

REFRIGERATORS & ULTRA-LOW FREEZERS



 cs@irisanalytical.com

 +1 706 760 4500

 www.irisanalytical.com





We have a robust design and official equipment, Upright Freezers -40°C of top-quality products that need a minimum of routine maintenance and are produced by high-volume procedures. Our Upright Freezers features with organization shelves and baskets, and require very less space to install. Build-in refrigeration system, which is high-efficiency and eco-friendly along with condenser designed to maintain temperature stability and refrigeration system reliability. Equipped with an audible and visual alarm system including sensor failure alarm, door-opening alarm, high temperature or low-temperature alarm, etc. makes it safer for storage; the turn-on delay and stopping interval defense function can ensure reliability in function mode.

Design to protect products sample to accommodate large volumes samples by providing a range of single door and double door upright freezers and available with operating temperature range up to -20°C to -40°C to fit your requirements.

Upright Deep Freezers -40° IUDF-200 Series

Upright Deep Freezers -40°C IUDF-200 Series is well organized single door low-temperature freezer as they contain shelves and draws, letting foods to be quickly sorted. The maximum capacities up to 263L and 322L with a temperature range of -30°C to -40°C. 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. Furnished with a 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 Built-in 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: - 30°C to - 40°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

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 an 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
- Buzzing 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 real-time operating status of the refrigerator on larges screen of the controller for easy of reading

Double Door Deep Freezers -40° IUDF-200D

Double Door Deep Freezers -40°C IUDF-200D is a double door with dual compressors and chambers, which allows you to control the upper chamber and lower chamber autonomously. Our IUDF-200D is energy efficient, noiseless, and reliable which combines the maximum consistency and higher working performance with cost-effective operation and advanced features. The maximum capacity is up to 450L. Microcomputer temperature control system to set the inner temperature at the range of -20°C to -40°C. The built-in protective seal door to maintain a constant temperature and is easy to clean. The low temp freezer is best for the storage of various medical and scientific materials, including blood plasma, reagent, and more.



- Equipped with a broad range of capacities: 531 L
- Microprocessor-based temperature controller
- CE certified
- Temperature Range: -10 to -40°C
- Digital display with the high precision value
- Equipped with compressor, fan electromotor with EBM and unique refrigeration circulation and unipolar compressor oil-lubricated technology
- Multiple alarm and back-up battery
- Eco-friendly refrigerators: R290
- Available with the door lock, inventory boxes, insulation, shelves, ampoule, casters, compressor, fan motor
- Lower energy consumption and heat emission cost with the low noise level
- Covering with PCM and Aluminum plate with spraying and ABS drawers
- Lower energy consumption and heat emission cost with low noise level
- Standard USB for data transfer and storing information
- Build-in thermal insulating foamed door to prevent loss of refrigerating capacity in an effective way
- CFC-free polyurethane material to improve heat insulating performance to a large extent
- Compatible with the audible and visual alarm system
- Provide keyboard lock function to prevent any adjustment of operating parameters without access
- Equipped with the opaque door handle to prevent damage during transportation and save space

