



E003: Refrigerators and freezers



Product name:	TCW3100AC
IMD-PQS Code:	E003-143
Status:	Prequalified
Date of acceptance:	29 Sep 2025
Appliance type:	E003
Product description:	Vaccine freezer
Manufacturer:	B Medical Systems Sarl
Manufacturers Reference:	TCW3100AC
Country of Manufacture:	Luxembourg
Address:	17 Op der Hei Hosingen Luxembourg Luxembourg
Telephone:	+ 35 2 92 07 311
Email:	info@bmedicalsistemas.com
Website address:	www.bmedicalsistemas.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Hold over time (hours:mn)	14:53	External dimensions length (mm)	780.00
External dimensions width (mm)	1280.00	External dimensions height (mm)	910.00
Appliance tested at (°C)	43.00	Performance at" (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Electric Mains 220-240V50/60Hz or 100-127V/60Hz with optionally integrated transformer
Lining	Ice-lined	Energy Consumption During Freezing (kWh/24h)	3.0900

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerant type	R290
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PRODUCT SPECIFICATIONS - ADDITIONAL FREEZER

Freezer type	Vaccine	Freezer's gross volume (Litres)	168.00
Waterpack freezing capacity (Kg/24 hrs)	18.00	Waterpack storage capacity (Litres)	168.00

Comments	Note: this product has only been pre-qualified as a freezer. 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 freezer has a digital display). This RTMD is exclusively bundled to B Medical Systems freezers. Includes warranty for 3 years. For more information and further conditions of warranty, please contact B Medical Systems. Optionally available in 115V/60Hz. Optionally available with Voltage Stabilizer Extended range. Waterpack freezing capacity 18.96 kg / 24 hours
List of accessories	5 baskets, 2 keys, documentation
List of spare parts, Reference & Price	Part Number / Description / QTY / Price 294.2959.90 Condenser Fan 1 € 104,09 296.9701.72 Compressor 1 € 303,05 296.0945.04 Filter dryer 1 € 3,66 296.9804.67 Sensor 1 € 15,68 396.9769.99 Cold Chain Controller 1 € 308,38 296.9769.91 DISPLAY BOARD 1 € 70,54

PRICE AND SHIPPING

Shipping volume (m3)	1.07	Shipping weight (kg)	168.00
Incoterms	EXW	Price 1	Qty 1-39 = 3640 EUR
Price 2	Qty 40-99 = 3458 EUR	Price 3	Qty 100 and + = 3285 EUR
Year of base price	2025		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Quality standard (Other)	ISO 9001:2015, ISO 14001:2015
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VERIFICATION

Verification Laboratory	Intertek India	Address	Intertek India Private Limited E-20, Block B1, Mohan Cooperative Industrial Estate Mathura Road New Delhi - 110044 IndiaIndia
Telephone	+91-9820213510	Email	manas.das@intertek.com
Verification Report Reference	CE-JOB-NDA-23-002589-001		

PRODUCT SITES

Organization name	B Medical Systems Sarl
Address	17 Op der Hei Hosingen Luxemburg Luxembourg

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>
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Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.