telephone: +1 972 294 1010
Email: kduesman@retractable.com
Web address: www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable 1 ml	Country of Manufacture	China
--------------------------------	-------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.01
RUP Needle Fixation	Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27G x 12.7 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a sharp injury Protection (SIP) Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF 1ml retractable Primary packaging: Paper blister pack Needle size: 27G x 12.7 mm
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Shipping weight (kg)	4.50	Year of base price	2005
Minimum order	800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code: E013-007
Description: RUP Retractable 10ml
Manufactured in: China
Company: Retractable Technologies, Inc.

Contact Information

Address: 511 Lobo Lane, Little Elm, TX 75068
United States of America
Telephone: +1 972 294 1010
Email: kduesman@retractable.com
Web address: www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable 10ml	Country of Manufacture	China
--------------------------------	-------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21Gx1.5" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.068	Price 1	On request
Shipping weight (kg)	9.70	Year of base price	2005
Minimum order	600.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code: E013-008
Description: RUP Retractable 5ml
Manufactured in: China
Company: Retractable Technologies, Inc.

Contact Information

Address: 511 Lobo Lane, Little Elm, TX 75068
United States of America
Telephone: +1 972 294 1010
Email: kduesman@retractable.com
Web address: www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VanishPoint II® Retractable 5ml	Country of Manufacture	China
--------------------------------	---------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21Gx1.5" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP)
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.045	Price 1	On request
Shipping weight (kg)	8.20	Year of base price	2005
Minimum order	600.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-009
Description: RUP retractable 3ml
Manufactured in: China
Company: Retractable Technologies, Inc.

Contact Information

Address: 511 Lobo Lane, Little Elm, TX 75068
United States of America
Telephone: +1 972 294 1010
Email: kduesman@retractable.com
Web address: www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable 3ml	Country of Manufacture	China
--------------------------------	------------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23Gx1" (25mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP)
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Shipping weight (kg)	5.90	Year of base price	2005
Minimum order	600.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-014
Description:	RUP retractable 1ml Insulin
Manufactured in:	United States of America
Company:	Retractable Technologies, Inc.
Contact Information	
Address:	511 Lobo Lane, Little Elm, TX 75068 United States of America
Telephone:	+1 972 294 1010
Email:	kduesman@retractable.com
Web address:	www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Vanishpoint® Retractable 1 ml Insulin	Country of Manufacture	United States of America
--------------------------------	---------------------------------------	-------------------------------	--------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
RUP Needle Fixation	Fixed	RUP Needle Sizes	29G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	29G x 12.7 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP) Needle fixation: Fixed Graduations: unit dose Plunger aspiration: Multiple Title: RPF retractable 1 ml Insulin Primary packaging: Paper blister pack RUP restrictive use: Insulin Needle size: 29G x 12.7 mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Shipping weight (kg)	4.50	Year of base price	2005
Minimum order	800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-015
Description: RUP retractable 1ml Insulin
Manufactured in: China
Company: Retractable Technologies, Inc.

Contact Information

Address: 511 Lobo Lane, Little Elm, TX 75068
United States of America
Telephone: +1 972 294 1010
Email: kduesman@retractable.com
Web address: www.retractable.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	VanishPoint II® Retractable 1ml insulin	Country of Manufacture	China
--------------------------------	---	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle into barrel by spring	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	29G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	29G x 12.7 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP)
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0432	Price 1	On request
Shipping weight (kg)	4.50	Year of base price	2005
Minimum order	800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-018
Description:	RUP syringe 5ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com.invalid
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Seling 5ml	Country of Manufacture	India
--------------------------------	------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2" (0.80 x 38 mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister or ribbon pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Packs of 100 units Other needle sizes with detachable option available upon request Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF syringe 5ml Primary packaging: Paper or Ribbon pack RUP restrictive use: None Needle size: 21G x 1 1/2" (0.80 x 38 mm)
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	USD 3.75/100 Pcs
Shipping weight (kg)	12.60	Year of base price	2020
Minimum order	16800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-019
Description: RUP syringe 3ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: marketing@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject K1 3ml	Country of Manufacture	Indonesia
--------------------------------	----------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked & broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF 3ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1 1/4"
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	On request to manufacturer
Shipping weight (kg)	13.60	Year of base price	2010
Minimum order	18000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-020
Description:	RUP syringe 10ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com.invalid
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Selinge 10 ml	Country of Manufacture	India
--------------------------------	---------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1 1/2" (0.80 x 38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister or ribbon pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Packs of 50 units or 100 units Other needle sizes available upon request Needle fixation: Detachable Plunger aspiration: Multiple Title: RPF 10 ml Primary packaging: Paper or Ribbon pack RUP restrictive use: None Needle size: 21G x 1 1/2" (0.80 x 38mm)
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	USD 4.75/100 Pcs
Shipping weight (kg)	13.40	Year of base price	2011
Minimum order	9000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-023
Description: RUP syringe 1ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: marketing@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject K1 1ml	Country of Manufacture	Indonesia
--------------------------------	----------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked & broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF 1ml Primary packaging: Paper blister pack RUP restrictive use: Fixed dose 1ml Needle size: 23G x 1"
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	On request to manufacturer
Shipping weight (kg)	13.60	Year of base price	2010
Minimum order	18000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-024
Description: RUP syringe 5ml
Manufactured in: Indonesia
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl.Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: marketing@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Oneject K1 5ml	Country of Manufacture	Indonesia
--------------------------------	----------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locked and broken	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RPF 5ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 21G x 1 1/2"
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	On request to manufacturer
Shipping weight (kg)	11.10	Year of base price	2008
Minimum order	12000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-027
Description: RUP syringe 1ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SoloShotTM IX 1ml syringe	Country of Manufacture	Spain
--------------------------------	---------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locking clip	RUP Type	Plunger lock
Location RUP activation	Start of injection	Graduations (ml)	1.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	22G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	22G x 25mm	RUP plunger Aspiration	Single
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	2.00		

Comments	Needle fixation: Fixed Plunger aspiration: Single Title: RPF 1 ml Primary packaging: Paper blister pack RUP restrictive use: Fixed dose 1ml Needle size: 22G x 25mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	On request to manufacturer
Shipping weight (kg)	11.49	Year of base price	2010
Minimum order	2400.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-029
Description: RUP syringe 3ml
Manufactured in: China
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China
Telephone: +86 (510)3777555
Email: mike@chinasyringe.com.invalid
Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou 3ml	Country of Manufacture	China
-------------------------	------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock with clip	RUP Type	Plunger lock
Location RUP activation	Start of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1 1/4"	RUP plunger Aspiration	Single
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Single Title: RPF 3ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1 1/4"
----------	--

PRICE AND SHIPPING

Price 1	On request to manufacturer	Shipping weight (kg)	13.00
Year of base price	2021	Minimum order	200000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
------------------	-----------	-------------------------	---

Current PQS status:	Prequalified	Valid until:	2024-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-034
Description:	RUP syringe 2ml
Manufactured in:	China
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou syringe 2ml	Country of Manufacture	China
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 25mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RPF 2ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 25mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.118	Price 1	On request
Shipping weight (kg)	15.50	Year of base price	2008
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-035
Description: RUP syringe 5ml
Manufactured in: China
Company: Guangdong Haiou Medical Apparatus Co., Ltd

