

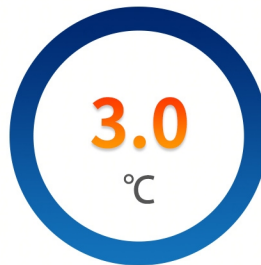
Dual Cooling System

-86°C ULT freezer

-86°C Ultra Low Temperature Freezer built up by two independent refrigeration systems and the Dual Cooling System offers the highest level of protection, If you stop any compressor by disconnecting it the other can maintain the freezer around the -80°C. Valuable and irreplaceable samples can always be securely stored with the highest confidence even if the compressor fails.



DW-HL778T



*Temp.Uniformity



*Pulling Down to -80°C



Daily Consumption

*Typical freezer data based on internal testing with freezer setpoint at -80°C and ambient temperature at 25°C.

Features



Dual System

Two high-efficiency refrigeration systems



Touch Screen

10"LCD touch screen



Extreme Labor-saving

Ergonomic handle



Compressors

Two compressors



Vacuum Insulation

VIP insulation foaming



Alarms System

12 kinds of alarm functions

Structure

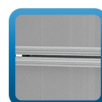
Stainless Steel Shelf



Access Port



Insulated Inner Doors



Heavy Duty Casters with Leveling Feet



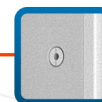
Card (Standard)& Finger Print Access (Optional)



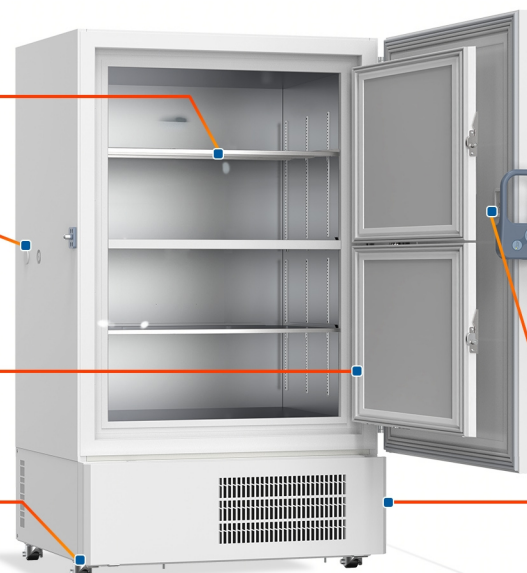
Ergonomic Handle

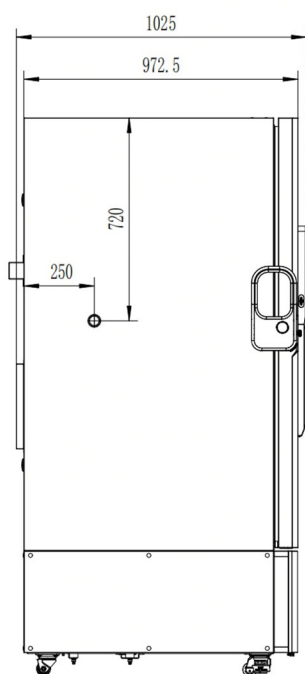
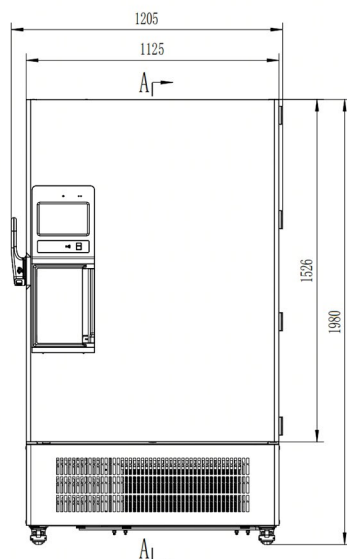


Heated Vacuum Relief Port



Circuit Breaker for Electrical Protection





Options

- Modbus protocol for data transfer
- Comforms to 21 CFR 11 regulation
- CO₂ /LN₂ back up system
- Electromagnetic lock

-86°C Ultra-low Temperature Freezer	
Model	DW-HL778T
Capacity	778L
Internal Size (W*D*H) mm/Inch	865*696*1286/34.06*27.4*50.63
External Size (W*D*H) mm/Inch	1205*1025*1980/47.44*40.35*77.95
Package Size (W*D*H) mm/Inch	1285*1145*2127/50.59*45.1*83.7
NW(kgs/lbs)	338/745.2
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16~32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	10"HD Intelligent Touch Screen
Refrigeration	
Compressors	2pcs
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerants	HC
Insulation Thickness(mm)	D:100, L/R:130, B:130
Construction	
External Material	Cold Rolled Steel
Inner Material	Galvanized Sheet(Optional Stainless Steel)
Shelves	3(stainless steel)
Access Test Port	2pcs. Ø 25mm
Casters	4+(2 leveling feet)
Data Logging/ Interval /Memory Capacity	USB/Record every 5 Minutes/10 Years
Interface	Remote Alarm Contact, RS485, WIFI, 5V Power Interface, Network Port
Backup Battery	Yes
Alarms	
Temperature	High/Low Temperature, High Ambient Temperature, Condenser High Temperature Alarm
Electrical	Power Failure, Low battery, Battery Power Detection Failure
System	Data Communication Failure, Door Ajar, Condenser Sensor Failure, Temperature Sensor Failure
Electrical Data	
Power Supply(V/Hz)	220~240/50
Rated Current (A)	10.9
Accessories	
Freezer Rack Model	ZKL304-552B-CT
Freezer Rack/Box (quantity)	24/600
Others	
Certification	CE

- Inkless temperature chart recorder
- Racks, Boxes & Tubes
- Finger print access/Facial recognition