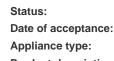


WHO Immunisation Devices - Performance, Quality & Safety

E003: Refrigerators and freezers



Product name: IMD-PQS Code:

F003-035 Prequalified 17 Dec 2012

TCW 2000 SDD

E003

Product description: Solar direct drive refrigerator/freezer

B Medical Systems Sarl Manufacturer:

Manufacturers Reference: TCW 2000 SDD Country of Manufacture: Luxembourg

Address: 17 Op der Hei L-9809 Hosingen Luxembourg

Luxembourg

Telephone: + 35 2 92 07 311

Email: info@bmedicalsystems.com Website address: www.bmedicalsystems.com

Valid until: 31 Dec 2025

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone Temperate Minimum rated ambient 5.00 temperature (°C) Grade A Hold over time (hours:mn) 94:00 Freeze protection

External dimensions length 1270.00 External dimensions width 780.00

External dimensions height 910.00 Appliance tested at (°C) 32.00

(mm)

Performance at" (°C) 32.00 Fuel and refrigeration cycle Electric - compression Solar direct drive Ice-lined **Energy source** Linina

Energy Consumption During

Freezing (kWh/24h)

Energy Consumption 0.7800

Continuous Power (kWh/24h)

Down (kWh/24h)

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage 99.000 Refrigerator's gross volume 118.000

capacity(L) (Litres) Autonomy (hrs:mn) 85:24 Refrigerant type R600a

Solar radiation ref period 3.50

(kWh/m2/day)

PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type Low energy compression Freezer net volume

Freezer's gross volume

Waterpack storage capacity

(Litres)

(Litres)

42.00 9.60

Waterpack freezing capacity

Energy Consumption Cool

0.7400

(Kg/24 hrs)

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

292.9960.13 Other parts are available as spares on request. PRICE AND SHIPPING Shipping volume (m3) 1.07 Shipping weight (kg) 161.00 >100 units: G1: 9252€; G2: 10,606€ Year of base price 2025 QUALITY STANDARD Quality Standard ISO 13485;Other Quality standard (Other) ISO 9001:2015; ISO 14001:2015 Specification Reference Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2 VERIFICATION Verification Laboratory CEMAFROID SAS Address 5 Avenue des Pres CS 20029	List of accessories	4 baskets; 16 waterpacks 0.6L; 4 keys; documentation and instructions, lockable lid, 1 compass, 1 brush, 2 spacers			
Shipping volume (m3) 1.07 Shipping weight (kg) 161.00 Incoterms EXW Price 1 >100 units: G1: 9252€; G2: 10,606€ Year of base price 2025 2025 QUALITY STANDARD ISO 13485;Other Quality standard (Other) ISO 9001:2015; ISO 14001:2015 Specification Reference Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2 Address 5 Avenue des Pres CS 20029 F94 266 Fresnes Cedex France France France Phone +33 1 49 84 84 84 Email gerald.cavalier@cemafroid.fr Verification Report Reference WHO- 12-020/16-004/11-017 V2 PRODUCT SITES Organization name B Medical Systems Sarl Address 17 Op der Hei L-9809 Hosingen Luxembourg		No.296.9702.09 1 No. E-box (BD35K Solar) Part No. 2969705.32 1 No. Electronic thermostat/controller (TCW DC Solar) - Part No. 292.2009.05 1 No. Fan (12V, 4,3W, 410) - Part No.			
Incoterms EXW Price 1 >100 units: G1: 9252€; G2: 10,606€ Year of base price 2025 QUALITY STANDARD Quality Standard ISO 13485;Other Quality standard (Other) ISO 9001:2015; ISO 14001:2015 Specification Reference Applicable PQS specification: E003/RF05.2 Applicable PQS VP(s): E003/RF05-VP.2 4ddress 5 Avenue des Pres CS 20029 F94 266 Fresnes Cedex France France France Phone +33 1 49 84 84 84 Email gerald.cavalier@cemafroid.fr Verification Report Reference WHO- 12-020/16-004/11-017 V2 gerald.cavalier@cemafroid.fr PRODUCT SITES Organization name B Medical Systems Sarl Address 17 Op der Hei L-9809 Hosingen Luxembourg	PRICE AND SHIPPING				
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Organization name B Medical Systems Sarl 17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg	Verification Report Reference	WHO- 12-020/16-004/11-017 V	2		
Address 17 Op der Hei L-9809 Hosingen Luxembourg Luxembourg	PRODUCT SITES				
Luxembourg	Organization name	B Medical Systems Sarl			
Current PQS status: Prequalified Valid until: 31 Dec 2025	Address		1 0		
	Current PQS status:	Prequalified	Valid until:	31 Dec 2025	

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