

REFRIGERATORS & ULTRA-LOW FREEZERS



 cs@irisanalytical.com

 +1 706 760 4500

 www.irisanalytical.com





We supply Laboratory Refrigerator for storing whole blood, plasma, serum, cell lines, sensitive stem cells, and other biological samples in scientific, medical and laboratory applications. Design with many alarms system, temperature monitoring control systems and many other useful features. Build- in audible buzzing alarm in case of power failure, visual flashing light are optional, and the cabinet is constructed of dual transparent insulated glass door, display interface locking doors, door open alarms and many more.

Our blood bank, medical and pharmacy refrigerator products used in the various areas, which will allow you to access the suitability of many products for a specific application. We not only deal our manufactured products similarly we also offer a range of products from our strategic partners giving you a wide and varied choice of products. To adjust the temperature be sure the system is plugged into the power source.

Blood Bank Refrigerator

Blood Bank Refrigerator ($4\pm1^{\circ}\text{C}$) is purpose-built to encounter and provide guidelines for storing blood and biological products. Build-in special compressor to provide rapid cooling and quiet performance. Every blood bank refrigerator of Iris has the features for storage of blood product preservation, such as controlled by a microprocessor, flexible storage capacity, and uniformity. These products are used in hospitals, blood banks to maintain freshness and reliability of blood and blood components. Leading to quick pull down, prompt temperature recovery and uniformity, simplify processes and increase accuracy with our high-performance refrigerators.



Blood Bank Refrigerator IUBR-1000 Series

Blood Bank Refrigerator IUBR-1000 Series used to store blood platelet, biological reagent, and chemical products in hospitals, blood banks, R&D applications. Can record the 2 temperature range including 20 to 24°C and 2 to 40°C when plugged into the power source with a maximum capacity of 5 to 10 L. Intuitive two alarming of audible buzzing and visual flashing light, dual transparent insulated glass door, and display interface provides navigation to feature user interface design easily. It required no defrosting consequently the temperatures inside are preserved and maintained during the storage period. Optional and standard accessories are available.



- Disinfection with UV light and wide voltage from 187 V to 242 V
- Door-activated ON/OFF switch and self-regulating switch on the panel
- Positive, forced-air circulation maintains temperature uniformity throughout
- SUS oscillator, mirror surface SUS shelves, box foamed with high-density non-CFC material
- Equipped with audible buzzing and visual flashing light type alarm system
- High and low-temperature alarms/Sensor error alarm/Power failure alarm/Door ajar alarm/Low battery alarm
- Assure inner temperature uniformity by an intelligent controlled fan with forced cycle system
- Compressor with CFC-free refrigerant and condenser fan
- Evaporator to speed up the cooling process, security, and durability
- Adjustable shelves, increase space utilization; blood storage baskets

Accessories

- UV Light

Optional Accessories

- Testing hole
- Temperature Recorder

Blood Bank Refrigerator IUBR-2000 Series

Blood Bank Refrigerator IUBR-2000 Series equipped with an advanced automatic defrost sensor to manage the defrost cycle with capacities of 4/66 and 12/132 blood bags with volumes of 450 ml. Intuitive two alarming of audible buzzing and visual flashing light, dual transparent insulated glass door, and display interface provide navigation to feature user interface design easily along with 5 alarm conditions including high/low temperature, power failure, voltage abnormal, door ajar, backup battery. Ergonomic design offers a clear view of stored items over large framed openings. The thin shape allows for cool recovery of your products, without the concern for swinging door clearances. Customers can choose from two types of interior shelving to suit their needs, security and safety lock to avoid unwanted access, provide storage space for easy sorting of a variety of blood products, and casters design and interior light.



- Automatic defrost maintains the optimum cooling capacity
- Designed with an acrylic inner small door,
- Door-activated ON/OFF switch and self-regulating switch on the panel also glass door with electric heat reduces condensation
- Excellent battery back up
- Positive, forced-air circulation maintains temperature uniformity throughout
- Regular cabinet temperature up to 2-6°C
- Equipped with audible buzzing and visual flashing light type alarm system
- Multiple alarm system for safe and consistent process
- Assure inner temperature uniformity by an intelligent controlled fan with forced cycle system
- Assure safety by unwanted access
- Caster design and interior light
- Excellent durability and reliability

Accessories

- 2, 4, 6 inner doors
- Testing hole
- Outdoor latch
- Light
- Thermal printer

Optional Accessories

- Remote alarm
- Recorder temperature Recorder

Blood Bank Refrigerator IUBR-3000 Series

Blood Bank Refrigerator IUBR-3000 Series is designed with the unique needs of the blood bank environment in mind and safely store types of blood with high-quality large chamber temperature uniformity and quick recovery with a heavy-duty, air-cooled refrigeration system and AT up to 16 to 32°C, ant 5 to 35°C. The cabinets are constructed with inner stainless steel with outer finishing SPCC steel with powder coating for easy formability and a smooth, clean surface and provide high tensile strength. The available capacities are 88 L, 268 L, 358 L, and 588 L and defrost automatically and blood capacities of 54, 135, 150, and 280 blood bags with volumes of 450 ml. Our IUBR-3000 Series are available in opaque and transparent doors facilities and temperature controlled using a microprocessor for blood storage at a temperature range of $4\pm1^{\circ}\text{C}$.



