

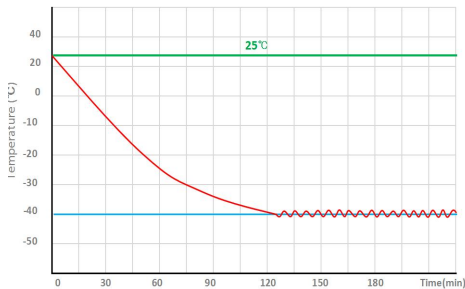


485 liters  
30,000  
samples

### AUTO-CASCADE SYSTEM CHEST DEEP FREEZER SERIES

-40°C Chest Deep 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, epidemic prevention service, and research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

### AUTO-CASCADE SYSTEM



Pull down test at ambient temp.



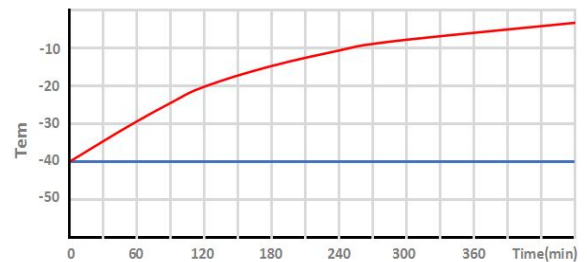
### Super-cooling technology

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



### Advanced thermal insulation

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



Pull down test at ambient temp. 25°C



## STRUCTURE

**SUS 304 stainless steel lid**  
Thick PU foamed

**Buckle**  
with padlock port

**Sturdy steel body**  
with thick PU foaming

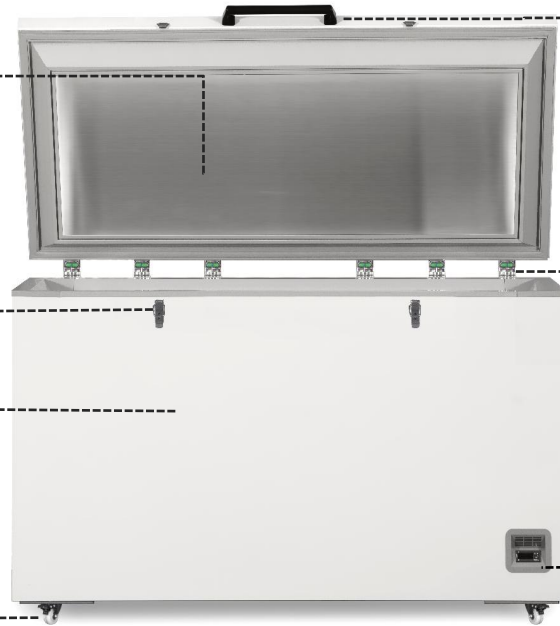
**Heavy duty castors**  
With brake

**Ergonomic handle**  
Easy open

**Proven Hings**  
Hoverable top lid

**Access port**  
for extra monitoring

**Temp. controller**  
Microcomputer



## FEATURERS



**Dixell Temp. Controller**  
Pricise and stable control



**4 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

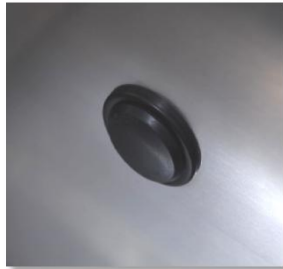


**Energy saving**  
More efficient cooling system

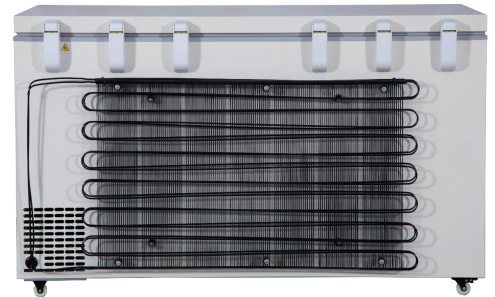


# PRODUCT DETAILS

**ALL  
SUS 304  
inside**



The deep 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**

**Optional SS racks**

**Double-layer external condenser**

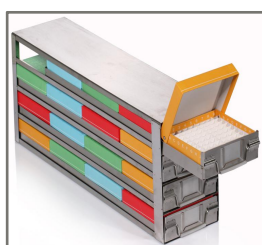
# SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	C-R290	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temperature range	-20℃~-40℃	System	Auto-cascade	Abnormal voltage	/
Ambient temperature	10~32℃	Sensor	NTC	Sensor error	Y
Display	LED digital	Compressor brand/QTY	CUBIGELN/1	Door ajar	/
Access port Qty/Dia.	1/25mm	Capacity(L/cu.ft)	485/17.12	Fiter screen check	/
USB nterface	NO	Insulation	PURF	Thermostat fallure	Y
Bemote alarm Access	No	Inner door material/QTY	/	Low battery	/
Outside material	Color sprayed steel	Optional Racks	24(11x1)+6 6x1)	Condenser cean	/
Inside materil	SU5304	Boxes (2 Inches)	300	High ambient temperature	/
Castor	Universal	Samples(2ml)	30,000	Power failure backup (alarm)	/
Electrical Data		Dimensions		Accessories	
Voltage frequency(V/Hz)	220V50Hz/60Hz	Package size[W*D*H](mm)	1710×885×1020	SU5304 Racks	Optional
Power(W)	295W	Exterior size(W*D*H)(mm)	1655×755×915	Data logger	Optional
Current(A)	2.45A	Interior size(W*D*H)[mm]	1455×525×665	Baskets	Optional
Power consumption	3.45KWh/24h	Shipping CBM	1.55	Gloves	Optional
Noise(db)	55	N.W/G.W(kg)	124/138		

# ACCESSORIES



**Data logger**



**Racks & Boxes**



**Gloves**



**Baskets**