



**-105°C Ultra Low Temperature Chest
Freezers LD-LCF-E12**

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Overview

-105°C Ultra Low Temperature Chest Freezer LD-LCF-E12 is a digital microcomputer-controlled unit, offers 58 L of holding capacity with -105°C of cooling performance. Features self-overlapping refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

Features:

- A digital microcomputer-controlled unit with large holding capacity
- -105°C of cooling performance, targeted and effective refrigeration
- Self-overlapping refrigeration system, uniform and targeted refrigeration
- Branded compressor and evaporator with fluorine-free refrigerant
- 304 stainless steel liner, air pressure balance design and universal caster
- LED display, convenient setting and monitoring of running parameters
- Safety door lock design, safe and secure sample storage
- Ultra-thick foam layer and double sealed door, effective cooling effect
- Advanced alarm system and multiple protection functions, safe operation
- High-efficient, stable and reliable unit for safe and secure storage

Applications:

-105°C Ultra Low Temperature Chest Freezer is used to preserve viruses, bacteria, RBCs, WBCs, skin, bone, biological products etc. across hospitals, laboratories, military and chemical industries, research institutes etc.

Specifications:

Power	350 to 700 W
Cabinet	Chest
Casters	Universal casters
Display	LED
Capacity	58 L
Compressor	1 pc
Controller	Microcomputer
Net Weight	83 kg
Refrigerant	Fluorine-free

Alarm System	High/Low temperature, Sensor fault etc.
Defrost Mode	Manual
Power Supply	AC 187 V to 242 V
Climate Class	N
Cooling Performance	-105°C
Protection Function	Password protection, Frequent start protection, Sensor failure etc.
External Dimension (WxDxH)	670x765x1025 mm
Internal Dimension (WxDxH)	410x410x385 mm