

# -25°C

# Biomedical Freezer



Applications

The -25 °C medical deep freezers are designed to store vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and medical fields.

### Features

- Accurate temperature controller, setting temperature range is -10 to -25°C, accuracy is 0.1 °C.
- Suggested ambient temperature: +10 to 32°C.
- Brand compressor to ensure excellent stability of the cooling system.
- HC eco-friendly refrigerant and high-efficiency cooling system.

### Security

- Visual and audible alarm system: High/low temperature, sensor failure, controller error.
- Power failure protection: turn-on delay of the cooling system after power failure.
- Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when the controller or two sensors failed.

### Humanized design

- Casters with stoppers for easy moving and fixation.
- Special-designed service-free drainage system.



Datalogger

### Specifications

Model NO.	
<b>Main Specifications</b>	
Temperature Range	-10 ~ -25 °C
Ambient Temperature	10~32°C
Capacity (L/Cu. Ft.)	105 / 3.71
Interior Dimensions (W×D×H) mm	480×380×665
Exterior Dimensions (W×D×H) mm	621×588×883
Weight	31 kgs
Noise	46 dB
<b>Control and Power</b>	
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	174 W
Electric Current	1.48 A
Power Consumption (kWh/24h)	1.59
<b>Audible and Visual Alarms</b>	
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes, 12h
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
<b>Refrigeration</b>	
Refrigeration Type	Direct Cooling
Defrost	Manual
Compressor (Brand/pcs)	Chinese Brand / 1
Refrigerant / Weight	R290 / 30g
<b>Cabinet</b>	
Door (pcs)	Foamed Solid Door / 1
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	PURF (δ65mm)
Door Lock	Yes
Test Hole (pcs)	1
Castors (pcs)	4
<b>Accessories</b>	
Temperature Datalogger	Optional
Basket (pcs)	Optional
<b>Shipping</b>	
Package	Carton box with pallet
Shipping Weight	34 kgs
Shipping Size (W×D×H)	770×705×1090
Shipping Volume	0.59 CBM

\* Due to continuous product upgrades, the above specifications are for reference only. For the latest specifications, please contact us.