

-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

DW-86W100J

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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		Low Battery		Y	
	Temperature Range (°C)	-40 ~ -86		High Ambient Temperature	Y		
Control	Controller	Microprocessor		Door Ajar	Y		
	Display	LED		Accessories	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	Y	
	Packing Dimension (W*D*H)	mm	845*855*1250				
in		33.3*33.7*49.2					