



-40Â°C Upright Freezer LD-LUF-B41

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Overview

The LD-LUF-B40 -40°C Upright Freezer is equipped with a microprocessor-controlled system featuring a dual LED display, providing real-time chamber temperature monitoring along with key operating status information, including controller lock, cooling operation and power supply status. The controller is positioned at eye level for convenient viewing and easy operation.

Features:

- Microprocessor control system
- High-efficiency cooling system
- Inner doors to minimize cooling loss
- Comprehensive visual and audible alarm system
- USB temperature data storage and download
- Password-protected operation
- Safety lockable door
- Remote alarm connection
- Adjustable stainless-steel shelves
- Ultra-quiet operation
- Optional online monitoring
- Environmentally friendly refrigeration system

Applications:

The -40 °C Upright Freezer is ideal for medical institutions, laboratories, pharmaceutical companies, research centres, and biobanks. It provides secure storage for biological samples, vaccines, reagents, blood plasma, enzymes, and other temperature-sensitive materials requiring consistent low-temperature conditions between -20 °C and -40 °C.

Specifications:

Type	Upright
Casters	4
Defrost	Manual
Display	LED digital, dual LED screen
Capacity	620 L
USB Port	Yes
Insulation	Polyurethane, 80 mm
Net Weight	181 kg
Inner Doors	4

Rated Power	550 W
Refrigerant	R290
Blower Brand	EBM
Cooling Type	Direct cooling
Gross Weight	220 kg
Power Supply	220 V/50 Hz; 220 V/60 Hz; 120 V/60 Hz
External Door	1
Door Open Alarm	Yes
Compressor Brand	SECOP
Safety Door Lock	Yes
Exterior Material	Pre-coated steel
Interior Material	Pre-coated steel
Low Battery Alarm	Yes
Temperature Range	-20°C to -40°C
Adjustable Shelves	3
Display Resolution	0.1°C
Inner & Outer Door	Forming door
Test / Access Port	φ19 mm × 2
Power Failure Alarm	Yes
Remote Alarm Contact	Yes
Sensor Failure Alarm	Yes
Number of Compressors	1
Cloud Monitoring (Wi-Fi)	Optional
High/Low Temperature Alarm	Yes
Cabinet Insulation Thickness	90 mm
Packing Dimension (W × D × H)	1015×930×2120 mm
External Dimension (W × D × H)	995×895×1910 mm
Internal Dimension (W × D × H)	740×640×1310 mm
Temperature Data Storage & Download	Yes