



-86°C ULT Freezer Upright LUF-86-301



Labocon -86°C Ultra Low Temperature Freezer Upright LUF-86-100 Series ensures safe long-term storage of samples at -86°C with 1°C temperature precision. It offers reliable operation, user-friendly microprocessor controller with digital display.

Features

- 304 SS inner chamber and round corner for friendly use and easy cleaning
- 2 insulated inner door to ensure good temperature uniformity
- Insulation material and its thickness: High density Polyurethane foam with thickness of 155mm & Advance Six side VIP (Vacuum Insulated Panel: 1.8 Inches)
- Special designed structure for sample storage, able to store 40000 samples.
- 4 caster with stopper for easy moving and fixation
- 3 adjustable shelves for easy storing
- Special designed service-free drainage system
- Accurate temperature controller with 0.1°C accuracy
- High-efficiency hydrocarbon refrigerant cascade system, saves energy up to 50%
- Safety door lock and controller setting password to prevent unauthorized access.
- Build-in back-up battery to power control system for 72 hours when power failure
- Visual and audible alarm system: High/low temperature, power failure, sensor failure, door ajar, condenser clean, high ambient.
- Power failure protection: turns on delay of the cooling system after power failure
- Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when controller or two sensors fail.
- Condenser clean alarm to remind the user to clean the freezer regularly. □
Optional: CO2/LN2 back up system, Chart recorder

Application

Labocon -86°C Ultra Low Temperature Freezer Upright LUF-86-100 Series is widely used in hospitals, clinics, blood banks and research institutes for incubation or preservation of plasma, tissue cultures, microbial cultures etc.

Specifications:

Model	LUF-86-301
Capacity	588L
Temp. Range	-60°C to -86°C
Ambient Temp. Range	10°C to 32°C
Display	Digital
Compressor	2
Refrigerant	CH refrigerant
Cooling Type	Direct cooling
Cooling System	Cascade system
Drawers/Shelves	3
Inner Door	2
Inner Dimension	606x738x1310 mm
Overall Dimension	872x1192x1994.5 mm
Drawers/Shelves	3
Inner Door	2
Test Hole	1x25 mm
Power Supply	220 V 50 Hz

Images