

# -40°C Smart Frequency Conversion Freezer



DW-40L818BPT

## Scope of Application:

Blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries, cryopreservation of plasma, biologics and other products, and cold tests for components and materials

## Innovative Design

- ◉ Superior temperature uniformity
- ◉ Adjustable storage shelf height
- ◉ Low sound level
- ◉ Green and environmental friendly
- ◉ High-efficiency and energy-saving compressor and system

## Contact info

✉ [contact@izibio.fr](mailto:contact@izibio.fr)

🌐 [www.izibio.fr](http://www.izibio.fr)

☎ +33 (0)1 48 01 48 14

🏠 13/15 Rue Taibtout  
75009 PARIS - FRANCE





## Product Features

- 

**High-efficiency and energy-saving compressor and system**  
Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption
- 


**Green and environmental friendly**  
Hydrocarbon refrigerant, energy saving and environmental protection, built with Urethane foam insulation complies with European ROHS regulation
- 


**Superior temperature uniformity in a large storage space**  
Built-in evaporator design, and the shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet. The temperature uniformity is  $\pm 3^{\circ}\text{C}$  with the setting temperature of  $-40^{\circ}\text{C}$ .
- 


**Low sound level**  
Noise level less than 45 dB, providing a more comfortable environment
- 


**Intelligent Control**  
10-inch high-performance touch screen, sensitive touch operation. Users can check the real-time operating status


## Ergonomic Design

- 

**Microprocessor-controlled system**  
Microprocessor control, with temperature display precision at  $0.1^{\circ}\text{C}$ . Internal temperature is adjustable from  $-20^{\circ}\text{C}$  to  $-40^{\circ}\text{C}$ .
- 

**Configuration**  
Standard: RS485 interface  
Optional: Temperature recorder, USB interface. Stainless steel shelves, Blood basket.
- 

**Multiple alarm functions**  
Including high/ low temperature, sensor error, power failure, low battery, high ambient, and door ajar alarms. Alarm mode is sound and flash. And the remote alarm interface is available
- 

**Safe and secure**  
Equipped with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety
- 

**Porthole**  
Two portholes as standard, allows for independent testing of cabinet temperature



Product Parts
➤

Document holding compartment for storing size A4 paper and pens

10-inch touch screen

NFC clocking-in function  
(optional) USB port allows users to download temperature data saved up to 10 years for compliance and auditing purposes

Casters and leveling legs for ease of maneuvering and positioning



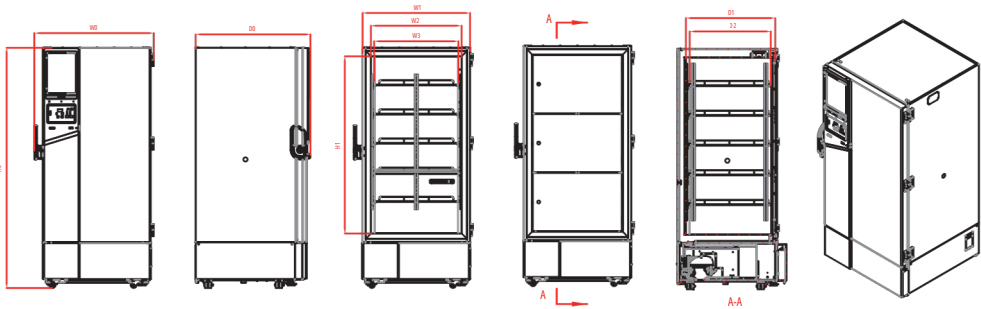
Shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet

Pressure equalization port for easy door opening

Ergonomic handle design: easy access to storage space, built in lock and padlock features

Two standard portholes allow ease of temperature testing

Product Dimension Drawings
➤



Ramark

W0=Total Width

W1=Freezer Width

W2=Inner Cabinet Width

W3=Inner Cabinet Shelf Width

D0=Total Depth

D1=Inner Cabinet Depth

D2=Inner Cabinet Shelf Depth

H0=Total Height

H1=Inner Cabinet Height

Model	Code	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-40L818BPT		988mm	890mm	750mm	698mm	951mm	755mm	671mm	1980mm	1460mm



## Specifications

Model			DW-40L818BPT
Technical Data	Cabinet Type		Upright
	Climate Class		SN N
	Cooling Type		Direct Cooling
	Defrost Mode		Manual
	Refrigerant		HC
	Sound Level (dB(A))		44
Performance	Cooling Performance (°C)		-40
	Temperature Range (°C)		-20~-40
Control	Controller		Microprocessor
	Display		Touch Screen LCD
Electrical Data	Power Supply (V/Hz)		100~230/50/60
	Power (W)		795
	Capacity (L/Cu.Ft)		818/28.9
Dimensions	Net/Gross Weight (approx)		210/240
		kg	463.0/529.1
		lbs	750*755*1460
	Interior Dimension (W×D×H)	mm	29.5/29.7/57.5
		in	988*951*1980
	Exterior Dimension (W×D×H)	mm	38.9/37.4/78.0
		in	1040*1035*2110
	Packing Dimension (W×D×H)	mm	40.9*40.7*83.1
		in	10/22/22
	Container Load (20'/40'/40'H)		10/22/22
Alarms	High/Low Temperature		Y
	Remote Alarm		Y
	Power Failure		Y
	Sensor Error		Y
	Low Battery		Y
	High Ambient Temperature		Y
	Dirty Condenser		N
	Door Ajar		Y
Accessories	Casters		Y(4)
	Leveling Feet		Y(2)
	Porthole		Y, 2*Rear, (25mm)Diameter
	Inner Doors		3
	Drawers		30- Plastic Blood Bag Drawers, Optional
	Shelves		5- Adjustable Wire Shelves
	Shelf Dimensions (W×D)(mm)		706*665
	Max. Load per Shelf (kg)		50
	USB Interface		Optional
	RS485		Y
	NFC		Optional
	Temperature Recorder		Optional
	Certificate		CE, MDR
Others			

\*Haier Biomedical reserves the right to change products and specifications without prior notice.