



## -86°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER BZX-206

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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-206                                     |
| Capacity                          | 730L                                        |
| 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)          | 297kg/332kg                                 |

|                               |                   |
|-------------------------------|-------------------|
| Interior Dimensions(W*D*H)    | 740x730x1310mm    |
| Exterior Dimensions(W*D*H)    | 995x985x1980mm    |
| Package Dimensions(W*D*H)     | 1015x1020x2190mm  |
| Power(W)                      | 1000              |
| Energy consumption (KW.H/24H) | 14.5              |
| Capacity for 2 inch boxes     | 500               |
| 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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