



Biological Refrigerators

SeroCool Series



SeroCool 400

Salient Features:

- Microprocessor based accurate temperature control with advanced PT-100 sensor
- Outer body : Galvanized steel with anti scratch rust proof polish
- Inner body : Medical-grade compression molded plastic
- Adjustable coated wire mesh shelves
- Clear product visibility with moisture resistant full glass door with magnetic gasket
- High / low temperature alarm
- Hermetically sealed, energy saving, low noise, easy to service compressor.
- Self-Closing door with lock & magnetic gasket
- Forced-air Circulation, auto-switch off on door opening for uniform temperature ($\leq \pm 1^{\circ}\text{C}$ deviation).
- Automatic fast defrosting with antifreeze technology with digital controller
- Data documentation can be read via RS-485 interface.
- Audio-visual alarm in the case of temperature deviations and power failure.
- LED-Illumination mounted on side wall.
- 4 inch attractive LCD display.
- Histogram format of 24 hr temperature recording.
- Memory of 1000 records with RS-485 port.
- Battery-backup for temperature controller
- Built in voltage stabilizer
- For effortless movement, a trolley is available as an optional accessory at an extra cost.

SEROCOOL series of biological refrigerators are specially designed to store temperature sensitive reagents, kits & biological specimens. **Serocool** meets requirement of various departments of hospital, pharmacies & medical diagnostic laboratories i.e.; Pathology, Biochemistry, Hematology, Microbiology, Molecular, Serology & Genetics.

Environment friendly high density insulation with advanced high capacity compressor helps in safe & accurate temperature management for sensitive biological samples. Full glass door helps in convenient view of stored samples along with forced air circulation system to ensures uniform temperature across the chambers. Adjustable trays helps to optimize the storage space for samples of varied sizes.



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SeroCool Series



Microprocessor Based
Precise Temperature Control



CFC Free Refrigerant
& PUF Insulation



Efficient Refrigeration
Quick Temperature Pull Down



Microprocessor Based Auto-defrost
Moisture Resistant Glass Door



Menu Driven Settings
Data Encryption & Protection



Ergonomically Designed
User Friendly Controls & Alarms



Intelligent Forced Air Blower
Temperature Uniformity $\pm 1^{\circ}\text{C}$



Energy Efficient
Long Temperature Holdover



4" LCD Display



Trolley (Optional)

Technical Specifications				
Parameters	SeroCool 200	SeroCool 300	SeroCool 400	SeroCool 500
Capacity (liters)	200	300	400	500
Internal dimensions W x D x H (mm)	420 x 485 x 1243	500 x 540 x 1384	500 x 540 x 1634	560 x 608 x 1690
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 Setting Range	$1^{\circ}\text{C} \sim 10^{\circ}\text{C}$ (Adjustable)			
Display	4" LCD			
No. of Trays	3	4	5	6
No. of Door (Glass)	1	1	1	1
Insulation	50 mm thick PUF CFC / HCFC Free			
Supply	220-240 V, 50 Hz, Single Phase			