

# Product Portfolio



Your Haier Biomedical Partner

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Note: If a slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation of this brochure, please contact us for any further information if required.

**Note:**

- |  |   |
|--|---|
| Products with CE Certification.          | Products are manufactured with Touch Screen.            |
| Products with NSF Certification.         | The WHO Performance, Quality and Safety (PQS).          |
| Products with Energy Star Certification. | CCEOP Eligible.   |
| Medical Device Regulation.               | Products are manufactured with Hydrocarbon Refrigerant. |
| Food and Drug Administration.            | Food and Drug Administration 21 CFR Part 11.            |
| Underwriters Laboratories.               | Medical Device Directive.                               |
| UK Conformity Assessed.                  | In Vitro Diagnostic Medical Devices Regulation.         |





Founded in 1984, Haier Group is a leading global provider of better life and digital transformation solutions. Based on the purpose of "More Creation, More Possibilities", we are committed to co-create infinite possibilities for a better life with users, and to co-create infinite possibilities for industrial development with the ecological partners.

Being an iconic company in the real economy, we've always been user centered, adhered to original technology and built a landscape of three pillars, Smart Living, Comprehensive Health and Industrial Internet. We have built 10 R&D centers, 71 research institutes, 35 industrial parks, 143 manufacturing centers and a sales network of 230,000 nodes around the world. We are the world's only IoT Ecosystem Brand that has been ranked in the Kantar BrandZ Top 100 Most Valuable Global Brands for six consecutive years. Additionally, we have ranked among the Top 10 in the Google & Kantar BrandZ Chinese Global Brand Builders for eight consecutive years, held the No.1 position in Euromonitor's Global Major Appliances Brand for 15 consecutive years, and have been selected as one of The World's 500 Most Influential Brands by the World Brand Lab for twenty consecutive years.



We have six listed companies, and our subsidiary Haier Smart Home is named among the Fortune's Global 500 and World's Most Admired Companies. We have several global premium brands, including Haier, Casarte, Leader, GE Appliances, Fisher & Paykel, AQUA and Candy, and have the world's first smart home Scenario Brand, SAN YI NIAO. We have built the world-leading industrial Internet platform COSMOPlat and the comprehensive health industry ecosystem Incaier.

We believe: More collaboration will happen when more boundaries are broken, and more valuable relationships are established. Only then will the future of the world be filled with infinite wonderful possibilities.

\*Data as of November 2024



**10+N**  
R&D Centers

**126**  
Marketing Centers

**35**  
Industrial Parks

**143**  
Factories

**200+**  
Countries or Regions



# About Haier Biomedical Company Profile

Haier Biomedical was established in 2005 and listed on the Science and Technology Innovation Board of the Shanghai Stock Exchange in 2019 (stock code: 688139). The Company aims to create the best user experience for a wide range of user groups such as hospitals, biotechnology enterprises, universities & colleges, scientific research institutions, centres for disease control and prevention, plasma stations, and primary public health authorities. The Company mainly engages in two major business fields: life sciences and medical innovation. It provides comprehensive digital solutions with multiple types of products and services for scenarios including smart laboratories, smart compliance pharmaceuticals, digital hospitals, smart public health, and smart blood distribution.

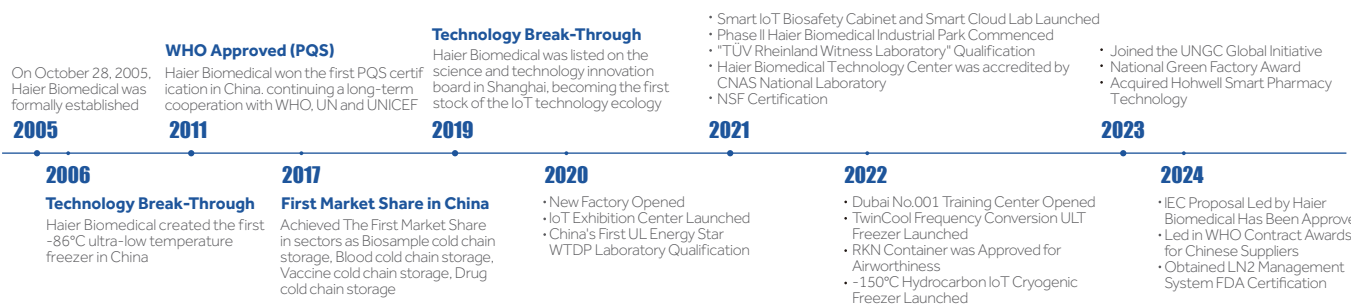
Leveraging industry-leading technologies, the Company has promoted scientific and technological innovation and led industrial reform. Through successive breakthroughs in low-temperature biomedical technology, our company has maintained its international leadership in relevant research and development as well as industrialization. With ongoing investments in research and development, we have continuously achieved breakthroughs in core technologies and expanded our business into areas such as biological culture, centrifugal preparation, laboratory consumables, and in-hospital pharmacy services. Building on this foundation, we have pioneered transformative methods in the biomedical industry. This includes integrating emerging technologies like the Internet of Things (IoT) and cloud computing, as well as launching innovative comprehensive solutions for digital applications such as smart blood distribution and smart vaccination. These solutions have expanded into areas like smart laboratories, automated in-hospital pharmacy services, and public health screenings, reshaping the landscape of the industry.

As of the end of the reporting period, Haier Biomedical has established 6 technical platforms, owned a total of 1,321 authorized patents and 296 software copyrights, led or participated in the release of 1 international standard, 18 national and industry standards, 2 local standards, 17 group standards, and 2 CQC certification technical specifications. In addition, 32 achievements have

reached the international leading level. Moreover, the Company has 28 items with more than 800 models of Class II and Class III medical device registration certificates, among which more than 200 models obtained the EU CE certification, more than 60 models obtained the US FDA certification, and more than 130 models obtained the US UL certification. Products certified under 21 items with 36 models were selected as excellent domestic medical equipment.

Haier Biomedical's products and solutions have been applied in more than 150 countries and regions worldwide, with our reach expanding all the time. In the domestic market, the Company has served tens of thousands of end users in the medical and health field, including hospitals, biotechnology enterprises, universities & colleges, scientific research institutions, centres for disease control and prevention, plasma stations, and testing institutions. Well-known customers in China include the Shanghai Ruijin Hospital, Wuxi Apptec, Shanghai Fudan University, China Centre for Disease Control and Prevention, Hualan Biological, Hengrui Pharmaceutical, and Fosun Pharmaceutical. The Company's international network is continuously expanding; as of the end of the reporting period, over 800 resell partners have joined the distribution network. To cultivate localized operations, the Company has established overseas operation centres, including the user experience and training centres in Dubai, Nigeria, and the UK and warehousing and logistics centres in the Netherlands and US. In addition, the Company has maintained long-term cooperative relationships with more than 60 international organizations such as the World Health Organization (WHO) and the United Nations Children's Fund (UNICEF).