Contact Information

Address: Nanyuan Industrial Zone, North Liusha, Puning City,
Guangdong Province, China
China
Telephone: +86-663-2758666
Email: market01@haiou.net.cn
Web address: <http://www.haiou.net.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou syringe 5ml	Country of Manufacture	China
-------------------------	-------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 40mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RPF 5ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 21G x 40mm
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.116	Price 1	On request
Shipping weight (kg)	16.00	Year of base price	2008
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
------------------	-----------	-------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
---------------------	--------------	--------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-036
Description: RUP syringe 10ml
Manufactured in: China
Company: Guangdong Haiou Medical Apparatus Co., Ltd

Contact Information

Address: Nanyuan Industrial Zone, North Liusha, Puning City,
Guangdong Province, China
China

Telephone: +86-663-2758666

Email: market01@haiou.net.cn

Web address: <http://www.haiou.net.cn>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou syringe 10ml	Country of Manufacture	China
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 40mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	On request
Shipping weight (kg)	15.50	Year of base price	2008
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-037
Description:	RUP syringe 3ml
Manufactured in:	China
Company:	Royal Group
Contact Information	
Address:	ONB-E/2, Mehar Sons Estate, Talpur Road, Karachi-74000, Pakistan Pakistan
Telephone:	+92-21-32400270 Ext. 232
Email:	royalgroup pak@gmail.com
Web address:	http://www.royalgroupweb.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RG-Non reusable syringe 3ml	Country of Manufacture	China
--------------------------------	-----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Sole distributor of RG brand Non Reusable Syringe for Changzhou Tongda Medical Appliance Co.,Ltd. Sanhekou Street, Zhenglu Town, Tianning District, Changzhou, Jiangsu, China.
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.123	Price 1	On request
Shipping weight (kg)	17.00	Year of base price	2009
Minimum order	100000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-038

Description: RUP syringe 5ml

Manufactured in: China

Company: Royal Group

Contact Information

Address: ONB-E/2, Mehar Sons Estate, Talpur Road, Karachi-74000, Pakistan
Pakistan

Telephone: +92-21-32400270 Ext. 232

Email: royalgroup pak@gmail.com

Web address: <http://www.royalgroupweb.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RG-Non reusable syringe 5ml	Country of Manufacture	China
--------------------------------	-----------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger block and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Sole distributor of RG brand Non Reusable Syringe for Changzhou Tongda Medical Appliance Co.,Ltd. Sanhekou Street, Zhenglu Town, Tianning District, Changzhou, Jiangsu, China.
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0135	Price 1	On request
Shipping weight (kg)	22.00	Year of base price	2009
Minimum order	100000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-039
Description:	RUP syringe 20ml
Manufactured in:	India
Company:	Hindustan Syringes & Medical Devices Ltd.
Contact Information	
Address:	174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone:	+91 129-4061151/58
Email:	hmduk@hmdhealthcare.com
Web address:	www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Seling 20ml	Country of Manufacture	India
--------------------------------	-------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	20.00
Needle Size (Other)	21G x 1 1/2" (0.80 x 38 mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Paper or Ribbon pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	Packs of 25 units		

PRICE AND SHIPPING

Shipping volume (m3)	0.103	Price 1	USD 9.80/100 Pcs
Shipping weight (kg)	13.00	Year of base price	2024
Minimum order	4000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-040
Description: RUP syringe 5ml
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital 5ml (3 piece)	Country of Manufacture	Kenya
-------------------------	-----------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger (gasket) lock	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21Gx1 1/2" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	Plunger gasket can be provided in black or whit		

PRICE AND SHIPPING

Shipping volume (m3)	0.141	Price 1	0.05 US\$
Shipping weight (kg)	21.50	Year of base price	2008
Minimum order	500000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-041
Description:	RUP syringe 1ml
Manufactured in:	China
Company:	Wuxi Yushou Medical Appliances Co., Ltd
Contact Information	
Address:	No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China China
Telephone:	+86 (510)3777555
Email:	mike@chinasyringe.com
Web address:	http://www.chinasyringe.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou Syringe 1ml	Country of Manufacture	China
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock with metallic clip	RUP Type	Plunger lock
Location RUP activation	Start of injection	Graduations (ml)	0.05
RUP Needle Fixation	Fixed	RUP Needle Sizes	25G x 3/4" (20 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	25G x 20mm	RUP plunger Aspiration	Single
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	Plunger aspiration: Single		

PRICE AND SHIPPING

Shipping volume (m3)	0.094	Price 1	On request
Shipping weight (kg)	11.00	Year of base price	2008
Minimum order	200000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-042
Description: 2ml 3 piece RUP syringe
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital 2ml (3 piece)	Country of Manufacture	Kenya
--------------------------------	-----------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger block and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	Per unit: 0.027 US\$
Shipping weight (kg)	19.50	Year of base price	2008
Minimum order	700000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-043
Description: RUP syringe 5ml
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital 5ml (2 piece)	Country of Manufacture	Kenya
--------------------------------	------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21Gx1 1/2" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	2.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.128	Price 1	Per unit: 0.0295 US\$
Shipping weight (kg)	17.60	Year of base price	2008
Minimum order	500000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-044
Description: RUP retractable 1ml Tuberculin
Manufactured in: Hungary
Company: Safegard Medical (Hungary) Kft

Contact Information

Address: Safegard Medical (Hungary) Kft Farkaslyuk Joszerencset terv
15 3608 Hungary
Hungary
Telephone: +36 48 470758
Email: zoltan.farkas@safegardmedical.hu
Web address: www.safegardmedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Safegard Retractable safety syringe 1ml Tuberculin	Country of Manufacture	Hungary
--------------------------------	--	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.01
RUP Needle Fixation	Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27G x 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP)
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.056	Price 1	0.08 US\$/pc
Shipping weight (kg)	5.40	Year of base price	2016
Minimum order	1000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-045
Description: RUP retractable 3ml
Manufactured in: Hungary
Company: Safegard Medical (Hungary) Kft

Contact Information

Address: Safegard Medical (Hungary) Kft Farkaslyuk Joszerencset terv
15 3608 Hungary
Hungary
Telephone: +36 48 470758
Email: filippif@safegardmedical.hu.invalid
Web address: www.safegardmedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Safegard Retractable Safety syringe 3ml	Country of Manufacture	Hungary
--------------------------------	---	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP) Needle fixation: Fixed Plunger aspiration: Multiple Title: RUP retractable 3ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1/2"
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	0.085 US\$/pc
Shipping weight (kg)	7.30	Year of base price	2016
Minimum order	1000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-046
Description: RUP retractable 5ml
Manufactured in: Hungary
Company: Safegard Medical (Hungary) Kft

Contact Information

Address: Safegard Medical (Hungary) Kft Farkaslyuk Joszerencset terv
15 3608 Hungary
Hungary
Telephone: +36 48 470758
Email: filippif@safegardmedical.hu.invalid
Web address: www.safegardmedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Safegard Retractable Safety Syringe 5ml	Country of Manufacture	Hungary
--------------------------------	---	-------------------------------	---------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction into barrel	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	The retraction of the needle is considered as a reuse prevention feature (RUP) and a Sharp Injury Protection (SIP) Needle fixation: Fixed Plunger aspiration: Multiple Title: RUP retractable 5ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 21G x 1 1/4"
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	0.09 US\$/pc
Shipping weight (kg)	9.68	Year of base price	2016
Minimum order	1000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-051
Description: RUP syringe 2ml
Manufactured in: Kenya
Company: Revital Health Care (EPZ) Limited

