



MEDICAL REFRIGERATORS

Highlight

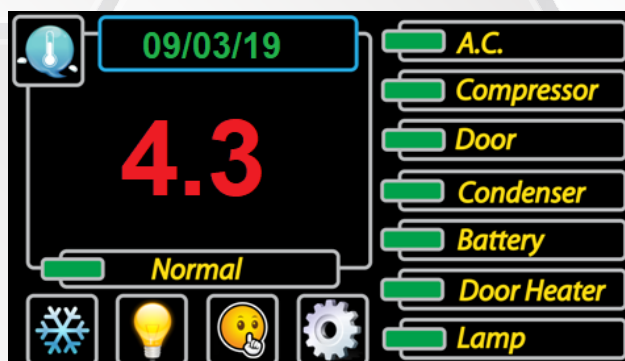
- Advance 4.3 inches colour TFT LCD control panel with touch function
- Built-in advance datalogger (Coolog) to detect and record performance of equipment
- Alarm will be triggered once Coolog detect error
- Remote alarm contact supplied as standard
- Certified and comply with the requirement of ISO 13485:2016 Quality Management System by SIRIM
- Product registered to logo Buatan Malaysia
- Medical Refrigerators registered with Medical Device Authority (MDA)

System Feature

- Coolog controller built-in advance datalogger with iconic graphics display in 4.3 inches colour TFT LCD with touch function. Temperature display to the nearest 0.1 degree Centigrade, centralising all the operating and monitoring function.
- User friendly datalogger (Coolog) to ensure program the equipment easily.
- Always on display to view chiller temperature, alarm status, date, and time.
- Built-in datalogger with wide parameter setting to record performance of equipment which include temperature, all alarm system and etc.
- Equipment built-in alarm function to alert user when equipment goes faulty.
- Coolog will be cooperate with the equipment to detect major failure and alert user to prevent major damage on the equipment.
- In the event of power failure, back-up battery system supplies power to the panel for at least 24 hours.
- The audio and visual alarms will be triggered when any of these conditions occur:-
- Hi/Low temperature alarm, AC-failure alarm, sensor failure alarm, door-open alarm, low back-up battery alarm and clean-filter alarm.
- Lock-temperature function protects against tampering of set temperatures/values.
- Self-diagnostic functions 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.
- Remote alarm contact supplied as standard.



MEDICAL REFRIGERATOR



Model	HMR-500T	HMR-1050T	HMR-1600T
Volume	527 liters	1138 liters	1720 liters
Cabinet construction	Powder-coated mild steel cabinet. Mounted on castor wheels with brake		
Cabinet insulation	CFC-free rigid polyurethane, foam-in-place insulation		
Working temperature range	2°C to 8°C. Preset at 4°C		
Control panel	Coolog with 4.3 inches colour TFT LCD with touch function		
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, 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-seal type refrigeration with automatic defrosting and condensate removal Refrigerant 134a		
Cooling capacity at 5°C (Btu/hr)	2465	4190	7079
Compressor	1/4 HP	2/5 HP	3/4 HP
Air circulation	By positive forced-air fan(s)		
Door type	Single viewing glass doors	Double viewing glass doors	Triple viewing glass doors
	Full swing (180°) solid door(s) with insulation and dual-pane heated viewing glass. With fan switch which stops circulation fan(s) 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	5 units	10 units	15 units
Interior dimensions (mm)	530W x 650D x 1530H	1145W x 650D x 1530H	1730W x 650D x 1530H
Exterior dimensions (mm)	630W x 800D x 2070H	1245W x 800D x 2070H	1830W x 800D x 2070H
Weight	120KG	200KG	278KG
Power supply	220-240 VAC, 50/60Hz, 2.4A	220-240 VAC, 50/60Hz, 2.5A	220-240 VAC, 50-60 Hz, 2.8A
Optional items	GSM Remote Alarm System		
	Real Time Monitoring System		
	Extra shelves		



CERTIFIED TO ISO 13485:2016
CERT. NO: QMS-MD 00145



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