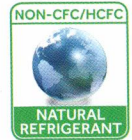


-150°C Cryo Freezer



-150°C Cryo freezer, developed by Haier Medical and Laboratory Products, provides a safer, more convenient and economical alternative long term storage method than LN2 refrigeration systems. By providing 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 features a clear cabinet temperature display at an easy viewing angle and allows an adjustable range of -126°C to -150°C .

Safety Control System

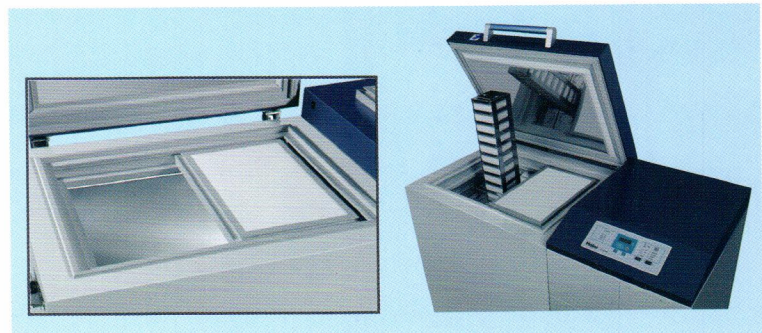
- Alarm system: User programmable high and low temperature alarm set points, power failure, sensor errors, extreme voltage, hot condenser, and extremely high ambient
- Alarm types: audible buzzer and visible flashing
- Protection functions: Settable pass codes for control panel, start-up delay, voltage and compensation system
- Properly grounded

Refrigeration System

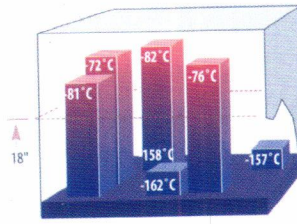
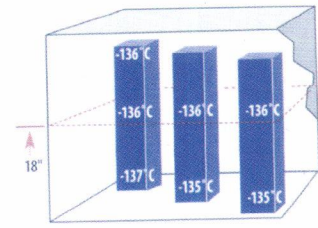
- Optimized single stage refrigeration system
- Hermetically sealed system
- Environmentally safe refrigerants
- Permanently lubricated fan systems

Other Features

- Large LED display for easy viewing
- Ambient range of 10 °C to 30 °C
- LN2 back up system compatible
- Remote monitoring
- Smart condenser fans for energy savings



Liquid Nitrogen Preservation System in Cryo Freezer

LN₂ Backup System (-196°C)

Cryo Freezer (-140°C)

Specification

Model	Unit	DW-150W200
Technical Data		
Cabinet Type	/	Chest
Shelves/Inner doors	EA	-/2
Climate Class	/	N
Performance		
Cooling performance	°C	-150
Temperature Range	°C	-126--150
Control		
Controller	/	Microprocessor Control
Display	/	LED
Electrical Data		
Power Supply	V/Hz	380/50
Power	W	2800
Electrical Current	A	6
Dimensions		
Capacity	L/Cu.Ft	200/7.1
Net/Gross Weight(approx)	kg	315/385
	lbs	694.5/848.8
Interior Dimensions(W*D*H)	mm	667*462*650
	in	26.3*18.2*25.6
Exterior Dimensions(W*D*H)	mm	1570*850*1060
	in	61.8*33.5*41.7
Packing Dimensions(W*D*H)	mm	1710*985*1195
	in	67.3*38.8*47.0
Container Load (20'/40'/40'H)	Set	6/13/13
Others		
Rack Model	/	2 inch stainless steel rack 11*1
Dimensions (L*D*H)	mm	142*138*633
	in	5.6*5.4*24.9
Rack Quantity	/	12
Box Quantity	/	132
Sample Quantity	/	10692 (calculated based on 9*9 box)