Contact Information

Address: LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone: +254 72241 2900
Email: qa@rhcare-epz.com
Web address: www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital 2ml (2 piece)	Country of Manufacture	Kenya
--------------------------------	-----------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Paper blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	2.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.13	Price 1	Up to 5 millions: 0.028 US\$
Shipping weight (kg)	17.50	Price 2	Up to 10 millions: 0.0275 US\$
Year of base price	2008	Minimum order	700000.00
Incoterms	FCA		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-053
Description:	RUP syringe 2ml
Manufactured in:	China
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda syringe 2ml	Country of Manufacture	China
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	gasket lock/ plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	21G x 38mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	Option 2000 or 2400 per cartons Needle at side available Fixed needle option available		

PRICE AND SHIPPING

Shipping volume (m3)	0.106	Price 1	On request
Shipping weight (kg)	17.00	Year of base price	2016
Minimum order	525000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-054
Description:	RUP syringe 5ml
Manufactured in:	China
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda syringe 5ml	Country of Manufacture	China
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	gasket lock/ plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 38mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Option of 2000 pieces per carton Fixed needles are also an option Needle at side available Pieces per carton:2000 or 1800
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.124	Price 1	On request
Shipping weight (kg)	19.00	Year of base price	2009
Minimum order	525000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-055
Description: RUP syringe 5ml
Manufactured in: China
Company: Chengdu Xinjin Shifeng Medical Apparatus Co, Ltd

Contact Information

Address: Chengdu Xinjin Shifeng Medical Apparatus & Instruments Co, Ltd C-6, B Glorai Regent Garden #44 4th section South Renmin road Chengdu Sichuan China; People's Republic of China
Telephone: +86 2885170675
Email: xjshifeng2011@163.com
Web address: www.xjshifeng.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Shifeng RUP syringe 5ml	Country of Manufacture	China
-------------------------	-------------------------	------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RPF 5ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1"
----------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.122	Price 1	0.055 USD
Shipping weight (kg)	17.00	Year of base price	2009
Minimum order	1600.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-056
Description: RUP 1ml fixed dose
Manufactured in: India
Company: Hindustan Syringes & Medical Devices Ltd.

Contact Information

Address: 174, Sector - 25, Ballabgarh - 121 004 (Haryana) India
Telephone: +91 129-4061151/58
Email: hmduk@hmdhealthcare.com
Web address: www.hmdhealthcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Kojak Selinge 1 ml	Country of Manufacture	India
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	24G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	24G x 25mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Paper or Ribbon pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	Packs of 100 units		

PRICE AND SHIPPING

Shipping volume (m3)	0.1	Price 1	USD 3.75/100 Pcs
Shipping weight (kg)	14.50	Year of base price	2020
Minimum order	20000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-057
Description:	RUP 1ml Sanxin
Manufactured in:	China
Company:	Jiangxi Sanxin Medtec Co.,Ltd
Contact Information	
Address:	999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone:	+86 791 85988111
Email:	sanxin-med@vip.163.com.invalid
Web address:	www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	YIXIN 1 ml	Country of Manufacture	China
--------------------------------	------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locked	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	1.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	25G x 2/3" (17 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	25G x 19 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Fixed Plunger aspiration: Multiple Title: RPF 1 ml Sanxin Primary packaging: Paper blister pack RUP restrictive use: Fixed dose 1ml Needle size: 25G x 19 mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	0.0395 USD
Shipping weight (kg)	15.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-058
Description:	RUP syringe 5ml
Company:	Wuxi Yushou Medical Appliances Co., Ltd
Contact Information	
Address:	No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China China
Telephone:	+86 (510)3777555
Email:	mike@chinasyringe.com
Web address:	http://www.chinasyringe.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou® RUP 5ml
--------------------------------	-----------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked / broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2'	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.103	Price 1	Upon request to manufacturer
Shipping weight (kg)	13.00	Year of base price	2021
Minimum order	200000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-062
Description:	RUP 10ml (2 piece)
Company:	Revital Health Care (EPZ) Limited
Contact Information	
Address:	LR No. 5025/1239, Takaungu 80100 Mombasa Kenya
Telephone:	+254 72241 2900
Email:	qa@rhcare-epz.com
Web address:	www.revitalhcare.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Revital® RUP 10ml 2 piece syringe
--------------------------------	-----------------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked, broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1.5"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Plastic ribbon
Syringe material(s)	Other	RUP Sub-category	Simple RUP
Syringe Material(s) (Other)	PPE, Polyethylene	Other needle size options	Yes
Number of pieces	2.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.1874	Price 1	Over 1 million: 6.80 USD per pack
Shipping weight (kg)	19.80	Price 2	Over 5 millions: 6.60 USD per pack
Price 3	Over 10 millions: 6.50 USD per pack	Year of base price	2011
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-063
Description: RUP syringe 5ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	5ml BD EmeraldTM PRO RUP	Country of Manufacture	Spain
--------------------------------	--------------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locking gasket upon completion	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 40 mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.103	Price 1	upon request to manufacturer
Shipping weight (kg)	13.40	Year of base price	2011
Minimum order	2000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-3 Applicable PQS VP(s): ISO 7886-3
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-064
Description: RUP syringe 1ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China

Telephone: +86 288 5157 183

Email: marshall988@163.net

Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sanzhong® 1ml	Country of Manufacture	China
--------------------------------	---------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locked at end of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.05
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27G x 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.072	Price 1	Over 200 000 units: 0.0407 USD per unit
Shipping weight (kg)	10.00	Price 2	Over 1 000 000 units: 0.0399 USD per unit
Price 3	Over 5 000 000 units: 0.0387 USD per unit	Year of base price	2011
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-065
Description: RUP syringe 2ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China

Telephone: +86 288 5157 183

Email: marshall988@163.net

Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sanzhong® 2ml	Country of Manufacture	China
--------------------------------	---------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked plunger at the end of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.0927	Price 1	Over 200000 units: 0.0407 USD per unit
Shipping weight (kg)	11.00	Price 2	Over 1000000 units: 0.0399 USD per unit
Price 3	Over 5000000 units: 0.0387 USD per unit	Year of base price	2011
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-066
Description: RUP syringe 5ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sanzhong® 5ml	Country of Manufacture	China
--------------------------------	---------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked plunger at end of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	22G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	22G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.075	Price 1	Over 200000 units: 0.0421 USD per unit
Shipping weight (kg)	11.00	Price 2	Over 1000000 units: 0.0412 USD per unit
Price 3	Over 5000000 units: 0.0400 USD per unit	Year of base price	2011
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-067
Description: RUP syringe 10ml
Manufactured in: China
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Sanzhong® 10ml	Country of Manufacture	China
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked plunger at the end of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.075	Price 1	Over 200,000 units: 0.0556 USD per unit
Shipping weight (kg)	14.00	Price 2	Over 1,000,000 units: 0.0545 USD per unit
Price 3	Over 5,000,000 units: 0.0529 USD per unit	Year of base price	2011
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-068
Description: RUP syringe 2ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Emerald TM PRO 2ml	Country of Manufacture	Spain
--------------------------------	--------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked gasket upon completion of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		
Comments	1 carton = 30 packs = 3000 units		

