



-86°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER BZX-205

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-86°C ULT FREEZER



Temperature Control System

Microprocessor control, Large touch screen display inner temperature clearly, and with easy viewing.

The inner temperature can be adjustable at the range of 40°C~-86°C, with an increment of 0.1°C.

Lock and password for protection to prevent arbitrary adjustment of operating parameters.

Optional 7" color LCD touch screen display system.

Safety Protection Measures

Malfunction alarms: High-temperature alarm, low-temperature alarm, sensor failure alarm, power failure alarm, low backup-battery voltage alarm, and over-temperature alarm. Alarm temperatures can be set as required.

SPECIFICATIONS

Model	BJX-205
Capacity	590L
Temperature range	-40~-86°C
Cabinet Type	Upright
Climate Class	N
Cooling Type	Direct cooling
Defrost Mode	Manual
Cooling performance(°C)	-80
Rated Voltage (V/Hz)	220/50
Exterior Material	Galvanized steel powder coating
InteriorMaterial	Galvanized steel powder coating
Insulation Material	PUF+VIP
Thickness of Door	90mm
Inner Door Number	2
Power Supply(V/Hz)	220/50
Display	7" Touch screen with USB port
Low/High temperature alarm	Yes
Condenser high temperature alarm	Yes
Power failure alarm	Yes
Sensor failure alarm	Yes
Alarm mode	Sound and light alarm remote alarm terminal
Caster	Yes
Test Hole	Yes
Shelves (stainless steel)	3
Temperature Recorder	Optional
Door locking device	Yes
Handle	Yes
Pressure balance hole	Yes
Racks & Boxes	Optional
Thickness of Cabinet Foamed Layer	90mm
Net/Gross Weight(approx)	272kg/311kg

Interior Dimensions(W*D*H)	740x600x1310mm
Exterior Dimensions(W*D*H)	995x855x1980mm
Package Dimensions(W*D*H)	1015x890x2190mm
Power(W)	950
Energy consumption (KW.H/24H)	14.2
Capacity for 2 inch boxes	400
Alt Name	-86°C ULT Freezer

ACCESSORIES FOR PURCHASE

No	Image	Name
1		CryoRacks
2		CryoBoxes
3		Co2/LN backup device
4		Chart temperature recorder
5		Wireless Monitoring system

FEATURES

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Three alarm methods: Buzzer alarm, digital flashing alarm, and remote alarm.

Protection functions: Power-on delay and interval protection between stops.

Refrigeration System

Optimized cascade refrigeration technology with a SECOP compressor for effective cooling.

Specially designed, high-efficiency heat exchanger for improved heat transfer and energy savings.

VIP insulation panels ensure excellent thermal insulation performance.

CFC-free, overall polyurethane foam insulation.

High-efficiency hydrocarbon refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access.

Wide-voltage design from 192 V to 242 V.

Double inner doors reduce cold loss after opening the main door.

Suitable for 2-inch and 3-inch international-standard cryo boxes.

Pressure-balanced port design for easy door opening.

Heavy-duty casters with adjustable locking screws for easy movement and secure positioning.

Ultra-simple condenser-filter design for convenient maintenance and cleaning.

APPLICATIONS

-86°C ULT Freezer is specially designed for long term storage of various biological products, such as germs, virus, erythrocytes, leukocytes, cutis. It can be installed in institutions including blood banks, hospitals, epidemic prevention services, research institutes and laboratories for electronic and chemical plants, biological engineering institutes and marine fishery companies. From individual laboratory users to ever-increasing sample storage needs, you can choose from ultra-low temperature storage solutions in multiple sizes.



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