

# LTF86-105L

## -86°C Ultra Low Temperature Freezer



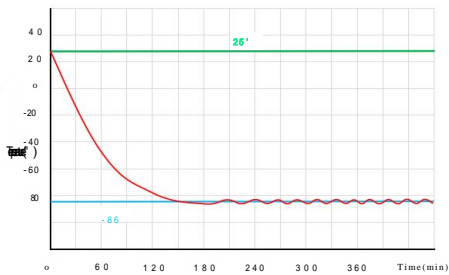
105 liters  
3,400  
samples



### AUTO-CASCADE SYSTEM CHEST ULT SERIES

-86°C L T F 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

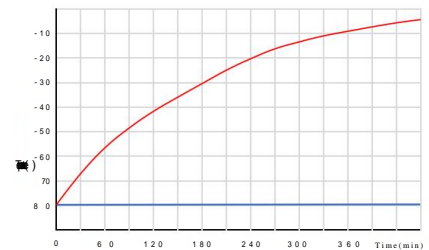


Pull down test at ambient temp.



### Super-cooling technology

Auto-ascade 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 LTF's more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.



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

# STRUCTURE



The L T F 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



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



**4 types of alarms**  
Audible and visual alarms



**Multi-layer sealing design**  
Better sealing, better insulation



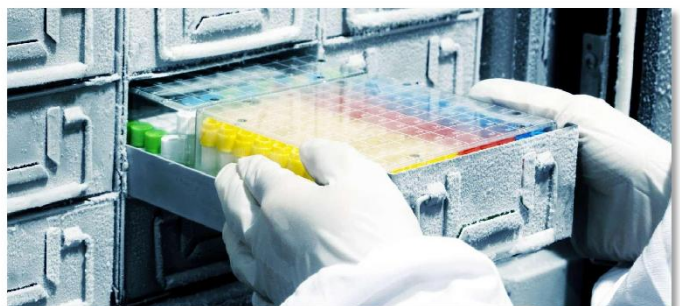
**International certifications**  
ISO9001, ISO13485 & CE verified



**Eco-friendly**  
CFC-free refrigerant & insulation

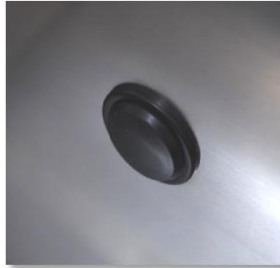


**Energy saving**  
More efficient cooling system



# PRODUCT DETAILS

ALL  
SUS 304  
inside



Access port



Optional SS racks

## SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	R4001(mxed gas)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temperature range	-40°C~-86°C	System	Auto-cascade	Abnormal voltage	/
Ambient temperature	10~32°C	Sensor	PTC 100	Sensor error	Y
Display	LED digital	Compressor brand/QTY	CUBIGEL/1	Door ajar	/
Access port QTY/Dia.	1/25mm	Capacity(L/cu.ft)	105/3.7	Filter screen check	/
USB Intereface	NO	Insulation	PURF	Thermostat failure	Y
Remote alarm Access	NO	Inner door material/QTY	/	Low battery	/
Outside material	Color sprayed steel	Racks	2(11x2)+2(6X1)	Condenser clean	/
Inside material	SUS304	Boxes (2 Inches)	34	High ambient temperature	/
Castor	Universal	Samples(2ml)	3,400	Power failure backup (alarm)	/

Electrical Data		Dimensions		Accessories	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	770*705*1090	Chart recorder	Optional
Power(W)	500W	Exterior size(W*D*H)(mm)	680*580*935	Data logger	Optional
Current(A)	2.53A	Interior size(W*D*H)(mm)	480*380*665	CO2 back up system	Optional
Power consumption	4.79KWh/24h	Shipping CBM	0.6	LN2 back up system	Optional
Noise(db)	50	N.W/G.W(kg)	65/70	Gloves	Optional

## ACCESSORIES



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



Data logger



Chart recorder



Racks & Boxes



Gloves