PRICE AND SHIPPING

Shipping volume (m3)	0.103	Price 1	upon request to manufacturer
Shipping weight (kg)	13.39	Year of base price	2010
Minimum order	3000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-069
Description: RUP syringe 3ml
Manufactured in: Indonesia
Company: Mitra Rajawali Banjaran, PT

Contact Information

Address: JL. Raya Banjaran KM16 Bandung, Jawa Barat Indonesia
Indonesia
Telephone: +62 22 594 0151
Email: nurasfiyahqo@gmail.com
Web address: <http://www.mrb.co.id>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SKIFA RUP syringe 3ml	Country of Manufacture	Indonesia
--------------------------------	-----------------------	-------------------------------	-----------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locked at end of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 32mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.17	Price 1	upon request to manufacturer
Shipping weight (kg)	15.00	Year of base price	2011
Minimum order	20000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-070
Description: RUP syringe 10ml
Manufactured in: Spain
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	10ml BD EmeraldTM PRO	Country of Manufacture	Spain
--------------------------------	-----------------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger blocked at bottom of barrel	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 40mm	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	100 units per secondary packaging
-----------------	-----------------------------------

PRICE AND SHIPPING

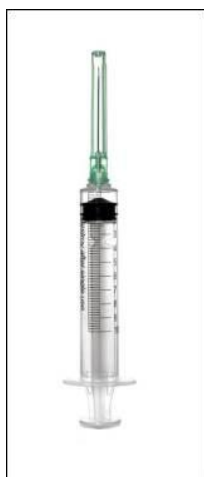
Shipping volume (m3)	0.1032	Price 1	Upon request to mfr
Shipping weight (kg)	12.05	Year of base price	2011
Minimum order	1200.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-073
Description:	RUP syringe 10ml
Company:	Wuxi Yushou Medical Appliances Co., Ltd
Contact Information	
Address:	No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China China
Telephone:	+86 (510)3777555
Email:	mike@chinasyringe.com
Web address:	http://www.chinasyringe.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RUP 10ml
--------------------------------	----------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	Upon request to manufacturer
Shipping weight (kg)	13.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-074
Description: RUP retractable syringe 1ml
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RUP retractable syringe 1ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger hooked to inner hub, retraction hub and needle, plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.05
RUP Needle Fixation	Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27G x 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.072	Price 1	Upon request to manufacturer
Shipping weight (kg)	10.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-075
Description: RUP retractable syringe 2ml
Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of China
Telephone: +86 288 5157 183
Email: marshall988@163.net
Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RUP retractable syringe 2ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger hooked to inner syringe hub, retraction inner hub and needle, plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.0927	Price 1	Upon request to manufacturer
Shipping weight (kg)	11.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-076
Description:	RUP retractable syringe 5ml
Company:	Anhui Tiankang Medical Technology Co., Ltd
Contact Information	
Address:	No 51 4th Group Wanjie Village Baodun Town Xinjin District 611438 Chengdu City Sichuan China; People's Republic of China
Telephone:	+86 288 5157 183
Email:	marshall988@163.net
Web address:	http://www.tkmedical.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	RUP retractable syringe 5ml
--------------------------------	-----------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger hooked in inner hub, hub and needle retraction, plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	22G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	22G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.075	Price 1	Upon request to manufacturer
Shipping weight (kg)	11.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-077

Description: RUP retractable syringe 10ml

Company: Anhui Tiankang Medical Technology Co., Ltd

Contact Information

Address: No 51 4th Group Wanjie Village Baodun Town Xinjin District
611438 Chengdu City Sichuan China; People's Republic of
China

Telephone: +86 288 5157 183

Email: marshall988@163.net

Web address: <http://www.tkmedical.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RUP retractable syringe 10ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger hooked to inner hub, hub and needle retraction, plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.075	Price 1	Upon request to manufacturer
Shipping weight (kg)	14.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-083
Description: RUP syringe 3ml
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China
Telephone: +86 (510)3777555
Email: mike@chinasyringe.com.invalid
Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Yeso-med 3ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments Needle fixation: Fixed
Plunger aspiration: Multiple
Title: RUP 3ml
Primary packaging: Paper blister pack
Needle size: 23G x 1"

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	Upon request to manufacturer
Shipping weight (kg)	12.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status: *Prequalified* **Valid until:** 2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-084
Description:	RUP syringe 2ml
Company:	AMSON VACCINES & PHARMA (PVT) LTD.
Contact Information	
Address:	115, Industrial Triangle, Kahuta road, Islamabad Pakistan Pakistan
Telephone:	+92 51 4492022
Email:	naveed@amson.org.pk
Web address:	www.amson.org.pk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Apple K1 RUP 2ml
--------------------------------	------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock & break at completion of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RUP 2ml Primary packaging: Paper blister pack RUP restrictive use: None Needle size: 23G x 1"
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.07	Price 1	On request to manufacturer
Shipping weight (kg)	8.62	Year of base price	2012
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-085
Description: RUP syringe 5ml
Company: AMSON VACCINES & PHARMA (PVT) LTD.

Contact Information

Address: 115, Industrial Triangle, Kahuta road, Islamabad Pakistan
Telephone: +92 51 4492022
Email: naveed@amson.org.pk
Web address: www.amson.org.pk

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Apple K1 RUP 5ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock at completion of injection	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments Needle fixation: Detachable
Plunger aspiration: Multiple
Title: RUP 5ml
Primary packaging: Paper blister pack
RUP restrictive use: None
Needle size: 23G x 1"

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	On request to manufacturer
Shipping weight (kg)	10.47	Year of base price	2012
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		

Current PQS status: *Prequalified* **Valid until:** 2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-086
Description:	RUP syringe 2ml
Company:	Wuxi Yushou Medical Appliances Co., Ltd
Contact Information	
Address:	No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China China
Telephone:	+86 (510)3777555
Email:	mike@chinasyringe.com.invalid
Web address:	http://www.chinasyringe.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yeso-med 2ml
--------------------------------	--------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Piston lock upon completion	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G X 25mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Fixed Plunger aspiration: Multiple Title: RUP 2ml Primary packaging: Paper blister pack Needle size: 23G X 25mm
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	upon request to manufacturer
Shipping weight (kg)	12.00	Year of base price	2012
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-087
Description:	RUP syringe 3ml
Company:	Qatari German Company for Medical Devices
Contact Information	
Address:	P.O.Box 22556 ABU HAMOUR DOHA, STATE OF QATAR Qatar
Telephone:	+974 44581201
Email:	marc.andal@ggmd.com
Web address:	www.ggmd.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Q-Safe® 2-3ml
--------------------------------	---------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Retraction of needle and plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	This a 3ml device with a unique 2ml graduation 100 units per pack
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	0.067USD
Shipping weight (kg)	4.20	Year of base price	2013
Minimum order	100000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code: E013-088
Description: RUP syringe 6ml
Company: Qatari German Company for Medical Devices

Contact Information

Address: P.O.Box 22556 ABU HAMOUR DOHA, STATE OF QATAR
Qatar
Telephone: +974 44581201
Email: marc.andal@ggmd.com
Web address: www.ggmd.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Q-Safe® 5-6ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction and plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Fixed	RUP Needle Sizes	22G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments This a 6ml device with a unique 5ml graduation

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	0.080USD
Shipping weight (kg)	6.50	Year of base price	2013
Minimum order	100000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886 Applicable PQS VP(s): ISO 7886
Quality standard (Other)	ISO 9001		

