



-45°C Blast Freezer



Cooling system:

- Two single-stage refrigeration systems, mixed refrigerants, quick cooling, high efficiency, low noise.
- Famous brand compressor, fan motor, reliable operation
- CFC free refrigerants, environmental friendly.

Control system

- Imported electronic controller, digital display, PT100 sensor, the temperature control more accurate
- The temperature inside freezer can be adjusted in the temperature range.
- High and low temperature alarm and sensor fault alarm for safe operation.

Construction & design

- Dual gaskets ensure good seal
- High density extra thick insulation provide good insulation of heat
- Copper tube evaporator and simple cooling system construction ensure reliable operation.
- Casters with lock, easy moving.

SPECIFICATIONS

Model	LSD-10
Cabinet Construction(External)	Powder Coated Steel Panel
Cabinet Construction (Internal)	Stainless Steel Panel
Thickness of Foam Insulation	125 mm thick CFC-free Urethane
Temperature working range	-10°C to -45°C (adjustable)
Temp. Setting & Display	Digital Display to 1°C
Controls panel/ Sensor	Touch-pad icon based control/ NTC
Alarm system	Audible and Visual alarms with battery back-up
Alarm conditions	High & Low alarm, system failure alarm
Refrigerant	Mixed CFC refrigerants
Power Supply	220V/50Hz
Power Input	1500 Watts
Capacity	228 litres
Size of pan DxWxH (mm)	500 x 350 x 20
Quantity of pan	6 pcs
Ambient Temperature	16°C to 32°C
Empty cooling speed	From +25°C to -45°C within 30 minutes
Frozen speed with loads	1 hour (loads:10kg)
Overall dim (mm) WxDxH	760 x 820 x 1675
Internal dim (mm) WxDxH	510 x 440 x 1010
Net/gross weight	200/230 kg
Outer Door	Single Foamed Swing Door
Inner Door	3 Stainless Steel Inner Doors
Door seal	Double Door Gaskets
Door Lock	1 unit of door lock with key
Certification	ISO9001, ISO13485