

YR05110

-86°C Ultra Low Temperature Freezer



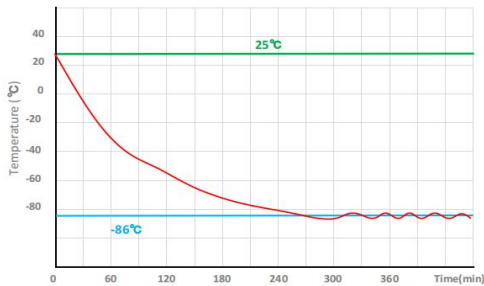
728 liters
50,400
samples



AUTO-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.

AUTO-CASCADE SYSTEM



Pull down test at ambient temp.



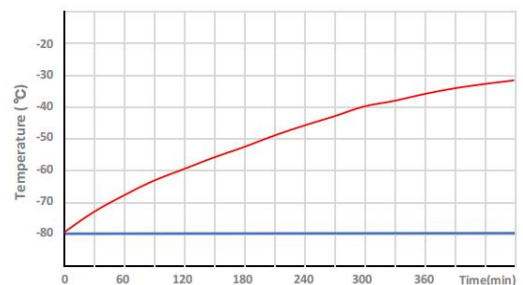
Advanced thermal insulation

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.



Super-cooling technology

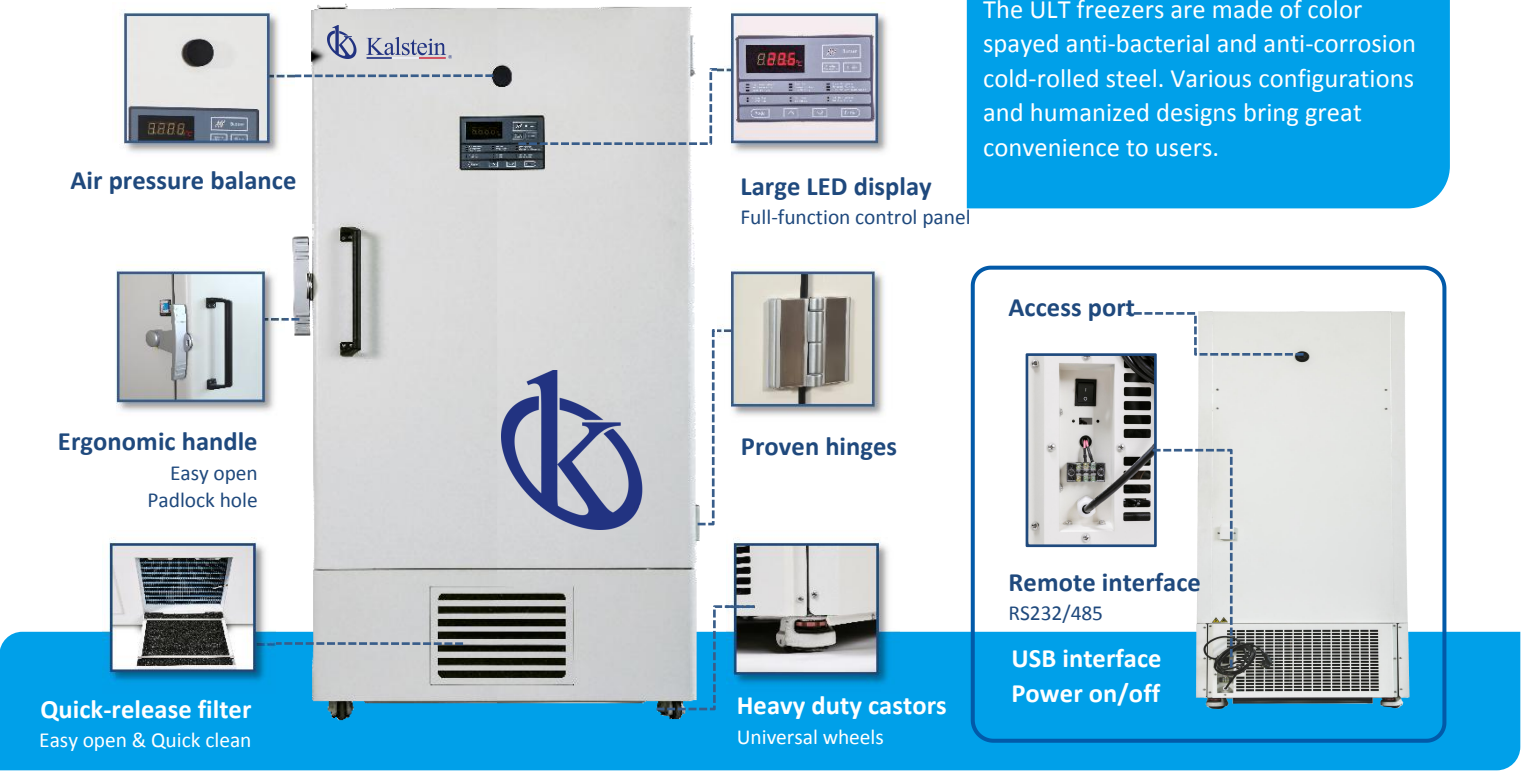
Auto-ascade cooling system is designed with a powerful compressor which drives the unique mixed fast for fast cabinet cooling down. The system is simple in construction, energy saving and easy maintenance.



Pull up test at ambient temp. 25°C

EXTERNAL STRUCTURE

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.



FEATURERS

Large LED display
Full-function control panel

10 types of Alarms
Audible and visual alarms



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



INTERNAL STRUCTURE



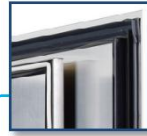
Adjustable shelves



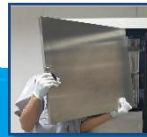
PTC sensor



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℃~-86℃	System	Auto-cascade	Abnormal voltage	Y
Ambient temperature	10~32℃	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 Intereface	Yes/1	Insulation	PURF+VIP	Thermostat failure	Y
Remote alarm Access	RS232/485	Inner door material/QTY	Foamed SUS304/2	Low battery	Y
Outside material	Color sprayed steel	Racks	18(5x4)+6(6x4)	Condenser clean	Y
Inside material	SUS304	Boxes (2 Inches)	504	High ambient temperature	Y
Castor	Universal	Samples(2ml)	50,400	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)	1320*970*2185	Chart recorder	Optional
Power(W)	1400W	Exterior size(W*D*H)(mm)	1229*1012*1994.5	Data logger	Optional
Current(A)	10.37A	Interior size(W*D*H)(mm)	963*571*1350	CO2 back up system	Optional
Power consumption	23.44Wh/24h	Shipping CBM	2.79	LN2 back up system	Optional
Noise(db)	53	N.W/G.W(kg)	374/394	Gloves	Optional

OPTIONAL ACCESSORIES



LN₂/CO₂ backup system



Data logger



Chart recorder



Racks & Boxes



Gloves