



**-86 °C Ultra Low Temperature Upright
Freezer LD-LUF-D20**

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Overview

An undercounter ultra-low temperature freezer LD-LUF-D20 with a small body for excellent use has a temperature of -86 °C. It is ideal for storing plasma, tunny, biomaterial, low-temperature scientific investigations, and other biological products. The temperature range that can be set using the microprocessor-based temperature controller is -40 °C to 86 °C. It is easy to clean because to its upright design and galvanized steel sheet (stainless steel is an alternative interior material). With a keypad lock and password access, this compact ultra-low temperature freezer offers you a safe alarm system.

Features:

- Equipped with Secop (Danfoss) compressor and premium CFC-free mixed refrigerant
- Reduce noise to a perfect level and stabilize the cooling temperature at -86°C
- Equipped with the well renowned EBM fan electromotor from Germany
- Extremely secure visual and auditory alarm system
- Ergonomic Design of the Structure: VIP Plus Vacuum Insulation
- Storage racks or boxes, a CO2 backup system, a vacuum isolated panel, and an RS485 remote contact are optional

Applications:

Hospitals, blood banks, university labs, research institutes, electronic industries, military industries, pelagic fisheries companies, sanitation, and anti-epidemic measures can all use this small deep freezer.

Specifications:

Castors	04
Display	Digital
Padlock	Yes
Shelves	01 (Stainless Steel)
Capacity	50 L
Compressor	01 pc
Controller	Microprocessor
Net Weight	104 kgs
Access Port	01 pc, Ø 25 mm
Refrigerant	HC
Cabinet Type	Undercounter
Defrost Mode	Manual

Gross Weight	156 kgs
Climate Class	N
External Lock	Yes
Backup Battery	Yes
Cooling Method	Direct Cooling
Inner Material	Stainless Steel
External Material	Cold Rolled Steel
Temperature Range	-40~-86 ?
Door Lock with Key	Yes
Ambient Temperature	16 – 32 ?
Cooling Performance	-86 ?
Insulation Thickness	110 mm
Package Dimension (W x D x H)	1110 x 840 x 935 mm
External Dimension (W x D x H)	951 x 700 x 757 mm
Internal Dimension (W x D x H)	305 x 425 x 430 mm
Data Logging / Interval / Memory Capacity	USB / Record every 10 minutes / 100000 data