- CE certified series
- Anti-condensation heating function door
- LED, LCD, and digital display
- Available size: 88 L, 268 L, 358 L, and 588 L
- Model No.IBBR-410-268L comes with auto defrost, and force defrost features
- Features with 5 dip-coating shelves and 4 casters for easy moving
- The alarm function is available for audible and visual alarm system comes with alarm functions for high temperature, low temperature, sensor fault, door opening, and power failure
- Eco-friendly Freon free refrigeration
- Advanced air cooling design, precision temperature control, safeguarding the security of blood
- Furnished with stainless steel inner container, copper tube evaporator, powerful refrigeration
- Designed with compressor, EBM fan motor
- Baskets for blood storage and printer optional

Optional Accessories

- Baskets for blood
- Printer

Double Door Blood Bank Refrigerator IUBR-4000D Series

Double Door Blood Bank Refrigerator IUBR-4000D Series is engineered for precise temperature control with a range including 20 to 24°C when plugged into the power source with a maximum capacity of 658 L, and 1008 L and defrost automatically and blood capacities of 36/360 and 12/576 blood bags with volumes of 450 ml. Lead with a great forced air R134a refrigeration system with air cooler chiller distribution delivers cold air to different levels within each side of the storage chamber, ensuring consistent cabinet wide cooling.



- Automatic defrost maintains the optimum cooling capacity
- Designed with an acrylic inner small door,
- Door-activated ON/OFF switch and self-regulating switch on the panel also glass door with electric heat reduces condensation
- Excellent battery back up
- Positive, forced-air circulation maintains temperature uniformity throughout
- Regular cabinet temperature up to 2 to 6°C
- Equipped with audible buzzing and visual flashing light type alarm system
- Multiple alarm system for safe and consistent process
- Assure inner temperature uniformity by an intelligent controlled fan with forced cycle system
- Assure safety by unwanted access
- Caster design and interior light
- Excellent durability and reliability

Accessories

- 2, 4, 6 inner doors
- Testing hole
- Out door latch
- Light
- Thermal printer

Optional Accessories

- Remote alarm
- Recorder temperature Recorder

Medical Refrigerator

Our Medical Refrigerator 2 to 20°C solutions enable health care products to get closer to customers and serve the best quality and safety in medical, reagents, biological, vaccine, blood samples in medical, electronics, chemicals, R&D, food processing. Provide a wide array of advanced medical automation and technology; mend patient care, and safety.



Medical Refrigerator 2 to 20°C IUMR-1000

Medical Refrigerator 2 to 20°C IUMR-1000 embedded with evaporator copper tube in a foam layer to prevent corrosion, to ensure heat transferring efficiency and glass door, different designed compact finned condenser for better efficiency. The maximum capacities of 317 L and defrost automatically. Build-in inner fan-driven and forced-draft air circulation system provide excellent temperature uniformity. Build-in microprocessor controller to certify tolerances of internal temperatures. Equipped with buzzer and flashing lights, power failure alarm, doors open alarm, high and low-temperature alarm.



- Cooling System provide stability and consistency to internal cabinet temperature with quick temperature recovery
- Temperature range: 2 to 20°C and polyurethane foam insulation with thickness 80 mm
- With evaporator copper tube embedded in a foam layer to prevent corrosion and to ensure heat transferring efficiency and different designed compact finned condenser for better efficiency
- With inner door to minimize leakage of cold air, ensuring uniform temperature within the refrigerator
- Automatic magnetic sealed door to ensure and improves the refrigeration performance and working consistency
- Provide a password to prevent any unwanted access parameters from being modified
- Constructed with antibacterial powdered inner and the outer surface
- Uses high efficient refrigeration system and eco-friendly and fluorine-free refrigerant
- Rechargeable battery backup to 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 and castors for easy moving
- Temperature stability $\pm 1.5^{\circ}\text{C}$
- Temperature accuracy of 0.1°C
- Alarm mode: buzzer and flashing lights, Power failure alarm, doors open alarm, high and Low-temperature alarm
- The record displays Date, Time, Min, and Max Temp.
- The controller displays real-time temperature and alarm codes for easy use
- Wide double layer window for easy observation
- LED lamp power switch together with control panel and Adjustable shelves

Double Door Medical Refrigerator 2 to 20°C IUMR-2000D

Double Door Medical Refrigerator 2 to 20°C IUMR-2000D with dual-layer opening and 10 shelves for easy observation and storage of samples. The IUMR-2000D comes with the same design and features as IUMR-1000 having double doors instead. The maximum capacity of 662 L and 997 L and defrost automatically. Build-in inner fan-driven and forced-draft air circulation system provides excellent temperature uniformity. Build-in microprocessor controller to certify tolerances of internal temperatures. Equipped with buzzer and flashing lights, power failure alarm, doors open alarm, high and low-temperature alarm.



