

New Product

-150 °C Cryogenic Freezer

The cryogenic freezer is designed for applications for low temperature scientific experiments, and long term preservations of cells, DNA, bone material, bacteria etc., and can be an alternative to LN2 tanks.



DW-UW128C

12
Mins

Recovery time after one minute of opening the door

370
Mins

Cooling rate/min (25 °C ambient temperature)

1.8
°C

Temperature uniformity

Features



Reliable system
Safety and stability.



Superior insulation
Excellent insulation performance



Hydrocarbon refrigerant
Environment-friendly natural gas



Touch screen
10" LCD touch



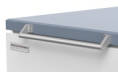
Data interface
USB interface,
Remote alarm contact,
RS485



Alarms warn system
Composed of multiple alarm notifications

Structure

Integrated handle



304 stainless steel liner



Circuit breaker for electrical protection



Heavy duty casters with leveling feet



Remote alarm contact



Touch screen

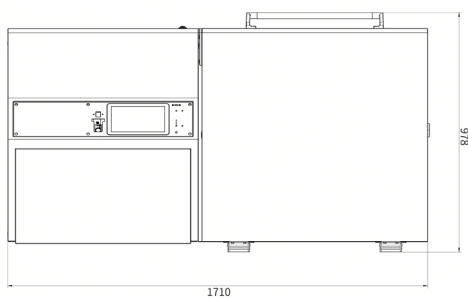
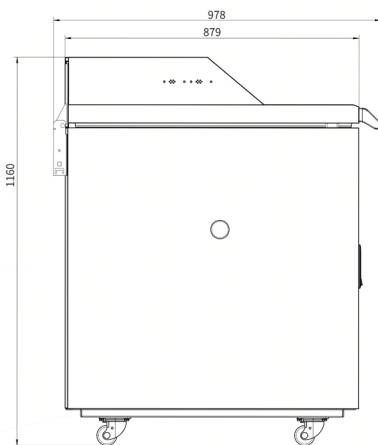
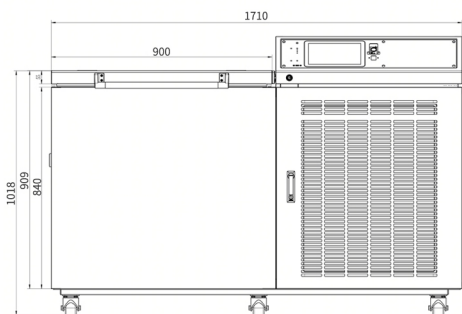


RS485



Access port





-150 °C Cryogenic Freezer

Model	DW-UW128C
Capacity(L)	128
Temperature range (°C)	-110~-150°C
Ambient temperature(°C)	16~32°C
Climate Class	N
Internal dimensions (W x D x H mm)	510*460*540
External dimensions (W x D x H mm)	1710*978*1160
Net/Gross Weight(kg)	388/530

Refrigeration system

Cooling method	Direct cooling
Defrost method	Manual
Refrigerant	Mix
Compressor	1pc
Insulation material	VIP+PU
Insulation thickness(mm)	D:100,L:R200,B:200

Control system

Controller	Microprocessor
Display	Touch screen
Display increment	0.1°C
Access method	Password
Alarms	High/Low temperature, Power failure, low battery, Sensor failure, communication error, door ajar, Condenser overheating alarm, battery power detection failure
Alarm mode	Audible, Visual and Remote alarm
Backup battery	Yes
Sensor	PT1000/NTC

Construction

External material	Cold rolled steel
Internal material	Stainless steel
Shelves/drawers	/
Shelf material	/
Shelf capacity	/
Access port	1pc. 40mm
Lock with key	Yes
Castor/feet	6

Data logging & external connection

USB interface	Yes
Remote alarm contact	Yes
RS485	Yes

Electrical Data

Power supply(V,Hz)	220/50
Power(W)	4400
Rated Current(A)	27.6
Energy consumption(kWh/24h):	66.29
Noise dB(A)	66.5
Options	Printer, fingerprint card access method