REMI Healthcare

REMI Cooling Incubator

Precise Incubation for Reliable Results

REMI Bacteriological Incubators HCI Series available in two variants- **Base** and **Ultra**, are meticulously engineered to provide a stable and controlled environment for bacterial culture growth, essential in microbiological and biological laboratories. It combines advanced technology with robust construction to ensure reliability, accuracy, and longevity. It is designed for optimal growth conditions, ideal for bacterial culture incubation.

HCI 460 Ultra

- **Durable exterior of epoxy powder coated GI sheet** protects from corrosion & ensures the incubator withstands harsh laboratory environments while maintaining its aesthetic appeal.
- **Inner chamber of High Grade Stainless Steel (SS304),** ensures a contamination free environment, essential for sensitive microbiological work.
- **Toughened Insulated Glass Door** for easy monitoring of the samples The glass is double glazed for enhanced insulation and durability, ensuring that the internal environment remains stable.
- **Adjustable Stainless Steel** wired shelves are provided, allowing customization of the internal space to accommodate various sizes of culture vessels and laboratory equipment. The shelves are easy to remove and clean, facilitating proper maintenance.
- **CFC Free PUF insulation and energy efficient** design reduce operational costs.
- **Forced air circulation system** ensures superior temperature uniformity throughout the chamber, which is especially critical for sensitive samples
- **Inbuilt Voltage Stabilizer** for uninterrupted performance.
- **Audio-Visual Alarms**
  - Temperature Variation
  - Door Open
  - Power Failure
  - Sensor Failure

Specifications subject to change without notice

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LCD Display

Additional Features of Ultra Variant

- **LCD Display:** Clear, user-friendly display for monitoring and control.
- **In-Built Data Logging:** Automatically records temperature data, date, time, alarm events for compliance and analysis.
- **Temperature Records: Displays** records of the past 24 hours along with alarm events on the LCD screen.
- **RS 485 Port:** Enables connectivity with a PC for real-time monitoring and data transfer.
- **Optional:** Allows precise timing of experiments. The alarm system notifies the user when the set time is achieved, but the incubator continues to operate to maintain sample conditions.

Technical Specifications

Particulars	HCI 200	HCI 200 Ultra	HCI 300	HCI 300 Ultra	HCI 350	HCI 350 Ultra	HCI 460	HCI 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	5°C to 60°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

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