

## -86°C Ultra Low Temperature Freezer (BL-ULT-838E)

Various biological products, such as viruses, germs, erythrocytes, leucocyte, and cutis can be stored for extended periods of time in the specially designed -86°C ULT freezer. This freezer can be utilized in blood banks, hospitals, epidemic prevention services, research institutes, biological engineering institutes, electronic and chemical plants, and laboratories.



### Features:

- Super-cooling technology
- Advanced thermal insulation
- 7" touch screen
- Vacuum release port
- USB data logger
- Smart Operating System
- Advanced insulation tech
- Multi-layer sealing
- Eco-friendly
- Energy saving

### Specifications

BASIC	
COOLING METHOD	Direct Cooling
DEFROST	Manual
TEMPERATURE RANGE	-40°C~-86°C
AMBIENT TEMPERATURE	10~32 °C
DISPLAY	LED digital
ACCESS PORT QTY/DIA.	1/25 mm
USB INTEREFACE	Yes/1
REMOTE ALARM ACCESS	RS232/485
OUTSIDE MATERIAL	Color sprayed steel
INSIDE MATERIAL	SUS304
CASTOR	Universal
REFRIGIRATION SYSTEM	
REFRIGERANT	R4001(mixed gas)
TEMP, CONTROLLER	Microprocessor
SYSTEM	Auto-cascade
SENSOR	PTC
COMPRESSOR BRAND/QTY	SECOP/2
CAPACITY(L/CU.FT)	838/29.59
INSULATION	PURF+VIP
INNER DOOR MATERIAL/QTY	Foamed SUS304/2
RACKS	24(5X5)
BOXES (2 INCHES)	600
SAMPLES(2ML)	60000

ALARMS	
HIGH/LOW TEMPERATURE	Y
POWER FAILURE	Y
ABNORMAL VOLTAGE	Y
SENSOR ERROR	Y
DOOR AJAR	Y
FILTER SCREEN CHECK	Y
THERMOSTAT FAILURE	Y
LOW BATTERY	Y
CONDENSER CLEAN	Y
HIGH AMBIENT TEMPERATURE	Y
POWER FAILURE BACKUP (ALARM)	72h
VOLTAGE/POWER	
VOLTAGE FREQUENCY(V/HZ)	220V 50Hz/60Hz
POWER(W)	1700W
CURRENT(A)	10.75A
POWER CONSUMPTION	19.98KWh/24h
NOISE(DB)	55
DIMENSIONS	
PACKAGE SIZE(W*D*H)(MM)	1270*1100*2185
EXTERIOR SIZE(W*D*H)(MM)	1160*1172*1994.5
INTERIOR SIZE(W*D*H)(MM)	894*718*1310
SHIPPING CBM	3.05
N.W/G.W(KG)	391/424

## Accessories (Optional)



LN<sub>2</sub> / Co<sub>2</sub> Backup System



Data Logger



Chart Recorder



Racks & Boxes



Gloves



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