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-089
Description:	RUP retractable syringe 3ml
Company:	Guangdong Haiyou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China
Telephone:	+86-663-2758666
Email:	market01@haiyou.net.cn
Web address:	http://www.haiyou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiyou RUP retractable safety syringe 3ml
--------------------------------	---

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and needle retraction	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 25mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.118	Price 1	Upon request to manufacturer
Shipping weight (kg)	17.00	Year of base price	2013
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-090
Description:	RUP retractable 5ml
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou RUP retractable safety syringe 5ml
--------------------------------	--

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	plunger lock and needle retraction	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 38mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.122	Price 1	Upon request to manufacturer
Shipping weight (kg)	18.00	Year of base price	2013
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-091
Description:	RUP retractable 10ml
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou RUP retractable syringe 10ml
--------------------------------	------------------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and needle retraction	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 38mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	Upon request to manufacturer
Shipping weight (kg)	17.00	Year of base price	2013
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-092
Description: RUP Insulin 1ml
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference OnejectII RUP insulin 1ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked / broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.02
RUP Needle Fixation	Fixed	RUP Needle Sizes	27G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	27G x 3/8"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.051	Price 1	Upon request to manufacturer
Shipping weight (kg)	8.23	Year of base price	2013
Minimum order	16000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-093
Description: RUP syringe 3ml
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference OnejectII RUP 3ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked / broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.087	Price 1	Upon request to manufacturer
Shipping weight (kg)	12.20	Year of base price	2013
Minimum order	18000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-096
Description:	RUP retractable syringe 1ml
Company:	Guangdong Haiou Medical Apparatus Co., Ltd
Contact Information	
Address:	Nanyuan Industrial Zone, North Liusha, Puning City, Guangdong Province, China
Telephone:	+86-663-2758666
Email:	market01@haiou.net.cn
Web address:	http://www.haiou.net.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Haiou RUP retractable safety syringe 1ml
--------------------------------	--

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger locked to needle hub upon completion of injection and needle retraction into barrel	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.01
RUP Needle Fixation	Fixed	RUP Needle Sizes	29G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	29G x 12mm	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.101	Price 1	Upon request
Shipping weight (kg)	16.00	Year of base price	2013
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-097
Description:	RUP syringe 2ml
Company:	Jiangxi Sanxin Medtec Co.,Ltd
Contact Information	
Address:	999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone:	+86 791 85988111
Email:	fgb@sanxin-med.com
Web address:	www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	YI XIN RUP 2ml
--------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	25G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	25G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Secondary package can also contain 2400 syringes Shipping volume (m3): 0.10-0.13
-----------------	---

PRICE AND SHIPPING

Price 1	Upon request of manufacturer	Year of base price	2013
Minimum order	200000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-098
Description: RUP syringe 5ml
Manufactured in: China
Company: Jiangxi Sanxin Medtec Co.,Ltd

Contact Information

Address: 999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone: +86 791 85988111
Email: fgb@sanxin-med.com
Web address: www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	YI XIN RUP 5ml	Country of Manufacture	China
--------------------------------	----------------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	25G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	25G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.1	Price 1	Upon request to manufacturer
Shipping weight (kg)	7.00	Year of base price	2013
Minimum order	200000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-099
Description:	RUP syringe 3ml
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medeco® Inject RUP 3ml
--------------------------------	------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Valve in needle hub	RUP Type	Other
Location RUP activation	Start of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Nominal capacity 2ml, graduations to 3ml Available in two carton sizes 900pcs and 1,600pcs Shipping volume (m3): 900pcs 0.074m3, 1,600pcs 0.1m3 Shipping weight (kg): 900 pcs 4.2kg, 1,600pcs 11.6kg
-----------------	---

PRICE AND SHIPPING

Price 1	Upon request to manufacturer	Year of base price	2013
Minimum order	1000000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-100
Description:	RUP syringe 5ml
Company:	Abu Dhabi Medical Devices Co. L.L.C
Contact Information	
Address:	P.O.Box 30485, Abu Dhabi United Arab Emirates United Arab Emirates
Telephone:	+971-2-6199100
Email:	info@admd.ae
Web address:	http://www.admd.ae

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Medeco® Inject RUP 5ml
--------------------------------	------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Valve in needle hub	RUP Type	Other
Location RUP activation	Start of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Available in two carton sizes 800pcs and 1800 pcs Shipping volume (m3): 800 pcs 0.073m3, 1,800 0.1m3 Shipping weight (kg): 800 pcs 4.9kg, 1,800 pcs 16.5kg
-----------------	--

PRICE AND SHIPPING

Price 1	Upon request to manufacturer	Year of base price	2013
Minimum order	1000000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-101
Description: RUP retractable 1ml
Company: Jiangxi Sanxin Medtec Co.,Ltd

Contact Information

Address: 999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone: +86 791 85988111
Email: fgb@sanxin-med.com
Web address: www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Yixin retractable 1ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction into barrel	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.02
RUP Needle Fixation	Fixed	RUP Needle Sizes	29G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	29G x 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.11	Price 1	Upon request to manufacturer
Shipping weight (kg)	15.50	Year of base price	2013
Minimum order	100000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-102
Description:	RUP retractable 3ml
Company:	Jiangxi Sanxin Medtec Co.,Ltd
Contact Information	
Address:	999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone:	+86 791 85988111
Email:	fgb@sanxin-med.com
Web address:	www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yixin retractable 3ml
--------------------------------	-----------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction into barrel	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	25G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	25G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.15	Price 1	Upon request to manufacturer
Shipping weight (kg)	17.00	Year of base price	2013
Minimum order	100000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-103
Description:	RUP retractable 5ml
Company:	Jiangxi Sanxin Medtec Co.,Ltd
Contact Information	
Address:	999 Fushan Road, Xiaolan Economic Development Zone, Nanchang, Jiangxi, P.C. 330200 China; People's Republic of China
Telephone:	+86 791 85988111
Email:	fgb@sanxin-med.com
Web address:	www.sanxin-med.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	YIXIN® retractable 5ml
--------------------------------	------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Needle retraction into barrel	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Retractable RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Primary packaging: Paper blister pack
-----------------	---------------------------------------

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	Upon request to manufacturer
Shipping weight (kg)	14.00	Year of base price	23013
Minimum order	100000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-105
Description: RUP 2mL
Company: Sanavita Pharmaceuticals GMBH

Contact Information

Address: Spaldingstr. 110B D- 20097 Hamburg Germany
Germany
Telephone: +49 40 730 8853-0
Email: guenter.kunde@sanavita.net
Web address: www.sanavita.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RUP syringe 2mL

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	21Gx1 1/2" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.127	Price 1	Upon request to manufacturer
Shipping weight (kg)	13.00	Year of base price	2016
Minimum order	3000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-106
Description: RUP 5mL
Company: Sanavita Pharmaceuticals GMBH

Contact Information

Address: Spaldingstr. 110B D- 20097 Hamburg Germany
Germany
Telephone: +49 40 730 8853-0
Email: guenter.kunde@sanavita.net
Web address: www.sanavita.net

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RUP syringe 5mL

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21Gx1 ½" (38mm)	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.137	Price 1	Upon request to manufacturer
Shipping weight (kg)	13.00	Year of base price	2016
Minimum order	1800.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-108
Description: RUP Syringe 2 mL
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Oneject II RUP Syringe 2 mL

