



• Application

-40°C Deep Freezer is designed for long term storage of various medical and biological products, such as blood plasma, vaccines, testing reagents and laboratory materials, even some electronic products for test. It can be installed in research institutions and clinical sites in life science, blood banks, hospitals, electronic testing and medical laboratories.

• Features



• Temperature Control

- Microprocessor control, Large LED display inner temperature clearly, and with easy viewing.
- The inner temperature can be adjustable at the range of -10°C~-40°C, with an increment of 0.1°C.
- Lock and password for protection to prevent arbitrary adjustment of operating parameters.

• Safety Control

- Malfunction alarms: high temperature alarm, low temperature alarm, Sensor failure, Power failure alarm, low voltage of backup battery, Over temperature alarm system, set the alarm temperature as requirements.
- Three alarming methods: buzzer alarming, digital flashing alarming and Remote alarm.
- Protection function: power-on delay, time between stops.
- Chart temperature recorder monitor system (Optional).

-40°C Deep Freezer



-40°C Upright Deep Freezer



DW-40L280



DW-40L390



DW-40L590

• Refrigeration System

- Highly efficient SECOP brand compressor and high reliability fan.
- 90mm thick foam insulation, better insulation effect, help to maintain temperature stability inside the freezer.
- Optimized single refrigerant cooling system, easy maintenance and repair.
- CFC-Free overall polyurethane foaming insulation.
- CFC-Free refrigerant.

• Ergonomic Design

- Double inner doors to reduce the loss of cold after opening the door.
- Safety door lock, preventing unauthorized access.
- Wide voltage design from 192V to 242V.
- Suitable for 2" and 3" international standard Cryo Boxes.
- Pressure-balanced port design, easy to open the door.
- Heavy type caster and locking adjustable screw, easy to move and fix.
- Adjustable shelf design.
- Ultra-simple condenser filter design, convenient for maintenance and washing.

	Model	DW-40L280	DW-40L390	DW-40L590
Technical Data	Cabinet Type	Upright		
	Climate Class	N		
	Cooling Type	Direct cooling		
	Defrost Mode	Manual		
	Refrigerant	R290		
Performance	Cooling performance(°C)	-40		
	Temperature Range(°C)	-10~-40		
Material	Exterior Material	Galvanized steel powder coating		
	Interior Material	Galvanized steel powder coating		
Functions	High/Low Temperature	Yes		
	Sensor Error	Yes		
	Lockage	Yes		
	Caster	Yes		
Accessories	Foot	None		
	Test Hole	Yes		
	Shelves/Inner Doors	3/2		
	Temperature Recorder	Optional		
	Cryo racks	Optional		
Electrical Data	Power Supply(V/Hz)	220/50		
	Power(W)	350	400	550
Dimensions	Capacity (L)	290	370	599
	Net/Gross Weight(approx)	160kg/183kg	195kg/225kg	232kg/271kg
	Interior Dimensions(W*D*H)	460x470x1310mm	460x600x1310mm	740x600x1310mm
	Exterior Dimensions(W*D*H)	715x725x1870mm	715x855x1870mm	995x855x1870mm
	Package Dimensions(W*D*H)	735x760x2080mm	735x890x2080mm	1015x890x2080mm





-40°C Chest Deep Freezer

Model		DW-40W100	DW-40W200	DW-40W300	DW-40W400	DW-40W500
Performance	Cooling performance(°C)	-40				
	Temperature Range(°C)	-10~-40				
Control	Controller	Microprocessor				
	Display	LED				
Material	Interior	Aluminum powder coating				
	Exterior	Galvanized steel powder coating				
Electrical Data	Power Supply(V/HZ)	220/50				
	Power(W)	180	250	250	350	350
Technical Data	Refrigerant	R290	R290	R290	R404a	R404a
	Climate Class	N				
	Cooling Type	Direct cooling				
	Defrost Mode	Manual				
	Cabinet Type	Chest				
Dimensions	Capacity	100	190	285	380	470
	Net/Gross Weight(approx)	40kg/47kg	65kg/80kg	75kg/88kg	85/106kg	110kg/130kg
	Interior Dimensions(W*D*H)	520x345x615mm	760x485x625mm	1080x485x625mm	1340x485x625mm	1710x485x625mm
	Exterior Dimensions(W*D*H)	700x550x850mm	940x765x885mm	1270x765x885mm	1530x765x885mm	1900x765x885mm
	Package Dimensions(W*D*H)	750x595x940mm	990x780x1060mm	1310x780x1060mm	1580x780x1060mm	1950x780x1060mm
Functions	High/Low Temperature	Yes				
	Sensor Error	Yes				
	Lockage	None	Yes	Yes	Yes	Yes
Accessories	Caster	4				
	Foot	None				
	Test Hole	None				
	Baskets/Inner Doors	1/-	2/-	2/-	2/-	2/-
	Temperature Recorder	Optional				
	Cryo racks	Optional				