## Haier Biomedical Development Stages:





-150°C Cryo Freezer  
Model: DW-150W209(A)



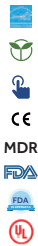
- Safe, more convenient, and economical, compatible with LN<sub>2</sub> (optional)
- Adjustable temperature range of -140°C to -150°C
- Environmentally friendly HC refrigerants
- Microprocessor control system with clear LCD display
- Multiple alarms for safety and sample protection

RFID ULT Freezer  
Model:DW-86L728BPSTR



- Effortlessly locate and inventory sample tubes without the need to open the door
- Achieve accurate and swift recognition with a 3-second automatic identification process for sample information and location
- Save time and effort with a single click inventory feature that completes within 5 seconds
- The dual refrigeration system features double independent HC refrigeration units, both capable of maintaining -80°C

-86°C TwinCool Frequency Conversion ULT Freezer  
Models:DW-86L828BPST/728BPST/578BPST



- Dual refrigeration system, double safety, and optimal reliability
- Intelligent frequency conversion technology and HC refrigeration system ensure low energy consumption
- Low noise design
- Optional IoT software system

-86°C Frequency Conversion ULT Freezer  
Models:DW-86L959BP(T)/829BP(T)/729BP(T)/579BP(T)



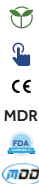
- Intelligent frequency conversion technology
- Ultra low power consumption
- Temperature uniformity of ±3°C (setting temperature at -80°C)
- Standard LED (BP) and Touchscreen (BPT) models available
- Optional IoT software system

-86°C UltraEco ULT Freezer  
Models:DW-86L730BPT/DW-86L830BPT



- Lowest energy consumption in the ENERGY STAR ranking
- The temperature uniformity within the chamber can be maintained within ±2°C at 20°C ambient
- Great improvement in the warm-up time and door opening recovery time
- Improved pressure relief port (PEP) enables re-entry in just 60 seconds

-86°C Water-Cooled ULT Freezer  
Models: DW-86L959W/828W



- Water cooled ULT freezers use less energy and heat emissions are reduced by 90%
- Temperature uniformity of ±3°C (setting temperature at -80°C)
- Intelligent control system
- 10-inch large LCD capacitive screen
- Multiple alarm protection with USB and remote alarm connectivity

-86°C Standard Low Energy ULT Freezer with LCD Touchscreen  
Models: DW-86L829/729/579/419



- 10-inch touchscreen with single version inventory management allows users to easily record item locations, entry and exit records for intelligent stock management
- Temperature uniformity ±4°C (setting temperature at -80°C)
- Equipped with an intelligent temperature monitoring system, real-time temperature data monitoring function (optional) and multiple safety alarm system
- Advanced hydrocarbon energy saving refrigeration technology

-86°C Standard Low Energy ULT Freezer with LED screen  
Models:DW-86L828J(A)/728J(A)/628E/486E/578J(A)/490J(A)/388J/338J(A) & DW-86W420J(A)/100J



- Standard low energy models utilising hydrocarbon energy saving refrigeration technology
- Temperature uniformity of ±5°C (setting temperature at -80°C)
- Microprocessor controller with multiple alarms
- Remote alarm contacts and USB interface as standard
- Large selection of sizes and configurations to meet most requirements, from 100L to 828L

-86°C Under Counter Low Energy ULT Freezer

Model: DW-86L100J



- Microprocessor controller with LED display and multiple alarms
- Optimized auto-cascade refrigeration technology (single compressor)
- On or under-counter stackable design
- Low noise design
- Optional IoT module

Stirling Compact ULT Freezer

Model:DW-86L100STL



- Featuring a space-saving design, it offers full-performance ULT storage for benchtop setups, stacked arrangements, or undercounter installations.
- Ideal for precisely regulated temperature changes across an expansive set point range of -86°C to -20°C, maintaining a temperature uniformity of  $\leq \pm 2^\circ\text{C}$
- Adopting 100% natural refrigeration technology, which is more environmentally friendly
- Optimized for energy efficiency delivering a power consumption of just 3 kWh/day at -80°C
- The sound level is  $\leq 46\text{dB (A)}$ , creating a quiet environment

-86°C ULT Freezer

Model: DW-86L51J



- Ergonomic & user friendly design
- Hydrocarbon energy saving
- Safe, secure and reliable
- Microprocessor control system
- Tool-free removable filter design
- Multiple data ports

Mini ULT Freezer

Model: DW-80WZ15



- High quality HC high-efficiency compressor, energy saving and environmental friendly
- Superior uniformity and insulation performance
- One Unit for Multiple Applications
- Hidden metal handle, safe and durable, easy to carry

U-Vault Flex80 Smart Modular Fully Automated ULT Sample Storage

Model: HAB80-60K1/60K2



- Uniform and stable ULT storage
- Fully automated sample picking and tracking
- Multiple safety measures to ensure sample safety
- Fully featured real-time control system

CO<sub>2</sub> Backup System

Model:HBX-IC



- Provides back-up in event of ULT failure to control cabinet temperature
- User adjustable temperature setting and low CO<sub>2</sub> level alerts
- Small footprint, top mounted design
- Suitable for almost all types of ULT freezer

LN<sub>2</sub> Backup System

Model:HBX-IIA



- Interlocked design to turn off the LN<sub>2</sub> injection when the door is opened
- Light weight and portable design, suitable for installation on top of a freezer
- Alarm functions include low battery and sensor error

Consumables for ULT Freezer (category)



- SBS (Styreneic Block Copolymers) racked 2d cryogenic vial
- Innovative cryogenic vial
- Conventional cryogenic vial
- Freezer boxes
- Freezer racks
- PCR consumables

-60°C Biomedical Freezer

Models: DW-60W388/258/138



- -60°C deep freezing
- Auto-cascade refrigeration technology
- Energy saving and environmentally friendly refrigeration technology
- Super quiet high-efficiency compressor
- Polyurethane and VIP construction
- Superior thermal insulation performance

-40°C Smart Frequency Conversion Freezer

Model: DW-40L959BP(T)



- The temperature uniformity is  $\pm 3^\circ\text{C}$  with the setting temperature of -40°C
- Standard LED (BP) and Touchscreen (BPT) models available
- Large capacity (700 2-inch box) to accommodate the multiple storage needs
- High-efficiency and energy-saving compressor and system

-40°C Smart Frequency Conversion Freezer  
Model: DW-40L818BP(T)



- Superior temperature uniformity of  $\pm 3^{\circ}\text{C}$  in a large storage space
- Standard LED (BP) and Touchscreen (BPT) models available
- Low noise design
- High-efficiency and energy-saving compressor and system

-40°C Biomedical Freezer  
Model: DW-40L568J



- Large 568L freezer with adjustable shelves and optional freezer racks for plasma bag storage
- Optimized energy-saving hydrocarbon refrigeration system
- Super quiet high-efficiency compressor
- Temperature uniformity of  $\pm 4^{\circ}\text{C}$  (setting temperature at  $-40^{\circ}\text{C}$ )
- Structural noise reduction design

-40°C Biomedical Freezer  
Models: DW-40L528D(A)/418D



- Double door design and adjustable storage shelf height for more convenient use
- The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with the setting temperature of  $-40^{\circ}\text{C}$
- High efficiency hydrocarbon compressor and refrigeration technology for a lower energy consumption

-40°C Biomedical Freezer  
Model: DW-40L298J(A)



- The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with the setting temperature of  $-40^{\circ}\text{C}$
- Hydrocarbon Environmentally Friendly
- Energy saving hydrocarbon technology
- Multiple alarms ensure the safety of the stored samples

-40°C Biomedical Freezer  
Models: DW-40L262/92



- Energy saving and environmental protection
- Low noise design
- Fast pull down and recovery times
- Multiple alarms

-40°C Biomedical Freezer  
Models: DW-40W380J/255J/138J



- Standard biomedical freezers with direct cooling and manual defrost
- Reliable temperature control and performance
- Multiple alarms
- Non-toxic, environmentally-friendly hydrocarbon refrigerants

-30°C Biomedical Freezer  
Model: DW-30L818



- High-efficiency and energy-saving compressor and refrigeration system
- Superior temperature uniformity of  $\pm 3^{\circ}\text{C}$  (setting temperature at  $-30^{\circ}\text{C}$ )
- Green and environmental friendly
- Low noise level

-30°C Biomedical Freezer  
Model: DW-30L698



- A redesigned control panel features a revamped layout and updated icons, significantly improving user experience
- The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with the setting temperature of  $-30^{\circ}\text{C}$
- High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption

