



-86 °C Ultra Low Temperature Chest Freezer LCF-D3 Series

-86 °C Ultra Low Temperature Chest Freezer LCF-D30

-86 °C Ultra Low Temperature Chest Freezer LCF-D30 is a microprocessor-controlled chest cabinet type ultra-low temperature freezer comes with 258 L of capacity. With auto-cascade cooling system and direct cooling method, features -40 to -86°C of temperature range with -86°C of cooling performance and manual defrost. Incorporated with LED display, CFC free refrigerant, and safety lock system is provided with advanced alarm system for high/low temperature, power failure, remote alarm contact and sensor error. Designed with SUS304 interiors, powder coated steel housing, PU forming insulation, and 8 casters, supports remote alarm contact, makes it an ideal unit for convenient and reliable operation.

-86 °C Ultra Low Temperature Chest Freezer LCF-D31

-86 °C Ultra Low Temperature Chest Freezer LCF-D31 is a microprocessor-controlled chest cabinet type ultra-low temperature freezer comes with 458 L of capacity. With auto-cascade cooling system and direct cooling method, features -40 to -86°C of temperature range with -86°C of cooling performance and manual defrost. Incorporated with LED display, CFC free refrigerant, and safety lock system is provided with advanced alarm system for high/low temperature, power failure, remote alarm contact and sensor error. Designed with SUS304 interiors, powder coated steel housing, PU forming insulation, and 8 casters, supports remote alarm contact, makes it an ideal unit for convenient and reliable operation.

Features

- ❑ A microprocessor-controlled chest cabinet type ultra-low temperature freezer
- ❑ Large capacity with auto-cascade cooling system and direct cooling method
- ❑ -60 to -86°C of temperature range with -86°C of cooling performance and manual defrost
- ❑ LED display, convenient monitoring and setting of running parameters
- ❑ CFC-free refrigerant, efficient, green and environment friendly
- ❑ Safety lock system, prevent unauthorized access and interruptions
- ❑ Advanced alarm system for high/low temperature, power failure, and sensor error

- ❑ SUS304 interiors, powder coated steel housing, and PU forming insulation
- ❑ Universal casters for easy and convenient moving
- ❑ Supports remote alarm contact, ensures safe operation
- ❑ An efficient unit with convenient and reliable operation

Application

-86°C ultra-low temperature freezer is used for storage of virus, germs, blood plasma, blood, skin, bone marrow, sperm, biology product, oceanic product, long term storage of biological specimens & products at ultra-low temperature across hospitals, laboratories, manufacturing industries, pharmaceuticals etc.

Specifications

| Model | LCF-D30 | LCF-D31 |
|---------------------|---|---------|
| Cabinet Type | Chest | |
| Capacity | 258 L | 458 L |
| Temperature Range | -40°C to -86°C | |
| Cooling Performance | -86°C | |
| Cooling Method | Direct cooling | |
| Cooling System | Auto cascade system | |
| Defrost Mode | Manual | |
| Refrigerant | CFC free | |
| Climate Class | N | |
| Controller | Microprocessor | |
| Display | LED | |
| Compressor | Single | |
| Alarm System | High/low temperature, Power failure, Remote alarm contact, Sensor error | |
| External Material | Powder coated steel | |

-86 °C Ultra Low Temperature Chest Freezer LCF-D3 Series

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|-----------------------------|------------------------------|------------------|
| Internal Material | SUS304 | |
| Insulation | PU forming | |
| Casters | 6 | 8 |
| Door Lock with Key | Yes | |
| Test Hole | Yes | |
| Door | Single solid door | |
| Remote Alarm Contact | Yes | |
| Power Supply | 220 to 240 V/110 V, 50/60 Hz | |
| Power | 500 W | 550 W |
| Internal Dimension (W×D×H) | 780×500×660 mm | 1330×500×600 mm |
| External Dimension (W×D×H) | 1510×885×1095 mm | 2110×885×1095 mm |
| Packaging Dimension (W×D×H) | 1570×945×1230 mm | 2170×945×1230 mm |
| Net Weight | 220 kg | 240 kg |
| Gross Weight | 240 kg | 270 kg |

Optional Accessories

| Accessories no. | Name |
|-----------------|-------------------------------|
| 1 | Chart Recorder |
| 2 | CO ₂ Backup system |
| | LN ₂ Backup System |