- Cooling System provides stability and consistency to internal cabinet temperature with quick temperature recovery
- Temperature range: 2 to 20°C and polyurethane foam insulation with thickness 80 mm
- With evaporator copper tube embedded in a foam layer to prevent corrosion and to ensure heat transferring efficiency and different designed compact finned condenser for better efficiency
- With inner door to minimize leakage of cold air, ensuring uniform temperature within the refrigerator
- Automatic magnetic sealed door to ensure and improves the refrigeration performance and working consistency
- Provide a password to prevent any unwanted access parameters from being modified
- Constructed with antibacterial powdered inner and the outer surface
- Uses high efficient refrigeration system and eco-friendly and fluorine-free refrigerant
- Rechargeable battery backup to 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 and castors for easy moving
- Temperature stability $\pm 1.5^{\circ}\text{C}$
- Temperature accuracy of 0.1°C
- Alarm mode: buzzer and flashing lights, Power failure alarm, doors open alarm, high and Low-temperature alarm
- The record displays Date, Time, Min, and Max Temp.
- The controller displays real-time temperature and alarm codes for easy use
- Wide double layer window for easy observation
- LED lamp power switch together with control panel and Adjustable shelves

Pharmacy Refrigerator

We offer a wide range of Pharmacy Refrigerator designed to maintain the internal temperature control between 2 to 8°C along with a built-in fan, locks fitted as standard, automatic defrost and available with solid transparent door options ensure you are getting the best refrigerator purpose-built for the storage of your products to store products like reagents, pharmaceutical compounds, laboratory-grade product, medical compounds, medicinal products in pharmaceutical industries, medicals, research laboratories, etc. With a broad range of models available from single to large double door models, you will be able to find a model to meet your drugstore essentials. It's microprocessor system temperature accuracy and temperature adjustment up to 0.1°C.



Upright Pharmacy Refrigerator 2 to 8°C IUPR-1000 Series

Upright Pharmacy Refrigerator 2 to 8°C IUPR-1000 Series with transparent door design for easy observation with temperature range 2 to 8°C, and forced air R600a and R134a refrigeration system with air cooler chiller distribution delivers cold air to different levels within each side of the storage chamber, ensuring consistent cabinet wide cooling with adjustable shelves are adjustable to any height and to fulfill different requests. Ergonomic design offers a clear view of stored items over large framed openings. The thin shape allows for cool recovery of your products, without the concern for swinging door clearances. Customers can choose from two types of interior shelving to suit their needs, security and safety lock to avoid unwanted access, provide storage space for easy sorting of a variety of blood products, and casters design and LED interior light.



- Cooling fan is permanently lubricated for long life
- Temperature range is up to 2 to 8°C
- Adjustable shelves and LED interior light, caster design
- Automatic defrost maintains optimum cooling capacity
- Improved refrigeration system design for more operative cooling and quick recovery
- Designed with 1 glass door with heating reflect reduces condensation
- Excellent battery back up
- Positive, forced-air circulation maintains temperature uniformity throughout
- Temperature variation within $\pm 3^{\circ}\text{C}$
- High-efficiency field compressor with known field consistency
- Equipped with audible buzzing and visual flashing light type alarm system
- Multiple alarm system for safe and consistent process
- Assure inner temperature uniformity by an intelligent controlled fan with forced cycle system
- Assure safety by unwanted access and pharmaceutical products of many types
- Excellent durability and reliability

Double Pharmacy Refrigerator 2 to 8°C IUPR-2000D Series

Double Pharmacy Refrigerator 2 to 8°C IUPR-2000D Series are 10 shelves refrigerators that are always a spectacular addition to pharmaceutical laboratories, and they are remarkably economical. This allows us a reliable and regular development of our pharmaceutical refrigerators. Each unit consists of a robust housing and quality constituents provide reliability and durability. Ergonomic design offers a clear view of stored items over large framed openings. The thin shape allows for cool recovery of your products, without the concern for swinging door clearances. Customers can choose from two types of interior shelving to suit their needs, security and safety lock to avoid unwanted access, provide storage space for easy sorting of a variety of blood products, and casters design and LED interior light.



- The cooling fan is permanently lubricated for long life
- Temperature range is up to 2 to 8°C
- Adjustable shelves and LED interior light, caster design
- Automatic defrost maintains the optimum cooling capacity
- Improved refrigeration system design for more operative cooling and quick recovery
- Designed with 1 glass door with heating reflect reduces condensation
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- Assure inner temperature uniformity by an intelligent controlled fan with forced cycle system
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- Excellent durability and reliability

