



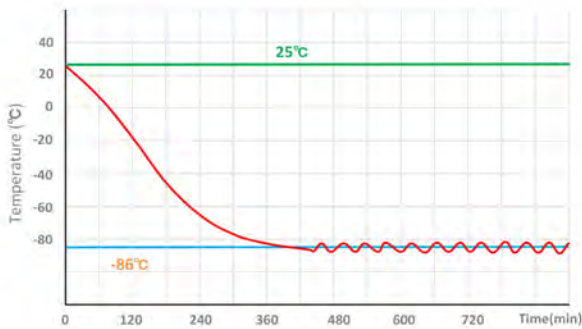
338 liters
19,200 samples



CASCADE SYSTEM ULT SERIES

-86°C ULT freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis. Applications can be found in blood banks, hospitals, edipemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

CASCADE SYSTEM

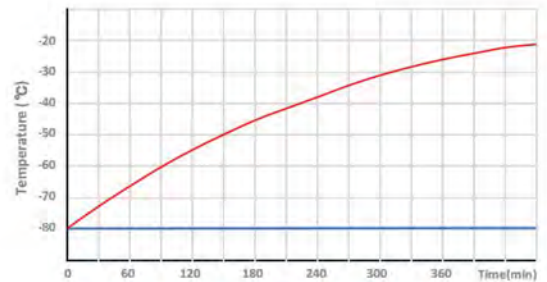


Pull down test at ambient temp. 25°C



Super-stable Cooling System

As the most mature ultra-low temperature refrigeration technology in the world, the cascade refrigeration technology has the characteristics of stable performance, easy maintenance and long service life.



Pull up test at ambient temp. 25°C



Advanced thermal insulation

Advanced insulation materials and interior design of multiple independent spaces make ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.



MDF-86V838



MDF-86V728



MDF-86V588



MDF-86V408



MDF-86V338

338 -838 liters
19,200-60,000 samples
for options

The ULT freezers are made of color sprayed anti-bacterial and anti-corrosion cold-rolled steel. Various configurations and humanized designs bring great convenience to users.

- File box**
Easy to place log files
- Ergonomic handle**
Easy open
Lock&keys
Padlock hole
- Quick-release filter**
Easy open & Quick clean
- 7" touch screen**
All information display
Air pressure balance valve
- USB interface**
White board
- Heavy duty castors**
Universal wheels

- Access port**
- Remote interface**
RS232/485
- Power on/off**

FEATURERS



7" LCD touch screen
Easy operation and observation



Smart Operating System
Authorities, alarms, curve & events



Multi-layer sealing design
Better sealing, better insulation



International certifications
ISO9001, ISO13485 & CE verified



Eco-friendly
CFC-free refrigerant & insulation



Energy saving
More efficient cooling system





SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	HC (R290&R170)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temperature range	-40°C ~ -86°C	System	Cascade system	Abnormal voltage	Y
Ambient temperature	10~32°C	Sensor	PTC	Sensor error	Y
Display	7" LCD touch screen	Compressor brand/QTY	SECOP/2	Door ajar	Y
Access port QTY/Dia.	1/25mm	Capacity(L/cu.ft)	338/11.93	Filter screen check	Y
USB Access	Y	Insulation	PURF	Thermostat failure	Y
Remote alarm Access	RS232/485	Inner door material/QTY	Foamed SUS304/2	Low battery	Y
Outside material	Color sprayed steel	Racks	12(4X4)	Condenser clean	Y
Inside material	SUS304	Boxes (2 Inches)	192	High ambient temperature	Y
Castor	Universal	Samples(2ml)	19,200	Door ajar	Y
				Power failure backup (alarm)	72h

Electrical Data		Dimensions		Accessories	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	935*1070*2128	Chart recorder	Optional
Power(W)	870W	Exterior size(W*D*H)(mm)	854*1072*1907	Data logger	Optional
Current(A)	7.93A	Interior size(W*D*H)(mm)	488*607*1140	CO2 back up system	Optional
Power consumption	14.13Wh/24h	Shipping CBM	2.14	LN2 back up system	Optional
Noise(db)	50	N.W/G.W(kg)	286/306	Gloves	Optional

ACCESSORIES



LN2/CO2 backup system



Data logger



Chart recorder



Racks & Boxes



Gloves