



Cryo Freezer



-150°C Cryo Freezer



-150°C Cryo freezer, developed by Haier Biomedical, provides a safer, more convenient and economical alternative long term storage method than LN₂ refrigeration systems. By providing a storage environment about 20°C colder than the water recrystallization temperature, the freezer is suitable for storage of a varieties of biological samples such as viruses, erythrocytes, leukocytes, cutis, skeleton, sperms, 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

Refrigeration System

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

Other Features

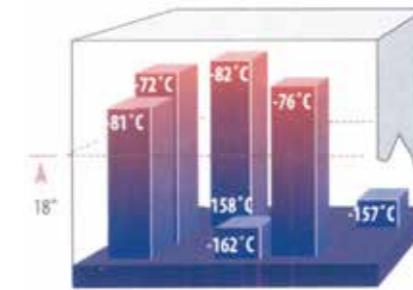
- Large LED display for easy viewing
- Ambient range of 10 °C to 30°C
- LN₂ back up system compatible
- Remote monitoring
- Smart condenser fans for energy saving

Safety Control System

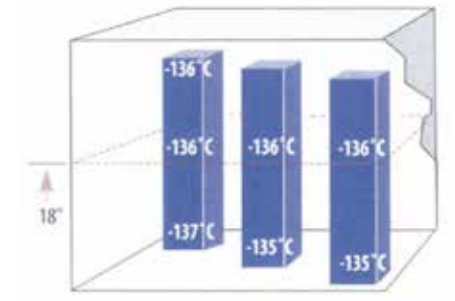
- Alarm system: User programmable high and low temperature alarm set points, power failure, sensor error, extreme voltage, hot condenser, and extremely high ambient
- Alarm types: audible buzzer and visible flashing
- Protection functions: Settable pass codes for control panel, start-up delay, voltage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



Liquid Nitrogen Preservation System in Cryo Freezer



LN₂ Freezer System(-196 °C)



Cryo Freezer(-140°C)

Specifications

Model		DW-150W200	
Technical Data	Cabinet Type	Chest	
	Climate Class	N	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HFC	
	Sound Level(dB(A))	67	
Performance	Cooling Performance(°C)	-150	
	Temperature Range(°C)	-126 --150	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply(V/HZ)	380/50	
	Power(W)	2800	
	Electrical Current(A)	11	
Dimensions	Capacity(L/Cu.Ft)	200/7.1	
	Net/Gross Weight(approx)	kg	315/385
		lbs	694.4/848.8
	Interior Dimension(W*D*H)	mm	667*462*650
		in	26.3*18.2*25.6
	Exterior Dimension(W*D*H)	mm	1670*850*1060
		in	65.7*33.5*41.7
	Packing Dimension(W*D*H)	mm	1810*940*1240
in		71.3*37.0*48.8	
Alarms	Container load(20'/40'/40'H)	6/13/13	
	High/Low Temperature	Y	
	Hot Condenser	Y	
	Power Failure	Y	
	High/Low Voltage	Y	
	Sensor Error	Y	
	Low Battery	Y	
	High Ambient Temperature	Y	
	Door Ajar	N/A	
	Accessories	Caster	Y
Foot		Y	
Porthole		Y/1	
Shelves/Inner doors		-/2	
USB Interface		N/A	
Remote Alarm		Y	
5V Power Supply Port		N/A	
Temperature Recorder		Optional	
Rs232/485 Port		Optional	
CO ₂ Backup System		N/A	
LN ₂ Backup System	Optional		
Others	Certification	N/A	

Product appearance and specifications are subject to change without notice