-30°C Biomedical Freezer  
Model: DW-30L528D




- High-efficiency and energy-saving compressor and system
- The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with the setting temperature of  $-30^{\circ}\text{C}$
- Adjustable storage shelf height to realize the efficient use of large space in the cabinet




-30°C Biomedical Freezer  
Model: DW-30L298J



- High-efficiency and energy-saving compressor and system
- Adjustable storage shelf height
- Superior temperature uniformity
- Multiple alarm functions


**-30°C Forced Air Cooling Biomedical**  
Model:DW-30L1280F(T)








- Dual system hydrocarbon refrigeration technology
- Intelligent defrosting technology safeguards the stability of storage temperatures
- Temperature uniformity of  $\pm 3^{\circ}\text{C}$  (setting temperature at  $-30^{\circ}\text{C}$ )
- Low noise design, 45.4 dB(A) for 220V/50HZ
- Optional blood basket storage racks to store up to 900 x 200ml blood bags
- Optional touchscreen


**-30°C Forced Air Cooling Biomedical**  
Model: DW-30L520F(T)










- Superior Temperature Uniformity of  $\pm 3^{\circ}\text{C}$
- Forced Air and Auto Defrost Design
- Green and Environmental Friendly
- High-efficiency and Energy-saving Compressor and System


**-30°C Smart Frequency Conversion Freezer**  
Model:DW-30L818BP(T)









- Energy saving with variable speed inverter technology and HC refrigeration
- Super low energy and low noise design
- Excellent temperature uniformity of  $\pm 3^{\circ}\text{C}$  in a large storage space (setting temperature at  $-30^{\circ}\text{C}$ )
- Adjustable shelves
- Standard LED (BP) and Touchscreen (BPT) models available


**-25°C Biomedical Freezer**  
Models: DW-25L262/92







- Direct cooling and manual defrost
- Environmentally-friendly and energy efficient hydrocarbon refrigeration
- Mechanical lock plus lock catch design
- Clear LCD display with multiple alarms
- Supplied with storage drawers


**-30°C Spark Free Freezer**  
Models:DW-30L298SF/FL







- Explosion proof interior
- Superior temperature uniformity of  $\pm 3^{\circ}\text{C}$  temperature of  $-30^{\circ}\text{C}$
- High-efficiency and energy-saving compressor and system
- Multiple alarm functions


**-25°C Spark Free Freezer**  
Model: DW-25L92SF







- Explosion proof interior
- Undercounter biomedical freezer
- High-efficiency HC compressor and optimized refrigeration system


**Pharmacy Refrigerator**  
Models: HYC-1378/610






- Standard pharmacy refrigerators with forced-air cooling
- Model HYC-1378 internal temperature uniformity  $\pm 2^{\circ}\text{C}$ ; HYC-610  $\pm 3^{\circ}\text{C}$  (setting temperature at  $5^{\circ}\text{C}$ )
- Condensation-free heated self-closing door
- Microprocessor controller with LED display with multiple alarms

**Chromatography Refrigerator**  
Model: HYC-1100C





- Large volume of 1100L
- Waterproof sockets provides power for mixers, shakers and other lab tools
- UV lamp ensures thorough sterilization within the chamber



Frequency Conversion Pharmacy Refrigerator  
Models: HYC-1099/1099F/509/509F



- Excellent temperature uniformity of  $\pm 2^{\circ}\text{C}$  (setting temperature at  $5^{\circ}\text{C}$ )
- Solid or glass door options
- Frequency conversion technology with adaptive control
- Environmentally-friendly and energy efficient HC refrigeration

Frequency Conversion Pharmacy Refrigerator with Touch Screen  
Models: HYC-1099T/1099TF/509T/509TF



- Intelligent and interactive touchscreen control
- Excellent temperature uniformity of  $\pm 2^{\circ}\text{C}$  (setting temperature at  $5^{\circ}\text{C}$ )
- Solid or glass door options
- Frequency conversion technology with adaptive control
- Environment-friendly and energy efficient HC refrigeration

Pharmacy Refrigerator  
Models: HYC-1031GDH



- True Humidity and temperature Control
- 35%~75% instantaneous humidity control
- Temperature uniformity  $\leq \pm 1.5^{\circ}\text{C}$ , safe storage
- Daily energy consumption of 2.8 kWh, saving 65% energy
- 39 Db, library level silent operation

Pharmacy Refrigerator  
Model: HYC-1031GD



- Self-closing door with magnetic gasket for positive seal
- Microprocessor controller, display with resolution of  $0.1^{\circ}\text{C}$
- Low energy consumption: 2.5 kWh/day

Pharmacy Refrigerator  
Model: HYC-1030GT



- Adjustable plastic-coated wire shelves for improved circulation and flexible storage
- Electromagnetic lock is standard to avoid unauthorized access
- 7 inch touch screen, easy to check the cabinet temperature, alarm & event records
- Anti-freezing thermostat is available to protect store items from freezing

Pharmacy Refrigerator  
Models: HYC-940/940F/390/390F/290



- Energy efficient design with inverter compressor technology and environment-friendly hydrocarbon refrigeration
- Large space, superior uniformity. The space is efficiently used, and the utilization rate is high and the temperature uniformity is  $\pm 3^{\circ}\text{C}$
- Optimised internal space design with multi-level adjustable shelves
- LED display with multiple alarms

Intelligent Reagent Refrigerator  
Models: HYC-639R



- Intelligent inventory management
- Accurate temperature control and reliable operation
- Full RFID signal coverage inside the refrigerator, 100% inventory accuracy
- 15.6 Inch Touchscreen

Pharmacy Refrigerator  
Models: HYC-639/410




- Forced air cooling for optimal temperature stability and uniformity  $\pm 2^{\circ}\text{C}$  (setting temperature at  $5^{\circ}\text{C}$ )
- HC refrigerant technology to ensure lower energy consumption
- LED temperature display with multiple alarms



Intelligent Reagent Refrigerator


Model: HYC-509R



- Intelligent inventory management
- Accurate temperature control and reliable operation
- Full RFID signal coverage inside the refrigerator, 100% inventory accuracy
- Frequency conversion energy saving

Pharmacy Refrigerator


Model: HYC-461GD



- Superior cooling performance, temperature uniformity  $\leq \pm 1.5^{\circ}\text{C}$
- Triple-paned tempered glass door with frame heater to reduce condensation
- A  $\phi 25\text{mm}$  probe access port is standard on side wall to accept user-provided monitoring equipment

Pharmacy Refrigerator


Model: HYC-309



- Eco-friendly hydrocarbon refrigerant (R600a) and CFC- free polyurethane insulation
- Microprocessor controller, digital display with  $0.1^{\circ}\text{C}$  resolution

Pharmacy Refrigerator


Models: HYC-130GD/130FD



- Excellent performance: temperature uniformity  $\leq \pm 1.5^{\circ}\text{C}$
- Hermetically sealed compressor, forced-air circulation and automatic defrost to ensure high cooling performance
- Microprocessor controller, display with resolution of  $0.1^{\circ}\text{C}$

Under-counter Pharmacy Refrigerator


Models: HYC-118/118A/68/68A



- High-efficiency hydrocarbon compressor and refrigerant
- Air cooling, with auto defrost for superior cabinet temperature uniformity
- Small size, fitting easily under the table
- Microprocessor control with LED and multiple-alarms, the backup battery lasts 8 hours after power failure
- Remote alarm terminal

Pharmacy Refrigerator


Models: HYC-85GD/85FD



- Excellent performance: temperature uniformity  $\leq \pm 1^{\circ}\text{C}$
- Hermetically sealed compressor, forced-air circulation and automatic defrost to ensure high cooling performance
- Microprocessor controller, display with resolution of  $0.1^{\circ}\text{C}$

