

-25°C

Biomedical Freezer

Model:



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

- Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
- HC green refrigerant is energy-saving and environmentally friendly.
- Wide available voltage range: 220V±10%.

Security

- Safety door lock and controller password to prevent unauthorized access.
- Built-in backup battery to display temperature and alarms when power failure or system error.
- Visual and audible alarm system.
- Inner doors to prevent cold air from leaking out when the outside door is opening.
- 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

- Adjustable shelves for easy storage.
- Casters with stoppers for easy moving and fixation.



Specifications

| Model NO. | |
|----------------------------------|------------------------|
| Main Specifications | |
| Temperature Range | -10 ~ -25 °C |
| Ambient Temperature | 10~32°C |
| Capacity (L/Cu. Ft.) | 268 / 9.46 |
| Interior Dimensions (W×D×H) mm | 508×455×1137 |
| Exterior Dimensions (W×D×H) mm | 673×676×1620 |
| Weight | 92 kgs |
| Noise | 46 dB |
| Control and Power | |
| Controller | Microprocessor |
| Display | Digital |
| Sensor | NTC |
| Voltage and Frequency | 220V±10%, 50/60Hz |
| Power | 202 W |
| Electric Current | 1.54 A |
| Power Consumption (kWh/24h) | 1.52 |
| Audible and Visual Alarms | |
| High / Low Temp. Alarm | Yes |
| Power Failure Alarm | Yes, 8h |
| Sensor Error Alarm | Yes |
| Controller Error Alarm | Yes |
| Door Ajar Alarm | Yes |
| Refrigeration | |
| Refrigeration Type | Direct Cooling |
| Defrost | Manual |
| Compressor (Brand/pcs) | CUBIGEL / 1 |
| Refrigerant / Weight | R290 / 60g |
| Cabinet | |
| Door (pcs) | Foamed Solid Door / 1 |
| Inner Door (pcs) | Coated Steel Door / 4 |
| Adjustable Shelf (pcs) | 3 |
| Interior Cabinet Material | Coated Steel |
| Exterior Cabinet Material | Coated Steel |
| Insulation Material | PURF (δ82.5mm) |
| Door Lock | Yes |
| Test Hole (pcs) | 1 |
| Castors (pcs) | 4 |
| Accessories | |
| Remote Alarm Port | Yes |
| USB Data Download Port | Optional |
| RS485 Port | Optional |
| Temperature Datalogger | Optional |
| Temperature Printer | Optional |
| Shipping | |
| Package | Carton box with pallet |
| Shipping Weight | 115 kgs |
| Shipping Size (W×D×H) | 760×750×1750 |
| Shipping Volume | 1.00 CBM |

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