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked / broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.09	Price 1	Upon request to manufacturer
Shipping weight (kg)	10.60	Year of base price	2015
Minimum order	1600.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------------	--------------------------------	--

Quality standard (Other) ISO 9001

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-109
Description: RUP syringe 5 mL
Company: PT Oneject Indonesia

Contact Information

Address: Sentul Industrial Estate Jl. Olympic Raya Kav B9 Bogor 16810, Indonesia
Telephone: +62 21 879 17 422
Email: niken.permatasari@oneject.co.id
Web address: www.oneject.co.id

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Oneject II RUP Syringe 5 mL

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked / broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	Upon request to manufacturer
Shipping weight (kg)	12.00	Year of base price	2015
Minimum order	1200.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-110
Description: RUP 1ml
Company: Mitra Rajawali Banjaran, PT

Contact Information

Address: JL. Raya Banjaran KM16 Bandung, Jawa Barat Indonesia
Indonesia
Telephone: +62 22 594 0151
Email: nurasfiyahqo@gmail.com
Web address: <http://www.mrb.co.id>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference SKIFA RUP 1ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Hooked to hub at end of injection	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.05
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	26G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	26G x 1/2 "	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.142	Price 1	24cts
Shipping weight (kg)	11.88	Year of base price	2015
Minimum order	10000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status: *Prequalified* **Valid until:** 2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-111
Description: RUP 5ml
Company: Mitra Rajawali Banjaran, PT

Contact Information

Address: JL. Raya Banjaran KM16 Bandung, Jawa Barat Indonesia
Indonesia
Telephone: +62 22 594 0151
Email: nurasfiyahqo@gmail.com
Web address: <http://www.mrb.co.id>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference SKIFA RUP 5ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Hooked in hub at end of injection	RUP Type	Other
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	22G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	22G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Plastic ribbon
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.71	Price 1	28 cts
Shipping weight (kg)	14.02	Year of base price	2015
Minimum order	10000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-115
Description:	RUP Syringe 3ml
Company:	International Company for Medical Necessities
Contact Information	
Address:	Industrial Zone Block No. 19&67 Abu Tig Assuit Egypt Egypt
Telephone:	+2 (088) 49 50200 - 202 - 250
Email:	mak@medical-ico.com
Web address:	www.medical-ico.com & aak@medical-ico.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Smooth Inject Re-Use Prevention Syringe 3ml
--------------------------------	---

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locking plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1 1/4	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle fixation: Detachable Plunger aspiration: Multiple Title: RUP Syringe 3ml Primary packaging: Paper blister pack Needle size: 23G x 1 1/4
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.08419	Price 1	100,000 US\$ 0.028
Shipping weight (kg)	11.55	Price 2	1m US\$ 0.027
Price 3	10m US\$ 0.025	Year of base price	2019
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-116
Description:	RUP Syringe 5ml
Company:	International Company for Medical Necessities
Contact Information	
Address:	Industrial Zone Block No. 19&67 Abu Tig Assuit Egypt Egypt
Telephone:	+2 (088) 49 50200 - 202 - 250
Email:	mak@medical-ico.com
Web address:	www.medical-ico.com & aak@medical-ico.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Smooth Inject Re-Use Prevention Syringe 5ml
--------------------------------	---

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	22 G x 1.1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.084	Price 1	100,000 US\$ 0.033
Shipping weight (kg)	13.20	Price 2	1m US\$ 0.032
Price 3	10m US\$ 0.031	Year of base price	2019
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2024-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-117
Description:	RUP Syringe 10ml
Company:	International Company for Medical Necessities
Contact Information	
Address:	Industrial Zone Block No. 19&67 Abu Tig Assuit Egypt Egypt
Telephone:	+2 (088) 49 50200 - 202 - 250
Email:	mak@medical-ico.com
Web address:	www.medical-ico.com & aak@medical-ico.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Smooth Inject Re-Use Prevention Syringe 10ml
--------------------------------	--

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locked plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	22G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21 G x 1.1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.084	Price 1	100,000 US\$ 0.037
Shipping weight (kg)	10.00	Price 2	1m US\$ 0.036
Price 3	10m US\$ 0.035	Year of base price	2019
Minimum order	500000.00	Incoterms	EXW

QUALITY STANDARD

Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-118
Description: RUP Syringe 2ml
Company: Royal Group

Contact Information

Address: ONB-E/2, Mehar Sons Estate, Talpur Road, Karachi-74000, Pakistan
Pakistan

Telephone: +92-21-32400270 Ext. 232

Email: royalgroup pak@gmail.com *invalid*

Web address: <http://www.royalgroupweb.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RG-Non reusable syringe 2ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23Gx1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

PRICE AND SHIPPING

Shipping volume (m3)	0.90447	Price 1	Upon request to manufacturer
Shipping weight (kg)	12.78	Year of base price	2018
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-119

Description: RUP Syringe 10ml

Company: Royal Group

Contact Information

Address: ONB-E/2, Mehar Sons Estate, Talpur Road, Karachi-74000, Pakistan

Telephone: +92-21-32400270 Ext. 232

Email: royalgrouppak@gmail.com

Web address: <http://www.royalgroupweb.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference RG-Non reusable syringe 10ml

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Plunger lock and break	RUP Type	Plunger lock
Location RUP activation	End of injection	RUP Needle Fixation	Not Fixed
RUP Needle Sizes	21G x 1 1/2" (38 mm)	Needle Size	Other
RUP Nominal Capacity (ml)	10.00	Needle Size (Other)	21G x 1 1/2"
RUP plunger Aspiration	Single	Needle Fixation	Detached
RUP Primary Packaging	Blister pack	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.139776	Price 1	On request to manufacturer
Shipping weight (kg)	18.94	Year of base price	2018
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	Prequalified	Valid until:	2025-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-120
Description:	1ml RUP syringe
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 1ml RUP syringe
--------------------------------	------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Gasket locked/broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.02
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	26G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	26G 5/8"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.0979	Price 1	price on request
Shipping weight (kg)	19.00	Year of base price	2017
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-121
Description:	10ml RUP syringe
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 10ml RUP syringe
--------------------------------	-------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked gasket/plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/2" (38 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21G x 1 1/2"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle at side available Pieces per carton:1500 or 1200
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.102	Price 1	price on request
Shipping weight (kg)	16.00	Year of base price	2017
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-122

Description: 2ml RUP 23X1 syringe

Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America

Telephone: +1 201-847-5149

Email: kathy.cooman@bd.com

Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference 2ml LS RUP 23X1 AN Bawal

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked and breaking plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	24G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	24x1	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments Needle fixation: Detachable
Plunger aspiration: Multiple
Title: 2ml RUP 23X1 syringe
Primary packaging: Paper blister pack
Needle size: 24x1

PRICE AND SHIPPING

Price 1	price on request	Year of base price	2019
Minimum order	48000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
-------------------------	-----------------	--------------------------------	--

Quality standard (Other)	ISO 9001
---------------------------------	----------

Current PQS status:	Prequalified	Valid until:	2024-05
----------------------------	--------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-124
Description:	RUP 3ml syringe
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Honga RUP 3ml syringe
--------------------------------	-----------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Gasket lock/plunger break	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23G x 1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle at side available Pieces per carton:2000 or 2400
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.0979	Price 1	price on request
Shipping weight (kg)	19.00	Year of base price	2017
Minimum order	100000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-125
Description: 3ml RUP 23X1
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference 3ml LS RUP 23X1 AN Bawal