Spark Free Freezer/Refrigerator


Model: HLRF-319SF



- High Performance Refrigerator: Forced-air cooling system with cycle defrost, temperature uniformity  $\pm 3^{\circ}\text{C}$  Optional USB interface, RS485 & printer, easy to get temperature record
- Microprocessor Controller with Digital Display
- ATEX Certified
- Multipurpose and Space Efficient One cabinet with two independent chambers, both are self-contained and independently controlled with individual doors

Spark Free Refrigerator

Models: HLR-310SF/310FL/310F/118SF



- $3\sim 16^{\circ}\text{C}$  setting temperature range
- Internal temperature uniformity  $\pm 3^{\circ}\text{C}$  (setting temperature at  $5^{\circ}\text{C}$ )
- One-touch search for historic data
- ATEX rated, certified spark-free

Combined Refrigerator and Freezer

Model: HYCD-469 (A)



- Temperature range: Refrigerator 2°C ~ 8°C and Freezer -10°C ~ -40°C
- Microprocessor temperature control accuracy 0.1°C (refrigerator) and 1°C (freezer)
- Separate doors for refrigerator and freezer with independent lock catches
- Multiple alarm functions
- Large LED screen display
- USB port
- Optional printer
- Four casters and two levelling legs

Combined Refrigerator and Freezer

Models: HYCD-282 (A)/319(A)



- Dual, independently controlled refrigeration and freezing systems
- Stainless steel interior
- The backup battery lasts 48 hours after power failure
- Remote alarm contacts
- USB interface for data download

Fluid Warming Cabinet

Model: HYR-111



- Fast heating speed , Variable power PTC heating module with fast heating speed and energy saving
- UV light sterilization in the cabinet with a variety of optional sterilization methods for effective prevention of possible contamination
- Multiple overheat protections , Electronic control + mechanical temperature control + overheat protection, multiple temperature control to ensure heating safety environmental friendly

Advanced Blood Bank Refrigerator

Models: HXC-1369/629(B)/429/149



- Consistent and reliable temperature performance of 4±1°C
- Frequency conversion technology with adaptive control
- Environment-friendly and energy efficient HC refrigeration
- NFC card module
- USB interface as standard with remote alarm in real time

Blood Bank Refrigerators

Smart Blood Bank Refrigerator

Models: HXC-1369T/629T(B)/429T/149T



- Smart touchscreen controller with NFC card access and optional fingerprint module
- Consistent and reliable temperature performance of 4°C ±1°C
- Frequency conversion technology with adaptive control
- Environment-friendly and energy efficient HC refrigeration

Automated Blood Bank Refrigerator

Models: HXC-629R/HXC-629RV/HXC-429R/HXC-429RV/HXC-149R



- Automatic RFID tag identification
- IoT management of input & output inventory
- Smart touchscreen controller with NFC card access
- Consistent and reliable temperature performance of 4°C ±1°C
- Frequency conversion technology with adaptive control
- Environment-friendly and energy efficient HC refrigeration

Unattended Self-service Blood Distribution Refrigerator

Models: HXC-629ZZ



- Self-service blood distribution
- Inventory management
- Energy conservation and low noise
- Authority management

Blood Bank Refrigerator

Models: HXC-629TR/1369TR



- Speed Control Condenser Fan
- Temperature inside the unit is controlled within 4±1°C with temperature control accuracy of 0.1°C
- Inverter Compressor

Unattended Self-service Blood Distribution Refrigerator

Models: HXC-629ZZ/HXC-149ZZ



- Electronic checking and bar code management
- Safe and reliable, making blood collection process traceable
- Real-time view and control of refrigeration operation



Blood Bank Refrigerator  
Model: HXC-279



- High quality DC compressor for better stability
- Ultra-long holdover, superior thermal insulation
- High-efficiency rapid refrigeration
- Standard USB interface, it can store 10 years of temperature data
- 5 separate inner doors to reduce rapid cold air loss

Blood Bank Refrigerator  
Model: HXC-279T



- Safe storage and optimum operation experience 60mm thick foam layer, superior insulation, ensuring the temperature is stable in the refrigerator; Five shelves and five inner doors design minimizes the cold loss
- Long insulation time Under full load and power off conditions, holdover time for 4°C to 6°C is more than 150 minutes, more secure
- Rapid refrigeration, high efficiency

Blood Bank Refrigerator  
Models: HXC-158B/158



- Frequency Conversion Compressor
- Adjustable Shelf And Basket
- Stainless Steel Drawer
- Condensation Free Design
- Automatic defrosting, defrosting water evaporates automatically

Blood Bank Refrigerator  
Model: HXC-106



- Multiple Protection Features
- Microprocessor control system designed to accurately control temperature at 4±1°C with an accuracy of 0.1°C

-30°C Plasma Freezer  
Model:DW-30L1280FT(smart)



- RFID Solution with real-time IoT technology
- Hydrocarbon refrigeration, efficient and quick
- NFC permission management system combined with an electromagnetic lock, controllable flow direction and traceable information

Plasma Blast Freezer  
Model: XSD-24FL



- High efficiency compressor and dual-cooling system, better performance
- Rapid-freezing temperature can be reduced to -60°C, superior performance
- Double sided touchable refrigeration method
- The central temperature of full-load plasma can be quickly frozen to below -30°C within 45 minutes, which effectively guarantees the activity of factor VIII
- Speed regulating fan & electric lifting system
- Whole process monitor of plasma quick freezing
- Traceability of each freezing cycle
- Printing and archiving functions

Plasma Blast Freezer  
Models: XSD-48WFL/24WFL



- Data is printable and the information is traceable
- Precise temperature control with precision of 1°C
- Plate rapid-freezing, efficient cooling
- Double layer for XSD-48WFL and monolayer for XSD-24WFL

Platelet Incubator with Agitator  
Models: HXZ-1369/149



- Precise temperature control
- Low noise
- Ultraviolet disinfection
- Superior insulation performance
- Energy saving

Plasma Apheresis System  
Models: XJ-III/XJ-II



- Intelligent identification, safe and effective error prevention system
- The whole process can be automatically monitored and managed
- Large touch screen, easy to operate
- Small footprint, movable and easy to use
- Optimized system and structural noise reduction design, low operating noise
- Optional cart facilitates the plasma's transfer
- Manual NaCl replenishment and automatic NaCl replenishment

Active Cooling Logistics Cold Chain Transport Cooler  
Model: HZY-40Z



- DC frequency conversion technology
- Tilt protection function
- Integrated rotational molding body
- Multiple power supply
- Supporting AC & DC power

Passive Cooling Transport Cooler for Biological Products  
Model: HZY-35B



- Utilises PCM ice packs and efficient ABS high-density insulation
- Maintains stable temperature of 2°C ~ 10°C
- At 43°C ambient or below maintains conditions for more than 8 hours
- Handle and casters for easy handling

Note:

CE Products with CE Certification. TS Products are manufactured with Touch Screen. NSF Products with NSF Certification. Energy Star Products with Energy Star Certification. HC Refrigerant Products are manufactured with Hydrocarbon Refrigerant.

WHO The WHO Performance, Quality and Safety (PQS). CCEOP CCEOP Eligible. MDR Medical Device Regulation. FDA Food and Drug Administration. FDA 21 CFR Food and Drug Administration 21 CFR Part 11. UL Underwriters Laboratories.

MD Medical Device Directive. UKCA UK Conformity Assessed. IVDR In Vitro Diagnostic Medical Devices Regulation.

