



**-150°C Ultra Low Temperature Chest
Freezers LD-LCF-G10**

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-150°C Ultra Low Temperature Chest Freezers LD-LCF-G10

Overview

LD-LCF-G1 Series is a high-efficiency cryogenic freezer designed for ultra-low temperature storage between -110 °C and -150 °C. With a 128 L & 258 L capacity, Vacuum Insulated Panel, and a digital microprocessor controller, it ensures precise, stable preservation of sensitive biological materials perfect for research, medical, and industrial applications.

Features:

- Digital display for easy monitoring
- Advanced direct-cooling technology
- Lockable top-opening chest door
- Dual-layer foaming insulation
- Oil-lubricated compressor for reliable performance
- Environmentally friendly refrigerant
- Parameter modifications are protected by keyboard lock and password
- The freezer features multi-level audible and visual alarms for temperature fluctuations, power failure, open door, low battery, and system errors
- Real-time monitoring and alert logging for traceability

Applications:

The -150°C ultra-low temperature freezer is perfect for preserving vaccines, biological samples, tissues, and stem cells, supporting research, biobanking, and pharmaceutical needs.

Specifications:

Casters	6
Capacity	128 L
Compressor	1pc
Net Weight	390 Kg
Access Port	1 pc. Ø 40 mm
Foaming Lid	2
Refrigerant	Mixture gas
Defrost Mode	Manual
Gross Weight	529 Kg
Climate Class	N
Backup Battery	Yes
Inner Material	304 Stainless steel

External Material	High quality Steel plates with spraying
Temperature Range	-110 ~ -150 ?
Door Lock with Key	Yes
Ambient Temperature	16-32 ?
Cooling Performance	-145 ?
Insulation Thickness	205 mm
Package Dimension (W x D x H)	1815 x 1085 x 1304 mm
External Dimension (W x D x H)	1665 x 1000 x 1115 mm
Internal Dimension (W x D x H)	510 x 460 x 540 mm
Data Logging/ Interval/ Memory Capacity	Printer/Record every 20 minute /100,000data