

-150°C Cryo Freezer

Product Application

-150°C Cryo Freezer provides a safer, more convenient and economical alternative long term storage method than LN₂ containers. We design it to provide a storage environment that is about 20°C colder than the water recrystallization temperature, the freezer is suitable for storage of a variety of biological samples, such as virus, erythrocytes, leukocytes, cutis, skeleton, sperm, oceanic products, special test materials and even electronic products for testing. It can be installed in institutions including blood banks, hospitals, epidemic prevention services, research institutes and research laboratories.



Temperature Control

Microprocessor control, Large LED display inner temperature clearly, and with easy viewing.

The inner temperature can be adjustable at the range of -100°C ~ -150°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;

Three alarming methods: buzzer alarming, digital flashing alarming and remote contacts;

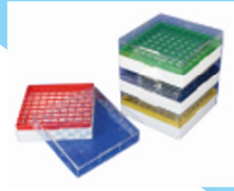
Protection function: power-on delay, time between stops.



Optional



Cryo Racks



Cryo Boxes



Chat Temperature Recorder



Refrigeration System

Optimized cascade refrigeration technology, SECOP compressor to reach a high efficient refrigeration effect;

Specially designed Heat Exchanger, heat transfer high efficient, save Energy;

Independent engine cabinet cooling system, ensure to adapt to a higher ambient temperatures;

CFC-Free overall situ polyurethane foaming insulation;

CFC-Free refrigerant.

Ergonomic Design

Safety door lock, preventing unauthorized access;

Wide voltage design from 192V to 242V;

Stainless steel inner chamber, easy for clean;

Heavy type caster and locking adjustable screw, easy to move and fix.

Technical Specification

Model	DW-150W118				
Technical Data	Cabinet Type	Chest	Electrical Data	Power Supply(V/Hz)	220/50(115/60)
	Climate Class	N		Power(W)	2300
	Cooling Type	Direct cooling		Electrical Current(A)	11
	Defrost Mode	Manual		Capacity(L)	118
Performance	Refrigerant	CFC-Free	Dimensions	Net/Gross Weight(approx)	110/130 (kg)
	Cooling performance(°C)	-150		Interior Dimensions(W*D*H)	500×400×560 (mm)
	Temperature Range(°C)	-100~-150		Exterior Dimensions(W*D*H)	1270×780×965 (mm)
Control	Controller	Microprocessor	Functions	Packing Dimensions(W*D*H)	1320×920×1075 (mm)
	Display	LED		High/Low Temperature	Yes
Material	Interior	Galvanized steel powder coating	Sensor Error	Yes	
	Exterior	Stainless Steel	Lockage	Yes	