Passive Cooling Transport Cooler for Biological Products

Model: HZY-5B



- Utilises PCM ice packs for cold chain transportation of blood and other biological products
- Efficient ABS high-density insulation
- Maintains stable temperature of 2°C ~ 10°C
- At 25°C ambient or below maintains conditions for more than 4 hours
- Access control integrated management software
- IoT enabled for real-time temperature data information and tracking

Active Cooling Transport Cooler for Biological Products

Model: HZY-15ZA



- For transportation of biological products 2°C ~ 10°C
- Economical and energy-efficient semi-conductor refrigeration
- Utilises PCM ice packs and high-density insulation
- At 25°C ambient or below maintains conditions for more than 2 hours (no power)
- Includes IoT enabled for real-time temperature data information and tracking
- NFC Unlocking

Active Cooling Transport Cooler for Biological Products

Models: HZY-15Z/8Z



- For transportation of biological products 2°C ~ 10°C
- Economical and energy-efficient semi-conductor refrigeration
- Utilises PCM ice packs and high-density insulation
- At 25°C ambient or below maintains conditions for more than 2 hours (no power)
- 12V DC power supply

Active Cooling Transport Cooler for Infectious Materials

Models: HZY-15Z/8Z (Specimen)



- Semiconductor active refrigeration
- 2~6°C accurate temperature controlling
- Embedded PCM ice pack at 4°C for cold storage
- Under 25°C no-load condition, the air temperature in the box rising to 10°C takes more than 1 hour
- Under 25°C loading, the air temperature in the box rising to 10°C takes more than 2 hours
- Multiple fault alarms

Active Cooling Transport Cooler for Biological Products

Model: HZY-8ZA



- For transportation of biological products 2°C ~ 10°C
- Economical and energy-efficient semi-conductor refrigeration
- Utilises PCM ice packs and high-density insulation
- At 25°C ambient or below maintains conditions for more than 2 hours (no power)
- 12V DC power supply
- Real time uploads of temperature and moisture information to cloud platform for inquiry through WIFI and 4G network.

Intelligent Control Cold Chain Transport Cooler

Models: BW50-12A/36A; BW25-12B/36B/64B; BW25-8A/12A/18A/36A/64A



- Manufactured with vacuum insulation panel insulation technology, stable performance
- Light weight with inlaid clasp, easy to carry
- Equipped with built-in handle for easy handling

Medical Transport Cooler

Models: FS-12/18/35/54LS/100L/110L



- High strength material, anti-collision, non-toxic and harmless, UV resistant
- Real-time display of temperature inside the cooler, making the temperature monitoring more intuitive
- Professional & innovative sealed design ensuring zero cold leakage to achieve safe, secure and reliable long-term cooling preservation

Portable Transport Cooler

Model: ALG50



- Low voltage battery protection
- LED lighting
- Widescreen LCD display
- Real-time voltage display
- Detachable temperature sensor
- Standard basket

Active Temperature Controlled RKN Container

Model: RKN-AT1



- Robust construction with advanced technology to ensure reliable quality and stable performance
- Prevent internal temperature deviation and ensure the temperature uniformity under extreme environmental temperature changes
- Superior internal temperature uniformity
- Cost-effective performance



Transport Cooler  
Models:BCD115/60



- Low voltage battery protection
- LED lighting
- Detachable temperature sensor
- Widescreen LCD display
- Real-time voltage display

Smart Vaccine Refrigerator  
Models: HYC-361/61



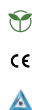
- The equipment is divided into 8 independent chambers. Only one of them needs to be opened each time to take the vaccine, so as to reduce the temperature fluctuation and keep the temperature constant from 2°C to 8°C to ensure the safety of the vaccine
- 10 inch touch screen. Touch control, easy to operate
- Customizable cartoon appearance. Cartoon appearance enhances affinity and reduces children's fear of vaccination
- Electronic label
- Cold chain monitoring. Users can check the temperature of the recent 24-hour, 7-day and 30 days on the screen

Solar Direct Drive(SDD) Refrigerator  
Models: HTC-240/120/112/110/40



- Complies with WHO PQS specification
- Vaccine freeze protection classification: Grade A
- Wide ambient temperature range of 5°C-43°C
- CFC-free high-density foam insulation
- Equipped with USB port for RTMD charging
- Solar power temperature display system, without the need of battery
- Solar direct drive with excellent autonomy time ensures the safety of vaccine
- Plug-and-play type quick plug, positive and negative pole error-proof
- 140mm insulation provides excellent thermal efficiency
- Additional interior door design to ensure superior insulation performance
- Internal temperature range of 2°C-8°C
- Environmentally friendly hydrocarbon refrigerant R600a

Solar Direct Drive(SDD) Freezer  
Model: HTD-40



- Complies with WHO PQS specification
- Equipped with ice pack pressing device, enabling the ice-pack plastered to the liner, speed up the water pack freezing
- Wide ambient temperature range of <=43°C
- CFC-free high-density foam insulation
- Equipped with USB port for RTMD charging
- Solar power temperature display system, without the need of battery
- Internal temperature can reach -10°C
- Plug-and-play type quick plug, positive and negative pole error-proof
- 140mm insulation provides excellent thermal efficiency
- Additional interior door design to ensure superior insulation performance
- Two-chamber design: Ice pack freezer and ice pack storage chamber
- Environmentally friendly hydrocarbon refrigerant R600a

Solar Direct Drive(SDD) Combined Refrigerator/Freezer  
Models: HTCD-160B/90B



- Complies with WHO PQS specification
- Vaccine freeze protection classification: Grade A
- Wide ambient temperature range of 5°C-43°C
- CFC-free high-density foam insulation
- Equipped with USB port for RTMD charging
- Solar power temperature display system, without the need of battery
- Solar direct drive with excellent autonomy time ensures the safety of vaccine
- Plug-and-play type quick plug, positive and negative pole error-proof
- 140mm insulation provides excellent thermal efficiency
- Additional interior door design to ensure superior insulation performance
- Internal temperature range of 2°C-8°C(Refrigerator), <=10°C(Freezer)
- Environmental friendly hydrocarbon refrigerant R600a

Solar Direct Drive(SDD) Blood Refrigerator  
Model: HTXC-240/120



- Wide ambient temperature range of 5°C-43°C
- CFC-free high-density foam insulation
- Equipped with USB port for RTMD charging
- Solar power temperature display system, without the need of battery
- Solar direct drive with excellent autonomy time ensures the safety of blood
- Plug-and-play type quick plug, positive and negative pole error-proof
- 140mm insulation provides excellent thermal efficiency
- Additional interior door design to ensure superior insulation performance
- Internal temperature range of 2°C-8°C
- With blood basket, convenient blood bag storage
- Environmental friendly hydrocarbon refrigerant R600a
- Freeze protection classification: Grade A

Ice-lined Vaccine Refrigerator  
Models: HBC-240/120 & HBC-260/150/80 & HBCD-90



- Cabinet structure design
- CFC-free high-density foam insulation
- Vaccine freeze protection classification: Grade A
- Wide ambient temperature range of 5°C ~ 43°C
- Internal temperature range of 2°C ~ 8°C
- Digital solar powered temperature display
- Standard door lock and independent temperature recorder
- Indicator light displaying On or Off status of compressors
- Wide operating voltage range of 172-264 volts

Icepack Freezer  
Models: HBD-265/86



- Optimized refrigeration system
- Internal temperature range of -15°C ~ -25°C
- CFC-free high-density foam insulation
- Electronic temperature controller with digital display
- Safety lock avoiding unauthorized access
- Various sizes of storage baskets
- Easy to clean drainage port