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Blocking and breaking plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	23x1	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments Needle fixation: Detachable
Plunger aspiration: Multiple
Title: 3ml RUP 23X1
Primary packaging: Paper blister pack
Needle size: 23x1

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	price on request
Shipping weight (kg)	13.80	Year of base price	2019
Minimum order	48000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2024-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-126
Description: BD Syringe 5ml LS RUP 24X1 AN Bawal
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference 5ml LS RUP 24X1 AN Bawal

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locking and breaking plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	24G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	24x1	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Plastic ribbon
Other needle size options	Yes	Number of pieces	3.00

PRICE AND SHIPPING

Shipping volume (m3)	0.118	Price 1	price on request
Shipping weight (kg)	11.40	Year of base price	2019
Minimum order	32000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-127
Description: BD 10ml RUP 21X1
Company: Becton Dickinson

Contact Information

Address: 1 Becton Drive, Franklin Lakes, NJ 07417 USA MC238
United States of America
Telephone: +1 201-847-5149
Email: kathy.cooman@bd.com
Web address: <http://www.bd.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference Syringe 10ml LS RUP 21X1 AN Bawal

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Locking and breaking plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	21G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	21X1	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

PRICE AND SHIPPING

Shipping volume (m3)	0.1358	Price 1	price on request
Shipping weight (kg)	13.80	Year of base price	2019
Minimum order	24000.00	Incoterms	FCA

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Specification Reference	Applicable PQS specification: Applicable PQS VP(s):
Quality standard (Other)	ISO 9001		
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-128
Description:	RUP syringe 1ml
Company:	Changzhou Tongda Medical Appliance Co., Ltd
Contact Information	
Address:	Sanhekou Street Zhenglu Town Tianning District Changzhou, Jiangsu China; People's Republic of China
Telephone:	+86 51988670522
Email:	info@tongdamedical.com
Web address:	http://www.tongdachina.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SHIFA syringe 1ml
--------------------------------	-------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked & broken pluger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	26G x 3/8" (10 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	1.00
Needle Size (Other)	26Gx5/8"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments	Needle at side available Pieces per carton:2000 or 2400
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.090447	Price 1	price on request
Shipping weight (kg)	12.78	Year of base price	2020
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-129
Description:	RUP syringe 3ml
Company:	Changzhou Tongda Medical Appliance Co., Ltd
Contact Information	
Address:	Sanhekou Street Zhenglu Town Tianning District Changzhou, Jiangsu China; People's Republic of China
Telephone:	+86 51988670522
Email:	info@tongdamedical.com
Web address:	http://www.tongdachina.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SHIFA syringe 3ml
--------------------------------	-------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked and broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.10
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	24G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	3.00
Needle Size (Other)	24Gx1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
RUP Sub-category	Simple RUP	Other needle size options	Yes
Number of pieces	3.00		

Comments	Needle at side available, Pieces per carton:2000 or 2400
-----------------	---

PRICE AND SHIPPING

Shipping volume (m3)	0.090447	Price 1	price on request
Shipping weight (kg)	12.78	Year of base price	2020
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-130
Description:	RUP syringe 5ml
Company:	Changzhou Tongda Medical Appliance Co., Ltd
Contact Information	
Address:	Sanhekou Street Zhenglu Town Tianning District Changzhou, Jiangsu China; People's Republic of China
Telephone:	+86 51988670522
Email:	info@tongdamedical.com
Web address:	http://www.tongdachina.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SHIFA syringe 5ml
--------------------------------	-------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked and broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.20
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	24G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	5.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments	Needle at side available Pieces per carton:1600 or 2000
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.10212	Price 1	price on request
Shipping weight (kg)	13.70	Year of base price	2020
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes

PQS code:	E013-131
Description:	RUP syringe 10ml
Company:	Changzhou Tongda Medical Appliance Co., Ltd
Contact Information	
Address:	Sanhekou Street Zhenglu Town Tianning District Changzhou, Jiangsu China; People's Republic of China
Telephone:	+86 51988670522
Email:	info@tongdamedical.com
Web address:	http://www.tongdachina.com.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	SHIFA syringe 10ml
--------------------------------	--------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	locked and broken plunger	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.50
RUP Needle Fixation	Not Fixed	RUP Needle Sizes	22G x 1 1/4" (30 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	10.00
Needle Size (Other)	22Gx1 1/4"	RUP plunger Aspiration	Multiple
Needle Fixation	Detached	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments	Needle at side available Pieces per carton:1600 or 1200
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.139776	Price 1	price on request
Shipping weight (kg)	18.94	Year of base price	2020
Minimum order	200000.00	Incoterms	FOB

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s): ISO 7886-4
-------------------------	-----------	--------------------------------	---

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-133
Description: 3mL RUP
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
Telephone: +86 (510)3777555
Email: mike@chinasyringe.com
Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference 3mL RUP

PRODUCT SPECIFICATIONS - MAIN

RUP Type	Other	Location RUP activation	End of injection
Graduations (ml)	0.20	RUP Needle Fixation	Not Fixed
RUP Needle Sizes	24G x 1" (25 mm)	Needle Size	Other
RUP Nominal Capacity (ml)	3.00	Needle Size (Other)	24Gx1"
RUP plunger Aspiration	Multiple	Needle Fixation	Detached
RUP Primary Packaging	Blister pack	Other needle size options	Yes
Number of pieces	3.00		

PRICE AND SHIPPING

Shipping volume (m3)	0.12	Price 1	Price available on request
Shipping weight (kg)	12.00	Year of base price	2021
Minimum order	200000.00		

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886/4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-134
Description:	Qatari 2mL RUP
Company:	Qatari German Company for Medical Devices
Contact Information	
Address:	P.O.Box 22556 ABU HAMOUR DOHA, STATE OF QATAR Qatar
Telephone:	+974 44581201
Email:	marc.andal@ggmd.com
Web address:	www.ggmd.com

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Qatari 2mL RUP
--------------------------------	----------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	Lock after after injection completed	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	2.00
RUP Needle Fixation	Fixed	RUP Needle Sizes	23G x 1" (25 mm)
Needle Size	Other	RUP Nominal Capacity (ml)	2.00
Needle Size (Other)	23G x 1"	RUP plunger Aspiration	Single
Needle Fixation	Fixed	RUP Primary Packaging	Blister pack
Other needle size options	Yes	Number of pieces	3.00

PRICE AND SHIPPING

Shipping volume (m3)	0.08	Price 1	0.08 USD
Shipping weight (kg)	6.20	Year of base price	2021
Minimum order	100000.00	Incoterms	EXW

QUALITY STANDARD

Quality Standard	ISO 13485	Specification Reference	Applicable PQS specification: ISO 7886-4 Applicable PQS VP(s):
-------------------------	-----------	--------------------------------	--

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code:	E013-135
Description:	1mL RUP syringe
Company:	Jiangxi Hongda Medical Equipment Group Ltd
Contact Information	
Address:	39 South Shengi Road Jinxian county, Nanchang City Jiangxi province China; People's Republic of China
Telephone:	+86 791 85628828
Email:	hongda008@jxhd.cn
Web address:	http://www.jxhd.cn

