

Dual Cooling System

-86°C ULT Freezer

M-Twindrive -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-HL780



*Recovery Time After 1 Minute Door Open



*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



Inverter Technology
 Two inverter compressors

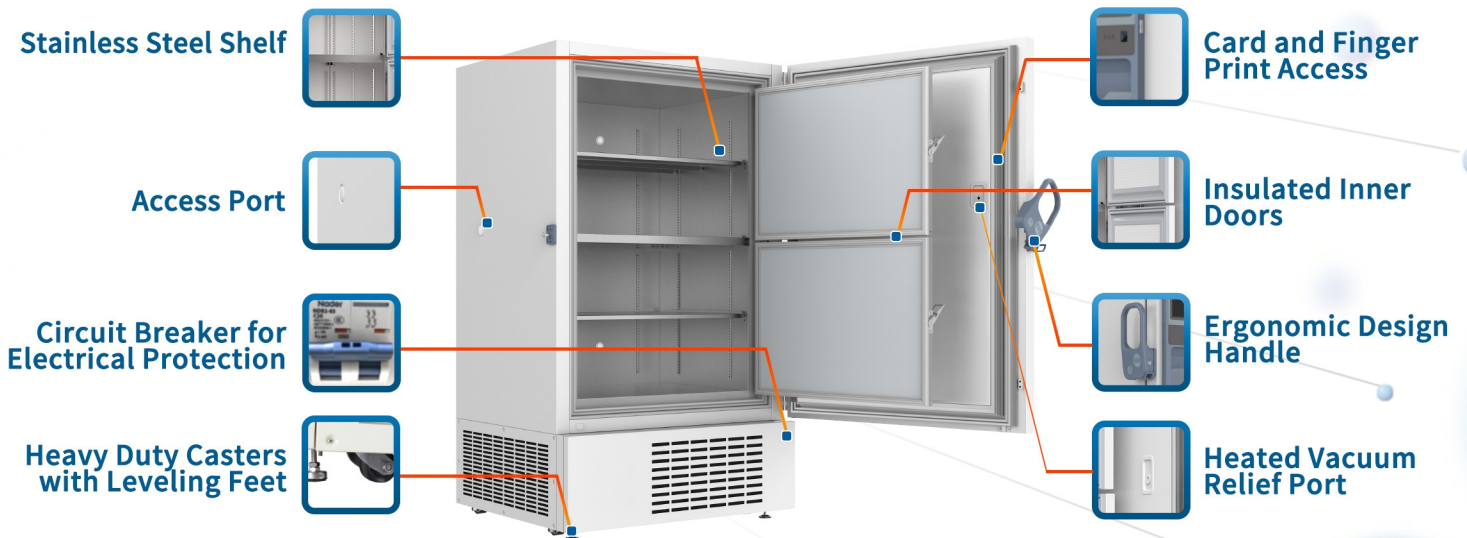


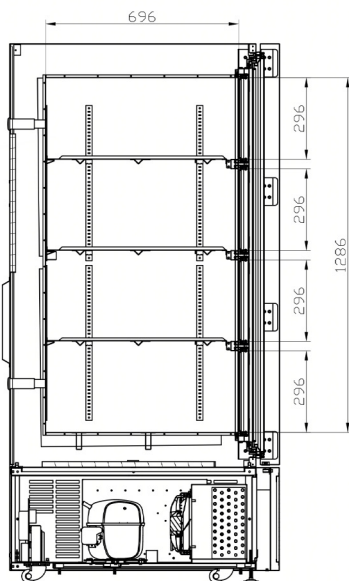
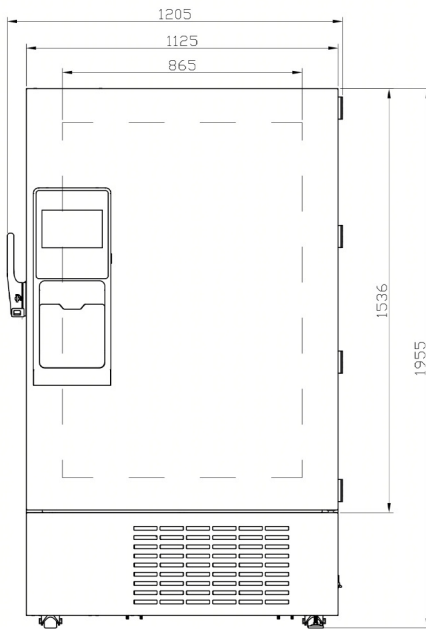
Vacuum Insulation
 VIP insulation foaming



Alarms System
 Multiple alarm functions

Structure





-86°C Ultra-low Temperature Freezer	
Model	DW-HL780
Capacity	780L/27.5Cu.Ft
Internal Size (W*D*H) mm/Inch	865*696*1286/34.06*27.40*50.63
External Size (W*D*H) mm/Inch	1205*1025*1955/47.44*40.35*76.97
Package Size (W*D*H) mm/Inch	1285*1145*2127/50.6*45.1*83.7
NW/GW (kgs)	331/393(Paper Packaging) 425(Wooden Packaging)
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	Stainless Steel
Shelves	3(stainless steel)
Access Test Port	3pcs. Ø 25 mm
Casters	4+(2 leveling feet)
Data Logging/ Interval /Memory Capacity	USB/Record every 5 minutes/10 years
Interface	Remote Alarm Contact, RS485
Backup Battery	Yes
Alarms	
Temperature	High/Low Temperature, High Ambient Temperature
Electrical	Power Failure, Low Battery, Sensor Error, Battery Power Detection Failure
System	Data Communication Failure, Door Ajar, AB System Failure
Accessories	
Freezer Rack Model	ZKL304-552B-CT
Freezer Rack/Box (quantity)	24/600
Electrical Data	
Power Supply(V/HZ)	110-230V/50&60Hz
Rated Current (A)	14.83A