Laboratory Freeze Dryer  
Models: DG-65Z04-10A/10AR



- Integrated design and pollution-free, enclosed environment (DG-65Z04-10A)
- High sublimation speed and high drying efficiency
- Multiple alarm protection including cold trap cooling overtime, vacuum pump oil replacement reminder
- The refrigeration efficiency is greatly improved
- Real time monitoring of freeze-drying status

Laboratory Freeze Dryer  
Models: HDG-86Z03-12T/HDG-86Z04-12/HDG-86Z06-18



- Offering different choices of ice condenser capacity: 3, 4, 6 kg per 24 hours
- Rapid cooling and the condenser temperatures can reach as low as -90°C
- Environmentally-friendly HC refrigeration system features a low Global Warming Potential (GWP)
- Optimal process control for quick and reliable freeze-drying
- Real time display of sample temperature, vacuum curve degree, cold trap temperature curve

Pilot Freeze Dryer  
Models: HDG-85Z10-50



- Precise Temperature Control
- PLC Control, user-friendly control interface
- Efficient refrigeration technology
- Suitable for small batch production & pilot Run

Mini Biological Safety Cabinet  
Model: HR700-IIA2



- Space-saving design with large working area
- Real-time monitoring of the airflow for safety
- Ergonomic design for single person
- Energy-efficient EBM motor
- Optional stand

Standard Dual HEPA Biosafety Cabinet  
Models: HR1200-IIA2-D/HR900-IIA2-D (70% circulation and 30% exhaust)



- Double DC fans, low energy consumption, large air volume
- Intelligent constant air velocity system
- Double ULPA exhaust filter
- Front window stainless steel shelf design for safe operation
- Ergonomic 10 degrees tilt design
- Three piece stainless steel work surface without screws
- Optional adjustable stand, electric door, foot switch
- With CE and TÜV SÜD Mark certification

Standard Single HEPA Biosafety Cabinet  
Models: HR1200-IIA2-S/HR900-IIA2-S (70% circulation and 30% exhaust)



- Dual air velocity sensors, DC ECM fans
- Intelligent constant air velocity system
- AAF filter 99.995% @ 0.3µm
- Double sided glass construction design
- Front window stainless steel shelf design for safe operation
- Ergonomic 10 degrees tilt design
- Three piece stainless steel work surface without screws
- Optional adjustable stand, electric door, foot switch
- With CE and TÜV SÜD Mark certification

Laboratory Equipments

Biological Safety Cabinet  
Models: HR1500-IIA2/HR1200-IIA2/HR900-IIA2 (70% circulation and 30% exhaust)



- Single HEPA exhaust filter
- Solid sides
- 1 x AC fan
- Suporter standard can be adjusted
- Optional electronic sash
- Optional electronic stand
- With CE and TÜV SÜD Mark certification

Classic Series Biosafety Cabinet  
Models: HR40-IIB2 (100% exhaust)



- Ultra-efficient air filter (ULPA)
- Superior filtering effects 99.9995% for 0.12µm particles
- Sound and light alarm function
- Ergonomic 10 degrees tilt design
- Adjustable work bench height
- With CE and TÜV SÜD Mark certification

Classic Series Biosafety Cabinet  
Models: HR40-IIA2/HR30-IIA2 (70% circulation and 30% exhaust)



- Ultra-efficient air filter (ULPA)
- Superior filtering effects 99.9995% for 0.12µm particles
- Sound and light alarm function
- Ergonomic 10 degrees tilt design
- Adjustable work bench height
- With CE and TÜV SÜD Mark certification

Smart IoT Series Biosafety Cabinet  
Models: HR1800-IIA2-X/HR1500-IIA2-X/HR1200-IIA2-X



- Dual: SMI pressure sensors, light airflow speed sensors, DC fans, ULPA filters, lights
- IoT access management system (optional)
- Intelligent constant air velocity function
- UV lamp service life warning and one-touch timer function
- Optional electrically operated glass door
- Optional surveillance cameras to record the operating status
- Airflow blocking patented technology
- HEPA filter service life warning function
- With CE and TÜV SÜD Mark certification

NSF Series Biological Safety Cabinet  
Models: HR1800-IIA2-N/HR1500-IIA2-N/HR1200-IIA2-N/HR900-IIA2-N



- Stainless steel inner liner and work surface
- Designed with dual DC centrifugal fans
- Platform arm rest
- Waterproof socket
- Ultra-low noise, uniform airflow

Hydrogen Peroxide Disinfectant  
Models: HGYX-Y100/Y500



- Higher disinfection level with less consumption of hydrogen peroxide
- Compact size, light weight and convenient to handle and carry
- Real time monitoring and recording of data during operation
- Safe and secure, non-toxic, without other side effects by using hydrogen peroxide as disinfectant



Ductless Fume Hood  
Models: HTF-1500W/1200W



- Intelligent constant speed design, ensure the best adsorption effect of the filter
- Energy-efficient EC fan for a longer service life and reliable operation
- Offers a broad range of accessories and options to meet clients' different requirements

Laminar Flow Cabinet  
Models:HCB-1600H/1300V/900V



- High efficiency particulate air filters (HEPA)
- Superior filtration efficiency of 99.99% or above for particles of 0.3um or above
- Pre-cleaning function cleans working area before users start
- One-touch UV lamp operation with start delay for safety
- Built-in light to reduce eye strain

Laminar Flow Cabinet  
Models:HCB-1600VS/1300VS



- Positive pressure chamber design ensures air velocity uniformity and forms effective seal
- Operating area cleanliness to ISO 14644-1 class 4
- Real-time display of airspeed, stepless speed regulation in the range of 0.20-0.50m/s with 0.01m/s accuracy
- Intelligent constant air velocity design

CO<sub>2</sub> Incubator with180°C Dry-heat Sterilization  
Models: HCP-258(B)/168(B)/80(B)



- Precise and accurate Temperature Control
- Precise CO<sub>2</sub> Concentration Using New IR Sensor Control Technology
- Fast Environment Recovery for Optimal Cell Growth
- 180°C Dry-Heat Sterilization Technology Minimises Contamination
- Interactive Intelligent Display with Easy Touch Operation
- Optional O<sub>2</sub> Module

CO<sub>2</sub> Incubator with 90°C moist heat sterilization  
Models: HCP-258E/168E/80E



- Uniform and stable temperature
- Precise CO<sub>2</sub> Concentration Using New IR Sensor Control Technology
- Fast Environment Recovery for Optimal Cell Growth
- 90°C Moist Heat Sterilization Technology
- Fast Environment Recovery for Optimal Cell Growth

Standard Incubator  
Models: HZP-168/HFP-80/HFP-168E/HZP-80E (CE not available yet for E series)



- Based on the fuzzy PID control principle, the temperature is controlled within a fluctuation range of ±0.1°C, making the cultivation more reassuring.
- After opening the door, the temperature inside the cabinet recovers quickly, reducing the impact of temperature fluctuations on the samples.
- Precise temperature control
- Optional IoT technology for real-time remote monitoring
- Multiple safety protection features, safe and stable

Incubators

Vertical Autoclave  
Models: HRLM-110A/80A/80/60A



- Adopt PID control technology
- One-click automatic sterilization without setting
- Multiple safety measures to ensure the safe use of the equipment
- Automatic Adrying function
- Anti-drying protection

Drying Oven  
Models: HFS-160/HZS-60/HZS-160E/HFS-60E (CE not available yet for E series)



- Superior pre-heating technology with an innovative air duct structure, achieve precise temperatre control
- Multiple safety protection features, safe and stable
- Optional IoT technology for real-time remote monitoring
- PID Control Technology ensures superior uniformity control
- Multi-sided heating for rapid temperature rise, and the temperature inside the cabinet recovers quickly after opening the door, reducing the impact of temperature fluctuations on the samples.

