



MEDICAL REFRIGERATOR

Highlight

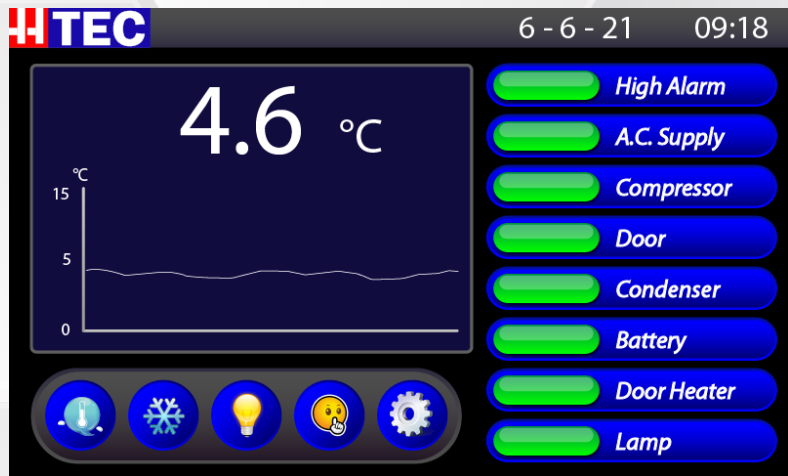
- Medical refrigerator controlled by Coolog control system.
- Iconic graphics display in 7 inches colour TFT LCD with touch function.
- Medical refrigerator constructed by epoxy coating finish and superior solid body design with viewing glass.
- Built-in datalogger feature supplied as standard. Option plug and play accessories for HTEC RealTime monitoring module.
- Certified and comply with the requirement of ISO 13485:2016 Quality Management System by SIRIM
- Supplied with Calibration test by accredited body and Electrical Safety Test Certificate
- Medical Refrigerators registered with Medical Device Authority (MDA)

System Feature

- 7 inches colour TFT LCD display with touch function. Temperature display to the nearest 0.1 degree centigrade, centralising all the operating and monitoring function.
- User friendly control system to ensure program the equipment easily. Wide parameter setting including minimum and maximum temperature range, defrost interval etc.
- Always on display to view chiller temperature, graph, alarm system, date and time.
- Built-in full performance datalogger including 3 probe sensor temperature data, alarm system, duration of door opens etc. for user preference and maintenance used.
- All data save in Micro SD Card in excel spreadsheet format and data can be store up to 10 years.
- Any minor or major failure detected, Coolog control system will alert user to prevent major damage on the equipment.
- Visual and audible alarm system to alert user when equipment goes failure.
- Alarm including Hi/low temperature alarm, power failure alarm, probe failure alarm, low-battery alarm, door open alarm and clean-filter alarm.
- Remote alarm contact supplied as standard.
- Safety door lock and controller setting password to prevent unauthorised access.
- Self-diagnostic function integrated into the controller ensure rapid identification and correction if any fault does occur.
- Off set function for calibration use. Comply requirement of Calibration and ISO 13485:2016 Quality Management System.
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Model	HMR-300S	HMR-700S	HMR-1400S
Capacity	350 liters	700 liters	1400 liters
Cabinet construction	Epoxy-coated mild steel cabinet. Mounted on castor wheels with lock		
Chamber Construction	Powder-coated mild steel		
Cabinet insulation	60mm CFC-free rigid polyurethane, foam-in-place insulation		
Control panel	Microprocessor controller. 7 inches colour TFT LCD with touch function display		
Working temperature range	2°C to 8°C. Preset at 4°C		
Accuracy	± 0.5°C		
Air Circulation	By positive forced-air fan(s)		
Alarms	Audio and visual alarms with battery back-up system. Supplied with remote alarm contact as standard. Automatic reset and ring back functions		
Alarm conditions	High-Alarm, Low-Alarm, A.C failure, Low Battery, Probe Failure, Door Open and Clean Filter		
Alarm set points	Preset at 0°C for under temperature and 8°C for over temperature		
Safety features	Supplied with ELCB		
Refrigerant	CFC-free hermetic-reciprocating type refrigeration with automatic defrosting and condensate removal. Refrigerant 134a		
Compressor	1/3 HP		1/2 HP
Cooling capacity at 5°C	2853 BTU/hr		3263 BTU/hr
Door type	Single viewing glass doors	Single viewing glass doors	Double viewing glass doors
	Dual-pane heated viewing glass. With fan switch which stops circulation fan when door (s) are opened. Supplied with door lock(s) as standard.		
Access port	25mm * 2 (Left and right)		
Viewing lamp	LED lighting		
Shelf type	Rid wire with polyethylene-coated finish. Full length adjustable shelves		
No. of shelves supplied	4 units	5 units	10 units
Interior dimensions (mm)	520W x 630D x 1115H	680W x 695D x 1470H	1380W x 695D x 1470H
Exterior dimensions (mm)	640W x 740D x 1800H	800W x 815D x 2025H	1500W x 815D x 2025H
Weight	100 Kg	130 Kg	230 Kg
Power supply	220-240 VAC, 50/60Hz, 2.3A	220-240 VAC, 50/60Hz, 2.5A	220-240 VAC, 50-60 Hz, 3.0A
Optional items	GSM Remote Alarm System Real Time Monitoring System Extra shelves		