



E003: Refrigerators and freezers



Product name:	TC-125WSDD
IMD-PQS Code:	E003-144
Status:	Prequalified
Date of acceptance:	24 Oct 2025
Appliance type:	E003
Manufacturer:	Zhongke Meiling Cryogenics Company Limited
Manufacturers Reference:	TC-125WSDD
Country of Manufacture:	China
Address:	No. 1862 Zishi Road Hefei Anhui China
Telephone:	+86 551 6431 7378
Email:	zkmeiling@zkmeiling.com
Valid until:	31 May 2026

Specifications

PRODUCT SPECIFICATIONS - MAIN

Climate zone	Hot	Minimum rated ambient temperature (°C)	5.00
Relative Humidity (Min)	5.00	Relative Humidity (Max)	95.00
Humidity Control	Passive	Freeze protection	Grade A
External dimensions length (mm)	929.00	External dimensions width (mm)	834.00
External dimensions height (mm)	966.00	Appliance tested at (°C)	43.00
Performance at" (°C)	43.00	Ambient temperature during testing (°C)	43.00
Fuel and refrigeration cycle	Electric - compression	Energy source	Solar direct drive
Lining	Icelined	Energy Consumption	1.0700
Energy Consumption Cool Down (kWh/24h)	1.0810	Intermittent Power (kWh/24h)	

PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

Refrigerator vaccine storage capacity(L)	95.000	Refrigerator's gross volume (Litres)	125.000
Autonomy (hrs:mn)	92:27	Refrigerant type	R600a
Solar radiation ref period (kWh/m2/day)	3.50		

Comments	"1. Prices include Solar photovoltaic system, 30-day temperature recorder. 2. Standard with 2 universal castors with brakes and 2 fixed castors, convenient for movement and fixation. 3 .Standard with 5 baskets for store vaccines/samples. 4. Cool storage unit do not need to inject or replenish water, more convenient to use. 5. Dual cooling system, dual reliability. 6. The appliance has a Equiplog Data Logger that complies with ""WHO/PQS/E006/DL01"" and ""WHO/PQS/E006/DS01"". 7. The appliance has 5V/1A interface and Type C interface. 8. RS485 2 wire port to connect with any MODBUS compliant slave. 9. Freeze protection: Grade A . 10. Optional: Humidity control plate."
List of accessories	1.Operation manual 2.Key 3.Spare fuse 4.Certificate card

List of spare parts, Reference & Price	"Included in the UNICEF Supply Division spare parts kit: 2 NO. Condenser-Part NO. 890379860 ; 2 NO. Fan Motor-Part NO. 890279770 ; 1 NO. Power switch-Part NO. 890370233 ; 2 NO. DC to DC module-Part NO. 890383680 ; 1 NO. Control panel-Part NO. 890260742 ; 1 NO. Display panel-Part NO. 890188313 ; 1 NO. Solar display screen-Part NO. 890383792 ; 2 NO. Indicator light(green)-Part NO. 890384362 ; 1 NO. Fuse seat-Part NO. 890473151 ; 2 NO. Compressor-Part NO. 890354825 ; 2 NO. The filter-Part NO. 890348235 ; 1 NO. Equiplog Data Logger-Part NO. 890467888 ; 1 NO. Indicator light(red)-Part NO. 890473150 ; Other parts are available as spares on request. Unit price of spare parts: 1 NO. Fan Motor-Part NO. 890279770 (USD 9.8) 1 NO. DC to DC module-Part NO. 890383680 (USD 76) 1 NO. Control panel-Part NO. 890260742 (USD 50.5) 1 NO. Display panel-Part NO. 890188313 (USD 14.8) 1 NO. Compressor-Part NO. 890354825 (USD 359.3) 1 NO. The filter-Part NO. 890348235 (USD 0.9) Other parts are available as spares on request."
---	---

PRICE AND SHIPPING

Shipping volume (m3)	1.009	Shipping weight (kg)	162.00
Minimum order	1.00	Units per package	1.00
Incoterms	EXW	Price 1	1-10 UNITS: 3000 USD
Price 2	11-100 UNITS: 2950 USD	Price 3	?100 UNITS: on request to manufacturer
Year of base price	2025		

QUALITY STANDARD

Quality Standard	ISO 13485;Other	Quality standard (Other)	- ISO 9001:2015 - ISO 14001:2015 - ISO 45001:2018 -
Specification Reference	E003/RF05.8		

VERIFICATION

Verification Laboratory	CHEARI	Address	#29 Xia Jie Street, Xuan Wu district Beijing 100053 R. P. de ChineChina
Telephone	+86 1063162443	Email	gongcx@cheari.com
Verification Report Reference	WB-24-0184		

PRODUCT SITES

Organization name	Zhongke Meiling Cryogenics Company Limited
Address	No. 1862 Zishi Road Hefei Anhui China

Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>
----------------------------	---------------------	---------------------	--------------------

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