



Reagent Storage Lab Refrigerator

Precision Cooled Storage for Critical Laboratory Reagents



HLR 460 Ultra

The HLR Series of Reagent Storage Lab Refrigerators is designed to meet the high standards of modern laboratories, research centers, and healthcare facilities. Engineered for optimal temperature stability and safety, these refrigerators provide a reliable solution for storing sensitive reagents, vaccines, and biological samples.

With microprocessor controlled temperature management, durable stainless steel interiors, and an intuitive alarm system, the HLR Series ensures your reagents are stored under optimal and safe conditions at all times.

Salient Features :

- **Reliable Temperature Control:** Maintains a consistent range between +2°C to +8°C, ideal for reagent preservation. with visual & audio alarm system.
- **Microprocessor Based Monitoring:** Advanced temperature control system using PT-100 sensors.
- **Energy Efficient:** High-density polyurethane foam insulation ensures low energy consumption.
- **Inbuilt Stabilizer:** Equipped with a voltage stabilizer for uninterrupted performance.
- **Maintenance Free Battery Backup:** Ensures display and alarms stay functional during power outages.

LCD Display



- **Display:** LCD Display with internal data logging.
- **Memory:** Stores up to 1000 temperature records.
- **Alarm Events:** Displays temperature records and alarm events on the LCD in the form of a histogram.
- **Past 24-Hour History:** Detailed temperature history display.
- **Connectivity:** RS 485 port for external connectivity and downloading temperature records to a PC via REMI Datasoft software.

Technical Data

Particulars	HLR 200	HLR 200 Ultra	HLR 300	HLR 300 Ultra	HLR 350	HLR 350 Ultra	HLR 460	HLR 460 Ultra
Display	LED	4" LCD	LED	4" LCD	LED	4" LCD	LED	4" LCD
Internal Volume (Liters)	200		300		350		460	
No. of trays	2		3		4		5	
Internal Dimensions W x D x H (mm)	420 x 445 x 1118		500 x 500 x 1254		500 x 500 x 1504		560 x 570 x 1560	
External Dimensions W x D x H (mm)	500 x 726 x 1660		585 x 781 x 1792		583 x 781 x 2053		640 x 851 x 2135	
Temperature Range & Accuracy	2°C to 8°C, ± 0.5°C							
Temperature Control	Microprocessor with PT-100 sensor							
Temperature Variation Alarm	Set Temperature ± 2°C, Audio Visual Alarm							
Illumination	LED Strip							
Internal Body Material	Stainless Steel - 304 grade							
External Body Material	GI Sheet epoxy powder coated							
Insulation	Up to 50 mm, CFC free polyurethane foam							
Noise Level	Less Than 60 dB(A)							

Supply: 220-240, 50Hz Single Phase

Specifications subject to change without notice

