

REFRIGERATORS & ULTRA-LOW FREEZERS



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Upright Biomedical Freezers -25°C IUMF-200 have been designed to maintain a temperature range of -10°C to -25°C. Single door low-temperature freezer as they contain shelves and draws, letting foods to be quickly sorted. Available with maximum capacity up to 263L, and 322 L. Equipped with automatic magnetic sealed door closes to ensure and heightens the refrigeration performance and operational reliability, and password protection to control operating parameters from being modified, Robust and durable framing, antibacterial powdered inner and outer surface, refrigeration system uses highly efficient and eco-friendly and fluorine-free refrigerant. Rechargeable battery, which can display the main information such as alarm and the internal temperature of the cabinet when the main power is cut off and mechanical lock to ensure safety.

Cooling System

- Upright single door comes with stable and consistent internal cabinet temperature, with fast temp recovery after opening and closing the door
- Available temperature range: - 10°C to - 25°C
- Polyurethane foam insulation with thickness up to 80 mm
- Evaporator copper tube embedded in a foam layer to prevent corrosion and to ensure heat transfer efficiency
- Special designed compact finned condenser for better efficiency
- Independent inner door to minimize leakage of cold air, ensuring uniform temperature within the refrigerator
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Safety

- The magnetic sealed door automatically closes to ensure and heightens the refrigeration performance and operational reliability
- Password protected control setting to prevent any unnecessary operating parameters from being modified Sturdy and durable overall frame structure
- Antibacterial powdered inner and the outer surface
- Refrigeration system uses highly efficient and environmental friendly fluorine-free refrigerant
- Controller equipped with a rechargeable backup battery, which can display the main information such as alarm and the internal temperature of the cabinet when the main power is cut off
- Built-in mechanical lock to ensure the safety of stored items
- Built-in Castors for easy relocation when needed
- Safe mode activates in the event of temperature sensor failure, ensuring the safe storage of items in the box

Temperature control and safety monitoring

- Come with a temperature accuracy of 0.1°C and alarm mode: buzzer and flashing lights
- Digital temperature display
- High and Low temp, doors alarm, Power failure alarm
- The record displays Date, Time, Min, and Max Temp.
- The controller displays real-time temperature and alarm codes for easy use Ease of Operation
- Standard testing ports on the right side for easy access to external test tools
- Castors wheels for ease of moving
- Door frame can be heated to reduce condensation
- Adjustable shelvings and Dip-treated shelf, effective in preventing rust and corrosion
- Buzzer alarm can also be set to mute if required
- A backup battery is charged while the refrigerator is in operation and its reusable characteristics minimize the adverse effects on the environment.
- Displays the real-time operating status of the refrigerator on larges screen of the controller for easy of reading

