

KALTE



Economic Pharmaceutical Refrigerators

Model: HPR-1050E

Highlight

- Advance 4.3 inches colour TFT LCD panel with touch function.
- Alarm will be triggered when error occurred from major issue detected.
- Remote alarm contact supplied as standard.
- Certified and comply with the requirement of ISO13485:2016 Quality Management System by SIRIM.
- Pharmaceutical Refrigerators registered with Medical Device Authority (MDA).
- Supplied with Calibration Certificate and Electrical Safety Test Certificate.

Features and Benefits

- The control panel is equipped with advance 4.3 inches colour TFT LCD control panel. Temperature display to the nearest 0.1 degree Centigrade, centralising all the operating and monitoring functions.
- User friendly control panel enables you to program the temperature settings and alarm set point quickly and easily.
- The alarm can be muted by touch the mute. If the fault is still not rectified, the acoustic signal is repeated automatically at every 10 minutes intervals until the cabinet temperature returns to normal.
- Remote alarm contact provided for off-site monitoring.
- Non-volatile memory ensures all set values remain intact in case of power failure.
- 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 the following conditions occurs:-
Hi/Low temperature alarms, AC-failure alarm, sensor failure alarm, low-battery alarm, door open alarm, low back-up battery alarm and clean-filter alarm.
- Lock-temperature function protects against tampering of set temperatures values.
- Off-set function for calibration purposes. Comply requirements of Calibration and ISO 13485: 2016 Quality Management System.
- Self-diagnostic functions integrated into the controller ensure rapid identification and correction if a fault does occur.
- Remote alarm contact supplied as standard.

Specifications

Model	HPR-1050E
Brand	HTEC
Capacity	1000 liters
Cabinet construction	Powder-coated mild steel cabinet. Mounted on castor wheels with locking screws
Cabinet insulation	CFC-free rigid polyurethane, foam-in-place insulation
Control panel	4.3 inches colour TFT LCD with touch function
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, Door Open and Clean Filter
Alarm set points	Preset at 0°C for under temperature and 8.0°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)	4190
Compressor	2/5 HP
Door type	Double glass doors
Door function	Self-closing, locked-in-position (90°), dual-pane heated glass door(s). With fan switch which stops circulation fan(s) when door(s) are opened. Supplied with door lock(s) as standard
Viewing lamp	LED
Shelf type	Rid wire with polyethylene-coated finish. Full length adjustable shelves
No. of shelves supplied	10 units
Shelf dimensions (mm)	545W x 530D
Interior dimensions (mm)	1143W x 595D x 1435H
Exterior dimensions (mm)	1260W x 760D x 2060H
Electrical	220-240 VAC, 50-60 Hz, 6.4A
Weight	168 kg
Optional items	<ul style="list-style-type: none">• GSM Remote Alarm System• Real Time Monitoring System• Extra Shelves