



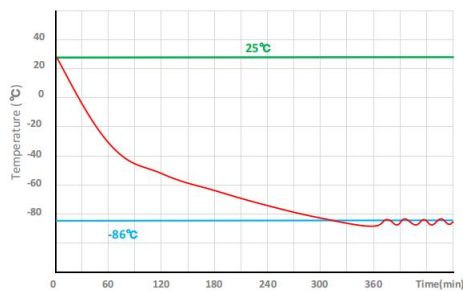
838 liters
60,000 samples



AUTO-CASCADE SYSTEM 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.

PROMED AUTO-CASCADE SYSTEM



Pull down test at ambient temp.



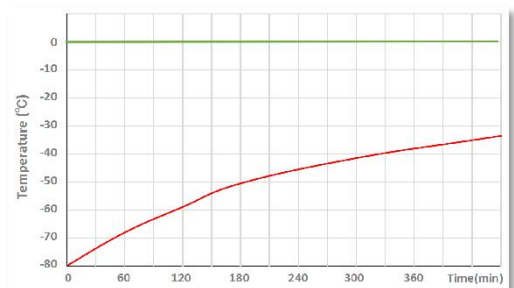
Super-cooling technology

The powerful cooling system drives the unique mixed refrigeration system for fast cooling down. This system is stable, energy saving and easy maintenance

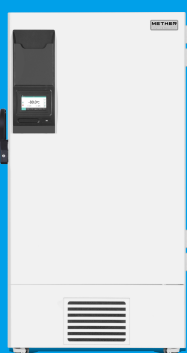


Advanced thermal insulation

The ULTs are designed with the latest generation of VIP technology to achieve thermal conductivity of 0.005 W(m.K). That makes ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of energy saving as well as space-saving.



Pull up test at ambient temp. 25°C



58 -838 liters
2,400-60,000 samples

EXTERNAL STRUCTURE

File box
Easy to place log files

Ergonomic handle
Easy open
Lock&keys

Quick-release filter
Easy open & Quick clean

7" touch screen
Vacuum release port
USB data logger

Heavy duty castors
Universal wheels

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.

Access port

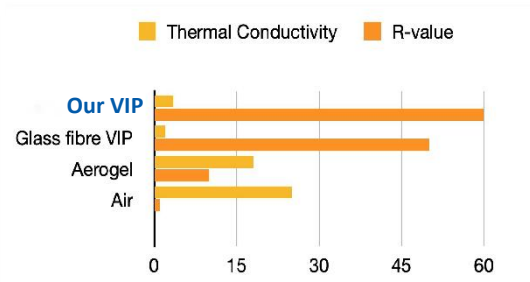
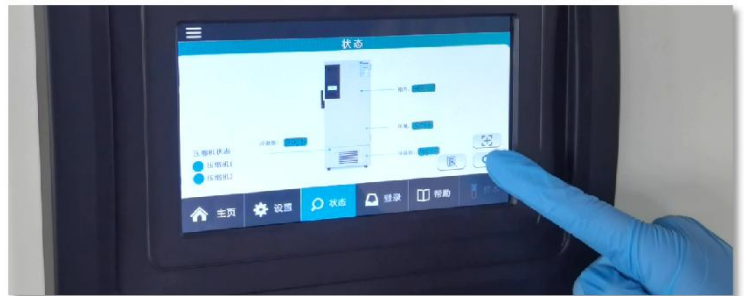
Remote interface
RS232/485

USB interface
Power on/off

FEATURES

7" LCD touch screen
Easy operation and observation

Smart Operating System
Authorities, alarms, curve & events

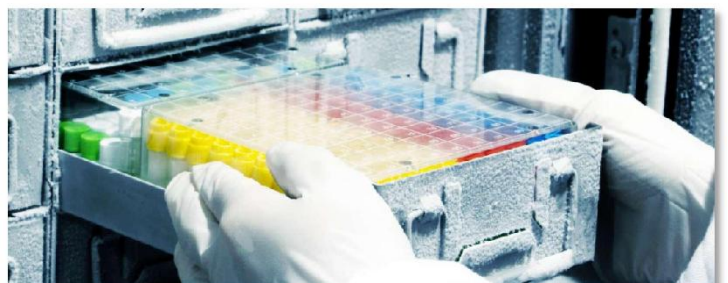


Advanced
Fumed Silicon V.I.P &

Multi-layer
Foamed inner doors with

Eco-friendly
CFC-free refrigerant & insulation

Energy saving
More efficient cooling system



INTERNAL STRUCTURE



Adjustable shelves



PTC sensor



Pressure-regulated inner door handle



Multi-layer silicone sealing gaskets
Low temperature resistance



SUS 304 inner door filled with PURF
Detachable design

ALL
SUS 304
inside



SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	R4001(mixed gas)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temperature range	-40°C~-86°C	System	Auto-cascade	Abnormal voltage	Y
Ambient temperature	10~32°C	Sensor	PTC	Sensor error	Y
Display	LED digital	Compressor brand/QTY	SECOP/2	Door ajar	Y
Access port QTY/Dia.	1/25mm	Capacity(L/cu.ft)	728/25.7	Filter screen check	Y
USB Interface	Yes/1	Insulation	PURF+VIP	Thermostat failure	Y
Remote alarm Access	Y	Inner door material/QTY	Foamed SUS304/2	Low battery	Y
RS485 Access	Y	Racks	18(5x4)+6(6x4)	Condenser clean	Y
Outside material	Color sprayed steel	Boxes (2 Inches)	504	High ambient temperature	Y
Inside material	SUS304	Samples(2ml)	50,400	Power failure backup (alarm)	72h
Castor	Universal				
Electrical Data		Dimensions		Accessories	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	1270*1100*2185	Chart recorder	Optional
Power(W)	1700W	Exterior size(W*D*H)(mm)	1179*1135*1994.5	Data logger	Optional
Current(A)	10.75A	Interior size(W*D*H)(mm)	894*718*1310	CO2 back up system	Optional
Power consumption	19.98KWh/24h	Shipping CBM	3.05	LN2 back up system	Optional
Noise(db)	55	N.W/G.W(kg)	332/407	Gloves	Optional

ACCESSORIES



LN₂/CO₂ backup system



Data logger



Chart recorder



Racks & Boxes



Gloves