Bench-top Autoclaves  
Models: HRTM-45/23/18



- Triple Protection of Temperature and Pressure Monitoring, Electronic Lock and Mechanical Safety Devices
- Fast sterilization, diaphragm pump principle
- High Degree of Security by Extensive Safety Devices
- Adopts a new generation steam generator to increase the saturation of the saturated steam which ensures thorough sterilization

Climate Chamber - Semiconductor Type  
Models: HHS-756/506/256



- Accurate temperature and humidity control
- Energy-saving semiconductor technology
- Intelligent control of PTC humidification
- Low daily water consumption
- No need to recycle waste water, save space
- Low vibration and noise

Climate Chamber - Compressor Type  
Models:HHS-1060/810/500



- 7-inch LCD touch screen for easy operation.
- PID control algorithm ensures precise temperature control;Precise and uniform temperature distribution Security and traceability
- Exceptional energy efficiency

Cooled Incubator  
Models: HSP-260/160




- Wide Temperature Range from 0°C to +70°C, Multi-purpose, covering 90% of fungi cultivation.
- PID fuzzy control algorithm, which can realize precise temperature control.
- Multiple Operating Modes
- High Thermal Insulation Performance, Energy Saving and Environmental Protection

Biobank Series LN<sub>2</sub> Solutions

Models: YDD-1800-635PT/YDD-1000-465PT/ YDD-550-445PM/YDD-350-326PM

CE




- Massive capacity between 13,000 to 94,875×2ml Vials
- Vapour phase storage at -190°C prevent cross-contamination
- Supplied with intelligent Cryosmart liquid nitrogen system monitoring and control solution
- LN<sub>2</sub> splash proof design for safer operation

Smart Series LN<sub>2</sub> Solutions

Models: YDS-175-216/YDS-145-216/YDS-115-216/YDS-95-216/YDS-65-216

CE




- 5 models from 2,400 to 6,000 cryovial capacity
- Cloud data storage for traceability
- Low consumption rate and high performance stability
- Durable aluminium construction
- Real-time monitor of temperature and fluid level
- New lock design

Medium Series LN<sub>2</sub> Solutions

Models: YDS-175-216/YDS-145-216/YDS-115-216/YDS-95-216/YDS-65-216

CE




● Heavy duty lockable enclosure	● Temperature monitoring available
● Liquid or vapour phase option available	● High thermal efficiency
● Durable aluminium construction	● Ultra-low evaporation loss

Dryshipper Series LN<sub>2</sub> Solutions

Models: YDH-25-216/YDH-15-216/YDH-10-125/YDH-6-80

CE




● Rugged and durable aluminium construction	● No LN <sub>2</sub> spillage
● Vapour phase storage	● Lockable lids
● Straw and cryovial storage options	● Cryo absorbant

Self-pressurized Series LN<sub>2</sub> Solutions

Models: YDZ-500/YDZ-300/YDZ-150/YDZ-50/YDZ-5


CE



● Stainless steel construction	● Integral safety mechanisms
● Labelled valves for easy identification	● Safety valves
● Decant valves	● Pressure raising
● Liquid storage	● Rotary ring construction

Liquid Nitrogen Transfer Container


Models: HSN96-01H1



- 2L liquid nitrogen, long holding time
- GPS positioning, temperature monitoring, transport process monitoring
- Empty weight 4.1Kg, ultra-light weight transport convenient

-196°C Intelligent Liquid Nitrogen Biological Sample Storage System


Models: HSN96-46K2/24K2



- Precise sample management to ensure the safety of sample access in all aspects
- Automatic sample access, accurate to single branch and single box frozen storage tube
- Sample delivery booking function, saving waiting time
- Low temperature protection in the whole process of sample access, access process, sample temperature ≤-135°C
- In case of emergency, it is convenient for manual transfer of samples. After removing the whole frozen storage rack, the frozen storage box and the frozen storage tube are directly placed into the conventional liquid nitrogen tank for emergency storage
- Professional heat insulation drive structure, deep low temperature storage area, more uniform temperature
- Servo control system + manipulator application, accurate positioning, ensure access accuracy
- The driving parts are in normal temperature environment to ensure long-term stable operation of the equipment and save operation and maintenance costs

Low Temperature Transport Trolley

Model:YDC-3000H




- Touch screen LCD, easy to operate
- Real-time monitoring
- The instrument monitors the temperature and liquid level in real time and displays the expected remaining service time. Continuous working hours up to 24 hours
- The insulation cover can be magnet absorbed to the side of vehicle, which is convenient to extract, and the space reserved at the bottom can be used to store other tools

Liquid Nitrogen Container

Model: CryoBio 27/CryoBio 95

CE




- Brand-new frost-free design, overall upgraded appearance.
- Gas and liquid dual-purpose, automatic liquid replenishment.
- Unlock by opening the cover, convenient operation.
- Optional IoT, precise monitoring.

Liquid Nitrogen Container

Model: CryoBio 43

CE



- Innovative frost-free design; Unique exhaust structure to avoid frost on the neck. Brand-new drainage structure to avoid internal water accumulation
- Auto-fill function



Liquid Nitrogen Container

Model: CryoBio 13



- Ten-inch LCD touch screen, easy to operate
- Cryosmart Level Monitoring System ZJY-800N Pro, which supports fingerprint and NFC access, providing multiple safeguards for sample safety

Liquid Nitrogen Container

Model: CryoBio 6S



- Low liquid nitrogen consumption 1.5L/day
- Accurate real-time monitoring
- The autofill function can eliminate the need for manual filling and associated health safety risks

Liquid Nitrogen Container

Models: CryoBio 34Z/CryoBio 20Z/CryoBio 11Z



- With the full opening hydraulic lid design, users can access and remove their samples
- Brand new intelligent monitoring system
- With larger battery capacity, it can still be used after power failure
- Reduce frosting and freezing

Liquid Nitrogen Container

Models: Bio-2T/BioT Air



- Lightweight design of the product, the total empty weight is only 3kg
- Temperature display: Visual real-time temperature monitoring (Bio-2T), and the instrument part is dustproof and waterproof
- Multi-specification compatibility: Compatible with 1.2m, 1.5m, 1.8m, 2.0m and 5.0ml sample storage tubes
- High thermal insulation performance
- No liquid nitrogen overflow

Controlled Rate Freezer

Model: CJ-L54/CJ-L37/CJ-L19



- Precise temperature control
- 7-inch touchscreen LCD console, easy to operate
- Liquid nitrogen allowance warning
- Single handle press lock, simple and labor-saving
- Equipped with a real-time temperature curve printer and electronically archived temperature records

Floor-standing Bioprocessing Centrifuge

Model: LX-210L750R



- Features with 3L capacity and performance up to 47,400 x g, which is ideal for all-purpose use in the industrial and research sectors
- Offering a broad portfolio of fixed-angle and swing-out rotors, which can accommodate tubes and bottles from 1.5 ml to 750 ml, as well as deep-well plates
- Patented tool-free rotor exchange technology enables the installation and removal of rotors on the centrifuge automatically and securely without the need for any tools
- Automatic radio-frequency rotor identification (RFID) that enables immediate identification of a rotor once it is securely placed in the centrifuge chamber, avoid over-speed, reduce error messages, and enhance the safety
- Optimized multi-layer shock absorption technology makes the sound level ≤ 65(dB(A))

Floor-standing Bioprocessing Centrifuge

Model: LX-100L1000R



- Satisfy the changing application requirements that extend from academic research to production facilities. Offer up to 18,590 x g of centrifugal force and a maximum capacity of 6 liters
- Automatic radio-frequency rotor identification (RFID) that enables immediate identification of a rotor once it is securely placed in the centrifuge chamber, avoid over-speed, reduce error messages, and enhance the safety
- Optimized multi-layer shock absorption technology makes the sound level ≤ 65 (dB (A))
- The high-efficiency carbon fiber rotor achieves the maximum centrifugal force, faster acceleration and deceleration times, and greatly improves centrifugal efficiency

