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CELLFROST 350-400 L
Ultra low temperature
laboratory deep freezer

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07-Aug-2025

11-Oct-2025

Product Specification for CELFROST 350-400 L Ultra low temperature laboratory deep freezer

विनिर्देश Specification	उप-विनिर्देश Sub-Spec	मूल्य Value
Standards	Conformity to Standards	CE (with 4 digit notified number)
	Certification number and date	0014 06.05.2025
	Conformity to standard conforms to standards IEC- 61010 for electrical safety latest amendment	Yes
Performance Parameters	Purpose	Used for storage of various samples , sensitive stem cells, plasma , semen , virus, bone graft and other biological samples
	Capacity in liters	350-400 L
	Freezer body	Freezer should have galvanised steel body with tough powder coated exterior finish constructed on steel
	Material of inside chamber	SS
	Type of Cabinet	Vertical
	Ground clearance in mm	100 mm
	Should have heavy duty lockable castors and levelling for adjustments and installation	Yes
	Refrigerants	CFC-free, HCFC-free non flammable refrigerants
	Refrigeration system must be energy efficient with pull down time in hrs	5.2 hr
	Operating Temperature with 1° C increment	minus 10 degree C to minus 40 degree C
	Freezer must attain -80°C while operating at ambient temperature of 32°C	Yes
	Number of holding racks	1
	Control system	Microprocessed Digital Controller system for precise temperature controller
	Number of inner storage compartments with insulated doors and adjustable height	3
	Freezer should have heated air vent and easily accessible front panel air filter	Yes
	Digital temperature display	Yes
	Should have battery back up for the display and security lock for the display	NA
	Alarms	Electronic alarm if, temperature deviates more than ± 2 C
	Noise level in dB	60
	Energy consumption rate (@KWh/day)	4
	Stabilizer should be capable to run any voltage between 190V - 270 V	Yes
	Double door with locking lids	Yes
	Availability of decompression valve facility to lower air pressure inside freezer for easy door opening	Yes
	Panels	VIP with Green PUF
	Number of compressor	1
	Temperature uniformity	+/- 3 degree
	Temperature stability of system	$\pm 3^{\circ}\text{C}$
Warranty of Stabilizer in Years	1	
Warranty of Freezer (except compressor) in Years (from the date of installation)	3	
Warranty of compressor in years	1	
Vacuum insulation panel	Yes	
Freezer must have washable condenser filter indicator which should keep fins free of dust to maintain peak cooling efficiency	Yes	
One 5KVA servo stabilizer to be supplied with freezer	No	
CO ₂ cylinder should be supplied with freezer for backup	NA	

Additional Parameters	Number of corrosion resistant racks	4
	Pairs of Cryogloves to be provided	1
	Number of Ice scraper to be provided	1
	Temperature Chart recorder to be provided	No
	Availability of USB port to download event log and freezer setting	Yes
Reports	Manufacturer should have ISO certification	Yes
	ISO certification date and number	22-A-12050010 REV.0 DATE: 06.05.2025
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes

टिप्पणी | Note: Seller has given an undertaking that it has made arrangements for getting the stores from an authorized distributor / dealer / channel partner of the OEM of the offered product. At the time of delivery of goods, Seller will provide necessary chain documents (in the form of GST Invoice) to prove that the supplied goods are genuine and are being sourced from an authorized distributor / dealer / channel partner of the OEM. In case of any complaint about genuineness of the supplied products, Seller shall be responsible for providing genuine replacement supplies.

ईपीबीजी विवरण | ePBG Detail

NA

नियम और शर्तें | Terms and Conditions

1. Special terms and conditions- Version:1 effective from 11-11-2022

1.1

1. **Comprehensive warranty:** Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables. Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.
2. **Service centres:** Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address, telephone numbers, e mails etc at time of making the supplies. It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll-free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.
3. **Source of supply:** It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.
4. **Packing and Marking:** Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take into consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed. Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date, brief description of goods including quantity, Packing list reference number, country of origin of goods and any other relevant details.
5. **Spare Parts:** Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies. In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available. OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.
6. **Installation, Training, Manuals:** Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.
7. **Electrical safety checking:** Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.
8. **Software:** All software updates should be provided free of cost during warranty period.
9. **Any other Terms and Conditions** which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions ("GTC"), whenever there are any conflicting provisions.

2. General Terms and Conditions-

- 2.1 This contract is governed by the [General Terms and Conditions](#), conditions stipulated to this Product/Service as provided in the Marketplace.
- 2.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable
- 2.3 All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any

non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

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