

-40°C Deep Freezer

Product 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

From individual laboratory and medical users to ever-increasing sample storage needs, you can choose from deep freezer storage solutions in multiple sizes.

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.

Optional



LCD display controller with recorder



Dixell Controller



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.

Refrigeration System

Highly efficient famous brand compressor and fan, with a high efficient refrigeration effect;
Optimized refrigeration technology, low noise, more energy efficient;
CFC-Free overall polyurethane foaming insulation;
CFC-Free/HCFC refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access;
Wide voltage design from 192V to 242V;
Pressure-balanced port design, easy to open the door;
Adjustable shelves design;
Heavy type caster and locking adjustable screw, easy to move and fix.

Technical Specification

Model		DW-40L280	DW-40L390	DW-40L590
Technical Data	Cabinet Type	Vertical	Vertical	Vertical
	Climate Class	N	N	N
	Cooling Type	Direct cooling	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	R290	R290	R290
Performance	Cooling performance(°C)	-40	-40	-40
	Temperature Range(°C)	-10 ~ -40	-10 ~ -40	-10 ~ -40
Dimensions	Capacity(L)	280L	360L	590L
	Interior Dimensions(W*D*H)	460x470x1310mm	460x520x1410mm	740x600x1310mm
	Exterior Dimensions(W*D*H)	640x692X1970mm	600x660X1920mm	920x822X1920mm
	Packing Dimensions(W*D*H)	760×770×2050 (mm)	660×720×2050 (mm)	1050×900×2050 (mm)
	Thickness of Cabinet Foamed Layer	70mm		90mm
	Thickness of Door	70mm		90mm
Capacity for 2 inch boxes		—	180	400
Inner door/Drawer		—/7	4/—	2/—
Power Supply(V/Hz)		220V/50Hz	220V/50Hz	220V/50Hz