



-150°C CRYOGENIC FREEZER BZX-101

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-150°C CRYO FREEZER



Temperature Control System

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

The inner temperature can be adjustable at the range of -125°C~-150°C.

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

Safety protection measures

Malfunction alarms: high temperature alarm, low temperature alarm, Sensor failure.

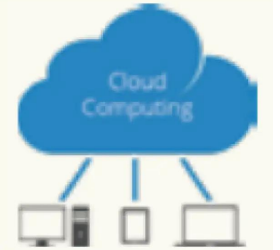
Three alarming methods: buzzer alarming, digital flashing alarming and remote contacts.

Protection function: power-on delay, time between stops.

SPECIFICATIONS

Model	BJX-101
Capacity	138L
Temperature range	-125~-150°C
Cabinet Type	Chest
Climate Class	N
Cooling Type	Direct Cooling
Defrost Mode	Manual
Refrigerant	CFC Free
Temperature Setting (°C)	-150
Controller	Microprocessor
Display	7"-inch touchscreen with USB port
Exterior Material	Galvanized steel powder coating
Interior Material	Stainless steel
Rated Voltage (V/Hz)	220/50
Power (W)	1500
Current (A)	8
High/Low Temperature Alarm	Yes
Sensor Error Alarm	Yes
Lockage	Yes
Foot	Yes
Baskets/Inner Doors	2 / -
Racks & Boxes	Optional
Net/Gross Weight (approx.)	190/230 kg
Interior Dimensions (WxDxH)	630x440x500 mm
Exterior Dimensions (WxDxH)	1360x800x1000 mm
Package Dimensions (WxDxH)	1420x840x1150 mm
Container Loading (20'/40')	22/44
Capacity for 2-inch Boxes	96
Alt Name	-150°C Cryo Freezer

ACCESSORIES FOR PURCHASE

No	Image	Name
1		Cryo Racks
2		Cryo Boxes
3		Co2/LN backup device
4		Chart temperature recorder
5		Wireless Monitoring system

FEATURES

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Refrigeration System

Optimized cascade refrigeration technology, SECOP compressor to reach a high efficient refrigeration effect.
Specially designed Heat Exchanger, heat transfer high efficient, save energy.
Independent engine cabinet cooling system, ensure to adapt to a higher ambient temperatures.
CFC-Free overall situ polyurethane foaming insulation.
CFC-Free refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access.
Wide voltage design from 192V to 242V.
Stainless steel inner chamber, easy for clean.
Heavy type caster and locking adjustable screw,easy to move and fix.

APPLICATIONS

-150°C Cryo Freezer provides a safer, more convenient and economical alternative long term storage method than LN2 containers. We design it to provide a storage environment that is 3 about 20°C colder than the water recrystallization temperature. The freezer is suitable for storage of a variety of biological samples, such as virus, erythrocytes, leukocytes, cutis, skeleton, sperm, oceanic products, special test materials and even electronic products for testing. It can be installed in institutions including blood banks, hospitals, epidemic prevention service centers, research institutes and laboratories.



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