



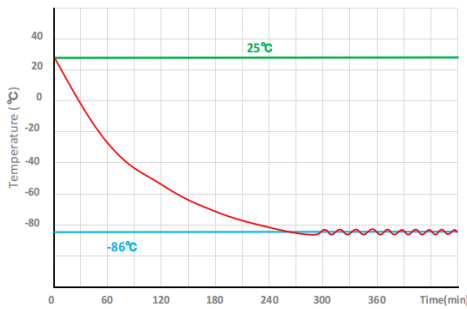
340 liters  
19,200  
samples



### Axofreeze 340E

-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.

### Axofreeze AUTO-CASCADE SYSTEM



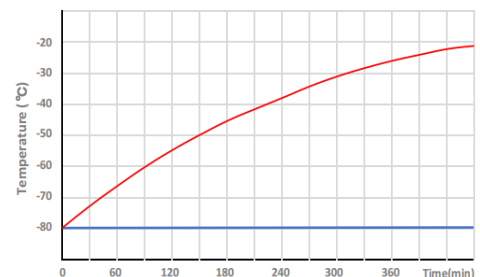
Pull down test at ambient temp. 25°C

### ❄ Super-cooling technology

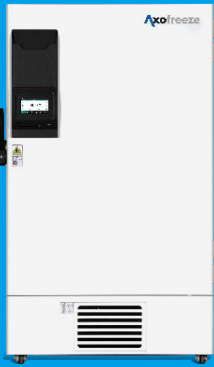
The powerful cooling system drives the unique mixed refrigeration system for fast cooling down. This system is stable, energy saving and easy maintenance.

### ❄ Advanced thermal insulation

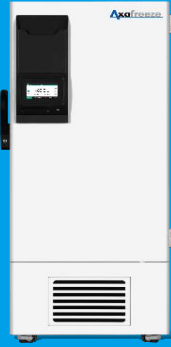
The insulation are designed with the latest generation of VIP technology to achieve thermal conductivity of 0.005 W(m.K). That makes ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of energy saving as well as space-saving.



Pull up test at ambient temp. 25°C



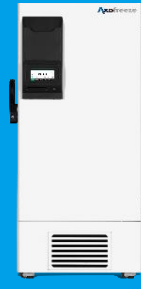
AxoFreeze 728D



AxoFreeze 588D



AxoFreeze 408E



AxoFreeze 340E



AxoFreeze 58E

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

## EXTERNAL STRUCTURE



### File box

Easy to place log files



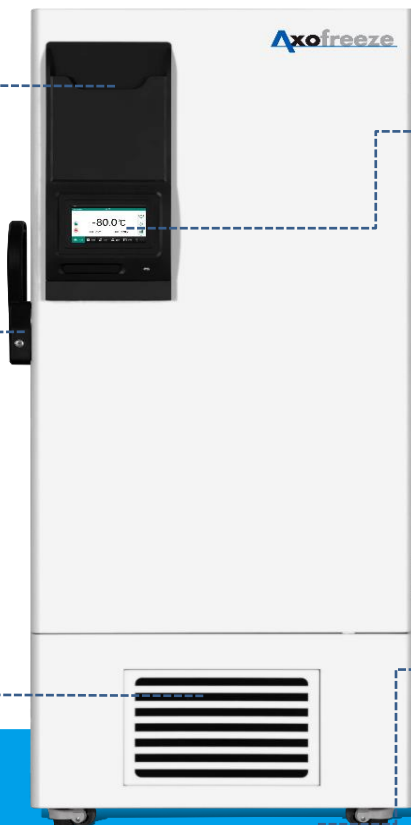
### Ergonomic handle

Easy open  
Lock&keys  
Padlock



### Quick-release filter

Easy open & Quick clean



7" touch screen  
Vaccum release port  
USB data logger



### Heavy duty castors

Universal wheels

freezers are made of color spayed 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



## FEATURERS



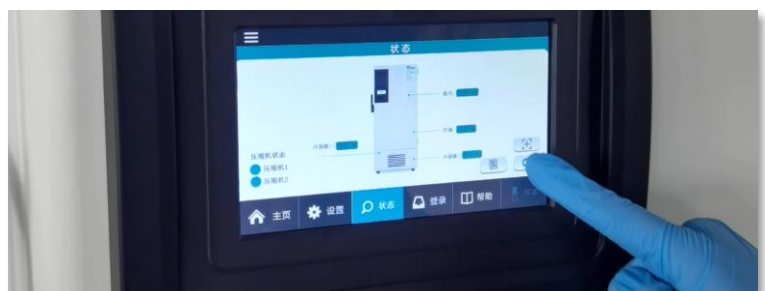
### 7" LCD touch screen

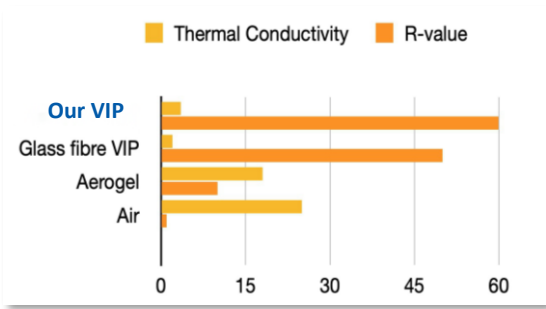
Easy operation and observation



### Smart Operating System

Authorities, alarms, curve & events





**Advanced insulation tech**  
Fumed Silicon V.I.P & PURF



**Multi-layer sealing design**

Foamed inner doors with silicon



**Eco-friendly**

CFC-free refrigerant & insulation



**Energy saving**

More efficient cooling system

## INTERNAL STRUCTURE



Adjustable shelves



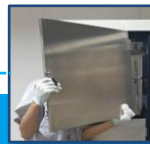
PTC sensor



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 100	Sensor error	Y
Display	LCD touch display	Compressor brand/QTY	SECOP/1	Door ajar	Y
Access port QTY/Dia.	1/25mm	Capacity(L/cu.ft)	340/12	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
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	Power failure backup (alarm)	72h
RS485 Access	Y				

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)	810W	Exterior size(W*D*H)(mm)	854*1006*1907	Data logger	Optional
Current(A)	5.13A	Interior size(W*D*H)(mm)	488*607*1140	CO2 back up system	Optional
		Shipping CBM	2.13	LN2 back up system	Optional
Noise(db)	52	N.W/G.W(kg)	268/288	Gloves	Optional

## ACCESSORIES



LN<sub>2</sub>/CO<sub>2</sub> backup system



Data logger



Chart recorder



Racks & Boxes

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