Floor-Standing Centrifuge

Model: LX-75L2400R



- One button automatic front-to-back door opening and closing
- 10-inch touch screen interface for convenient operation
- Improved capacity to maximize productivity(16 x 500 ml blood bags or 6 x 2400 ml centrifuge bottles per run)
- Short pre-cooling time of only 15minutes from room temperature to 4°C

Floor-Standing Compact Blood Banking Centrifuge

Model: LX-60L1000R



- Accommodates up to 6 x 500 ml blood bags or 12 x 200 ml blood bags per run with optimum sedimentation results
- One button automatic front-to-back door opening and closing
- Automatic rotor lid opening and closing with lid storage
- 7-inch touch screen interface for convenient operation

Benchtop High-speed Refrigerated Centrifuge

Models: LX-185T100R/LX-155T500R



- Wide range of rotors for application flexibility
- Use of brushless induction motors to provide maintenance-free operation, eliminating carbon particle emissions
- Optimized sound design for low noise levels
- Automatic rotor identification and rotor life monitoring for maximum operational safety
- The 7-inch 45° glove-friendly touchscreen, the wide viewing angle more comfortable and practical for users of all heights

Benchtop Low-speed Centrifuge

Models:LX-60T500-J/LX-60T100-J

CE  
UK  
CA  
IVDR



- Automatic rotor identification and each rotor use frequency monitoring to guarantee maximum operational safety
- Real time loading imbalance detection, immediate shutdown protection in case of imbalance
- Unique air duct structure design, the heat inside the centrifugal chamber can dissipate quickly
- Patented anti-seismic door lock

Benchtop High-speed Centrifuge

Models: LX-185T100-J

CE  
IVDR



- Fast sample processing at maximum speeds of up to 18,500 rpm (30,130 xg)
- Real time loading imbalance detection, immediate shutdown protection in case of imbalance
- Unique air duct structure design, the heat inside the centrifugal chamber can dissipate quickly
- Use of brushless induction motors to provide maintenance-free operation, eliminating carbon particle emissions

Benchtop High-speed Refrigerated Microcentrifuge

Model: LX-165T2R

CE  
IVDR



- Auto-ID instant rotor identification and rotor service life statistics
- Precise temperature control and ultra-fast refrigeration
- Precise balance detection
- Smart lid lock and USB interface
- Large smart screen controller provides an interactive interface which is easy to operate even in gloves

Benchtop High-speed Microcentrifuge

Model: LX-165T2-J

CE  
UK  
CA  
IVDR



- High efficiency air cooling technology
- Automatic rotor identification
- Safe and reliable
- Multiple vibration reduction and noise reduction technology

Mini-centrifuge

Models: LX-120T2Z/LX-50T2Z



- Simple and fast operation
- Suspension with shock absorber reduces noise output
- Safety interlock lid with automatic shut- off if lid is open
- Splash and leak protection

Refrigerated Vaccine Vehicle



- Low fuel consumption
- Good insulation, safe and reliable
- Firm structure and corrosion resistance
- Strong after-sales service support capability
- Complies with WHO PQS specification E002/RV01.2
- Accurate temperature control and high temperature uniformity

Mobile Environmental Testing Laboratory



- Rational Layout Design
- Multiple power guarantees
- Professional laboratory equipment
- Outstanding vehicle platform

Air Purification Sterilizer

Model: YKJX-Y500



- Ultra-effective, triple-action disinfection-plasma, UV plus titanium dioxide photocatalyst and nano-silver ion filtration
- Kills up to > 99.9% of viruses and bacteria within air
- Negative-ion generator for clean fresh air

Mobile Container Clinic



- Multiple medical storage cabinets
- Ergonomic design
- Intelligent monitoring system
- Air conditioner system
- Customized layout to meet customer's individual needs
- Transportable, can be deployed rapidly

Mobile PCR Testing Laboratory

YJF-12X1H



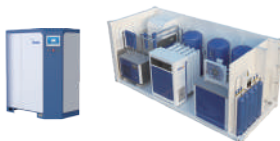
- Solid and durable cabin
- Superior materials of high safety
- Sophisticated ventilation facilities and rain protection measures
- Intelligent control system
- Small shelter footprint, transportable, rapid deployment

Solar Powered Medical Laboratory



- Solar direct drive, suitable for remote regions where power shortages are common
- High efficiency solar panels to ensure the operation of large power consumption equipment
- Windproof and earthquake resistant
- Equipped with complete power supply system, water supply and drainage system, access control system and unlock fingerprint
- Equipped with surveillance camera and mass storage devices to ensure the maximum safety

Oxygen Supply System



- Using air as raw material, PSA method is adopted to generate oxygen to meet the medical oxygen demand of general ward, intensive care unit (ICU), hyperbaric oxygen chamber, common operating room, abdominal operating room, thoracic and cerebral operating room
- Integrated medical PSA oxygen generating system is suitable for the town and community hospitals, clinics, health facilities, beauty centers, entertainment and sport venues, hotels and villas, plateau areas etc



Medical Waste Incinerator



- Wide spectrum of disinfection bacteria
- High sterilization efficiency, reducing energy consumption without dioxin pollution
- Easy operation and maintenance
- Low operating cost

Microwave Incinerator



- Environmentally friendly
- Diversified products
- Superior products
- Innovative technology

Solar Direct Drive Cold Room



- Solar photovoltaic power generation system
- Solar direct drive compressor without battery
- PLC intelligent control
- Wide operating ambient temperature range of 5-43°C
- Optional 48V switching power supply
- Supporting single phase 110-220V AC power supply
- Superior insulation performance

Cold/Freezer Room-Mono/Split type



- Constant temperature of 2 - 8°C (or -15 -25°C)
- All-in-one design of refrigeration system(Mono type)
- The WIC is equipped with aluminum shelf system
- Door equipped with a lock and heavy-duty hinges, with an internal safety release
- CFC-free refrigerant
- 100% stand-by refrigeration under worst-case conditions; (dual refrigeration unit)
- With sound and light alarm system: power failure, door status, high temperature, low temperature alarm

Gateway 502



- Highly reliable connectivity through 2G/3G/4G network upload monitoring platform
- Purposely Designed for Industrial Scenarios

Temperature Data Logger  
Model: HETL-01



- Lora wireless ad hoc network communication technology, strong adaptability
- Smart gateway with backup battery, supports data breakpoint with continued transmission
- Powered by battery, and the working time is more than one year
- Real-time display of measurement data
- Can achieve the monitoring of cold room door, warehouse door and other door body open close usage activity
- Can monitor whether the power supply of the public grid is at normal capacity

Remote Temperature Monitoring Device(RTMD)  
U-Cool/U-Cool-Pro



- Remote portal management platform, tracking temperature location
- High precision, wide range of temperature measurements
- Complies with WHO Standards, WHO prequalified code: E006/060

Remote Temperature Monitoring Dvice(RTMD)  
U-COOL-Lora



- LoRa wireless ad hoc network communication technology, strong adaptability
- Smart gateway equipped backup battery, supports data breakpoint with continued transmission
- Complies with WHO PQS specification E006
- Equipped with standard a Micro-USB interface to cooperate with PC software for local data export
- LoRa spread spectrum modulation is adopted for wireless communication. Offering long communication distances, and a strong ability for signals to pass through obstacles/walls, with excellent anti-interference properties
- Achieve the monitoring the status of door, power supply, temperature
- Shockproof and dustproof to fit a variety of complex environments

