

-86°C ULT Freezer

— DW-86W100J



Product Application

Suitable for specialized medical institutes, scientific research institutes and biological production enterprises to store research reagents, restriction enzymes, DNA modifying enzymes, genes, organs and tissues as key examples.

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Product Advantages



Temperature Control

Microprocessor control, digital temperature display. The adjustable precision is 1 ° C. And the temperature in the unit is adjustable from -40°C to 86°C.



Security System

- Multiple fault alarms: High/Low temperature, sensor error, door ajar, condenser dirty, high ambient temperature & power failure alarms.
- Two types of alarms: Audible buzzer alarm & flashing light alarm.
- Multiple protection: Password protection & start-up delay protection.



Refrigeration System

- HC refrigeration system, energy consumption is reduced by more than 30%, which reduces the user's sample storage costs.
- Optimized cascade refrigeration technology, coupled with advanced compressors, enhancing refrigeration capacity.
- High density insulation layer, superior insulation effect.
- Unique heat insulation system design, effectively eliminates frosting.



Specifications

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Technical Data	Cabinet Type		Chest	Loading Quantities	Container load (20'/40'/40'H)		12/24/48	
	Climate Class		N		Alarms	High/Low Temperature		Y
	Cooling Type		Direct cooling			Hot Condenser		Y
	Defrost Mode		Manual			Power Failure		Y
	Refrigerant		HC			High/Low Voltage		N/A
	Sound level (dB(A))		49			Sensor Error		Y
Performance	Cooling Performance (°C)		-86	Accessories		Low Battery		Y
	Temperature Range (°C)		-40 ~ -86		High Ambient Temperature		Y	
Control	Controller		Microprocessor		Door Ajar		Y	
	Display		LED		Caster		Y	
Electrical Data	Power Supply (V/Hz)		220 ~ 240/50		Foot		Y	
	Power (W)		550		Porthole		Y/1	
	Electrical Current (A)		4	Shelves/Inner doors		-/1		
Construction	Capacity (L/Cu.Ft)		100/3.5	USB Interface		Y		
	Net/Gross Weight (approx)	kg	138/160	Remote Alarm		Y		
		lbs	304.2/352.7	Temperature Recorder		Optional		
	Interior Dimension (W*D*H)	mm	470*450*480	Rs232/485 Interface		Optional		
		in	18.5*17.7*18.9	CO2 Backup System		Optional		
	Exterior Dimension (W*D*H)	mm	769*825*1120	LN2 Backup System		Optional		
		in	30.3*32.5*44.1	Certification		CE		
	Packing Dimension (W*D*H)	mm	845*855*1250			Y		
in		33.3*33.7*49.2						