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Hongda 1mL RUP syringe
--------------------------------	------------------------

PRODUCT SPECIFICATIONS - MAIN

RUP mechanism	gasket and plunger is Locked	RUP Type	Plunger lock
Location RUP activation	End of injection	Graduations (ml)	0.01
RUP Needle Sizes	22G x 1" (25 mm)	Needle Size	Other
RUP Nominal Capacity (ml)	1.00	Needle Size (Other)	22GX1mm
Needle Fixation	Fixed	RUP Primary Packaging	Paper blister pack
Other needle size options	Yes	Number of pieces	3.00

Comments	Pieces per carton: other quantities per carton available Plunger aspiration: Single
-----------------	--

PRICE AND SHIPPING

Shipping volume (m3)	0.097954	Price 1	1000units:3.3\$
Shipping weight (kg)	19.00	Price 2	5000units:3.2\$
Price 3	10000units:3.1\$	Year of base price	2023
Minimum order	100000.00		

QUALITY STANDARD

Quality Standard	ISO 13485
-------------------------	-----------

Current PQS status:	<i>Prequalified</i>	Valid until:	2025-05
----------------------------	---------------------	---------------------	---------

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



E013: Injection devices for therapeutic purposes



PQS code: E013-136
Description: 5mL Syringe with re-use prevention feature
Manufactured in: China
Company: Wuxi Yushou Medical Appliances Co., Ltd

Contact Information

Address: No.115 Nongxinhe Road Xishan District Wuxi city Jiangsu Province China
China

Telephone: +86 (510)3777555

Email: mike@chinasyringe.com

Web address: <http://www.chinasyringe.com>

Specifications

PRODUCT IDENTIFICATION

Manufacturers Reference	Yushou®	Country of Manufacture	China
--------------------------------	---------	-------------------------------	-------

PRODUCT SPECIFICATIONS - MAIN

RUP Type	Other	Location RUP activation	End of injection
Graduations (ml)	0.20	RUP ISO Type	Type 1A
Markings	CE mark	Needle Size	Other
Needle Size (Other)	23Gx25mm	Needle Fixation	Detached
RUP Primary Packaging	Paper blister pack	Syringe material(s)	Polypropylene
Other needle size options	Yes	Number of pieces	2000.00

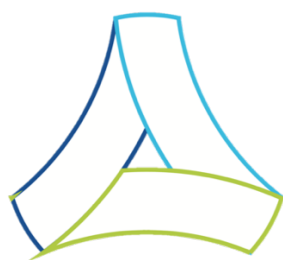
PRICE AND SHIPPING

Shipping volume (m3)	0.135	Price 1	POA
Shipping weight (kg)	15.00	Units per package	3.00
Year of base price	2023	Minimum order	200000.00
Incoterms	FOB		

QUALITY STANDARD

Quality Standard		ISO 13485	
Current PQS status:	Prequalified	Valid until:	2025-05

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.



End notes

The IMD-PQS Devices Catalogue, which includes the product data sheets, is updated regularly. The product data sheets are individually accessible on the IMD-PQS website in the section [“Key resources/Prequalified products”](#)¹.

Products are added to the IMD-PQS Catalogue only if and when they are found, by the process of WHO independent verification, to comply with the applicable performance, quality and safety standards current at the time of submission. Those products found to successfully comply will be granted IMD-PQS-prequalified status which indicates that the product may be procured by United Nations agencies for use in immunization programmes.

WHO may suspend or withdraw products from the IMD-PQS Catalogue according to the [IMD-PQS Standard Operating Procedures \(SOP\)](#)². Reasons for suspension or withdrawal are listed in the SOP 011 *“How to remove a prequalified product from the IMD-PQS database”*.

WHO operates a policy of “grandfathering” for previously IMD-PQS prequalified products that no longer meet current PQS standards. PQS will define a period of a specific duration, following the introduction of a new or revised product specification, during which previously prequalified equipment are exempt from compliance with the new requirements. The IMD-PQS Secretariat will identify any specification clause that requires eventual compliance by previously prequalified equipment including the duration of the Grandfathering period.

The IMD-PQS Catalogue does not provide an exhaustive overview of products for use in immunization programmes. The IMD-PQS Catalogue includes only those products which have been independently assessed in accordance with IMD-PQS verification procedures and found to meet the requirements of the relevant IMD-PQS performance specifications.

The fact that certain products and manufacturers are not included in the IMD-PQS Catalogue does not mean that, if independently tested, they would not be found to comply with the relevant IMD-PQS performance specifications. WHO IMD-PQS therefore encourages a wide range of manufacturers to apply for prequalification to support the development of a competitive marketplace.

The IMD-PQS Catalogue may not be used by manufacturers and suppliers for commercial or promotional purposes.

¹ IMD-PQS Catalogue, IMD-PQS website *Key resources/Prequalified products*:

<https://extranet.who.int/prequal/immunization-devices/online-catalogue>

² WHO Performance, Quality, and Safety Standard Operating Procedures

<https://extranet.who.int/prequal/immunization-devices/standard-operating-procedures>

Disclaimer

The inclusion of a product in the IMD-PQS Catalogue does not constitute a WHO endorsement of the product and/or its manufacturer (beyond compliance with IMD-PQS specifications).

WHO does not guarantee that IMD-PQS Catalogue is complete or error free.

Furthermore, by including products in the IMD-PQS Catalogue, WHO does not imply that:

- the products which have been found to meet the relevant PQS performance specifications will continue to do so, nor that
- the products included in the PQS Catalogue have obtained marketing authorization for their specified use or any other use in any country of the world, or that their use is otherwise in accordance with the national laws and regulations of any country, including but not limited to patent laws.

WHO wishes to alert procuring agencies that the improper handling and transportation of products may affect their quality, safety and/or effectiveness. WHO disclaims any and all liability and responsibility for any injury, death, loss, or damage of any kind whatsoever that may arise as a result of, or in connection with the procurement, distribution and use of any product included in the IMD-PQS Catalogue.

Procurement suggestions

Any Member State and UN organization intending to use the IMD-PQS Catalogue for procurement purposes should ensure that only products from the manufacturers mentioned in the IMD-PQS Catalogue are supplied to it. However, inclusion of a product in the IMD-PQS Catalogue does not constitute any guarantee for the procurement of this product.

Procurement agencies using the IMD-PQS Catalogue for procurement purposes remain solely responsible for ensuring the quality of the products to be delivered to them. Procurement agencies are also responsible for ensuring the financial stability and standing of the supplier, their ability to supply the required quantities and that the products have obtained the required marketing authorizations.

Guideline revision history

Date	Change summary	Reason for change	Approved
15 April 2011	First publication		IG
25 August 2019	Substantial technical revisions all sections; editing / proofing and streamlining contents.	Updates in line with technical product changes and the PQT Immunization Devices website review.	IG
17 September 2024	Substantial technical revisions all sections; editing / proofing and streamlining contents.	Updates in line with technical product changes and the PQT Immunization Devices website review.	IG

© World Health Organization

This electronic document is not a formal publication of the World Health Organization (WHO) and all rights are reserved by the organization. The document may, however, be freely reviewed, abstracted reproduced and translated, in part or in whole, but not for sale nor for use in conjunction with commercial purposes.

The views expressed in documents by named authors are solely the responsibility of those authors.