OPLINE LAB

-86°C Ultra Low Temperature Freezer TL-86V338

Ultra Low Temperature Freezer are specially designed to store samples products.



◎Features:

- Two-compressor cascade refrigeration system specially designed for cryogenic applications.
- Wide available voltage range: 198V~242V.
- Ambient temperature range :10°C～32°C.
- Accurate Temperature control technology to make the temperature maintain -40C~-86Cand accuracy 0.1 °C.
- Removable heat exchanger, almost all of the relevant components of the cooling system could be maintained and replaced.
- Realize historical temperature curve query and download.
- Independent switch, standard USB port, easy to download data
- HC refrigeration system, energy saving 50%.
- VIP II PLUS technology, special narrow design for entering elevators.

◎Safety:

- Build-in back-up battery to display temperature and to operate audible and visual alarm system for up to 72 hours without AC power.
- Visual and audible alarm system: High/low temperature, Power failure, Abnormal voltage,Sensor error,Filter screen check, Low battery,Condenser clean, High ambient temperature,Door ajar alarm.
- Power failure protection: turn on delay of the cooling system when power failure,restart delay protection.
- Keyboard lock, password protection to avoid set parameter randomly.
- Special noise reduction design.

◎Humanized design:

- 4 casters with stopper for easy moving and fixation.
- Standard 25mm test hole for easy connecting to temperature monitoring systems.
- 3 adjustable shelves for easy storing.
- Visual and audible alarm and all alarm can be through reserved for remote alarm port remote alarm.
- Removable condenser front cover convenient for cleaning and maintenance.
- With the function of hand-written artboard, convenient for customers to record temporary information.
- With A4 paper slot function, convenient for customer management and equipment related information.

◎Special:

Patented technology, HC refrigerant.
Standard remote alarm port 10 visual and audible alarms.

Performance	
Temperature Range	-40~-86°C
Ambient Temperature	+10~+32°C
Controller	Microprocessor
Display	Digital Display

Refrigeration System	
Compressor/Brand	2/SECOP
Refrigerant	HC
Cooling Type	Direct cooling
Defrost Type	Manual

Electrical Data	
Power Supply(V/Hz)	220~240V/50~60;115/60
Rated Power(W)	870
Electrical Current(A)	6.75
Power Consumption	12.8 kWh/24h
Power failure alarm	72H

Dimensions	
Capacity	338L
Interior Size(W*D*H)	488*607*1140mm
Exterior Size(W*D*H)	880*980*1940mm
Package Size(W*D*H)	940*1070*2130mm
N.t./G.t.(approx)	250/305kg
Loading Qty(20'/40'/40'H)	12/24/24

Alarm	
High/Low Temperature	Y
Sensor Error	Y
Power Failure	Y
Door ajar	Y
Ambient temp.	Y
Condenser clean	Y
Low battery	Y
Filter screen check	Y
Abnormal voltage	Y
Thermostat failure	Y

Accessories	
Caster	4
Remote alarm port	Y
Inner Door	2(stainless steel)
Shelf	3(stainless steel)
Test hole	1/25MM
Chart recorder	Optional
CO2 back up system	Optional
LN2 back up system	Optional
Cold storage box loading QTY	192
MRNA vaccine can be stored	19200pcs