



Laboratory Equipment Manufacturer
www.mrclab.com



Overview

MRC -86°C small-ultra-low temperature chest freezer DW-86HW50-V2 comes with a little body for great use. It is perfectly designed for storage of low temperature scientific experiments, plasma, tunny, biomaterial, and other biological products. This mini deep freezer can be applied to hospital, blood bank, university laboratories, electronic industries, research institutes, military industries, pelagic fishery companies, sanitation and anti-epidemic. With the microprocessor-based temperature controller, you are free to set the temperature range of -40°C~-86°C. The chest type and stainless-steel interior material helps it can be cleaned easily. This small ultra-low temperature freezer provides you with secure alarm system with keyboard lock and password access.

Microprocessor-based Temperature Control System

Equipped with microprocessor-based temperature controller system, microprocessor-based temperature controller, -40°C~-86°C can be set freely
At ambient temperature of 32°C, you are able to set the lowest temperature as -86°C, and make sure the precision each 0.1°C.

Super Safe Alarm System

This ultra-low temperature freezer comes with lockable door to prevent unauthorized access. It has the feature of delayed start and safe stop interval between restart and being terminated. The small deep freezer is equipped with audible and visual alarm system, which includes power failure alarm, high / low temperature alarm, communication failure alarm and high ambient temperature alarm and sensor failure alarm etc.

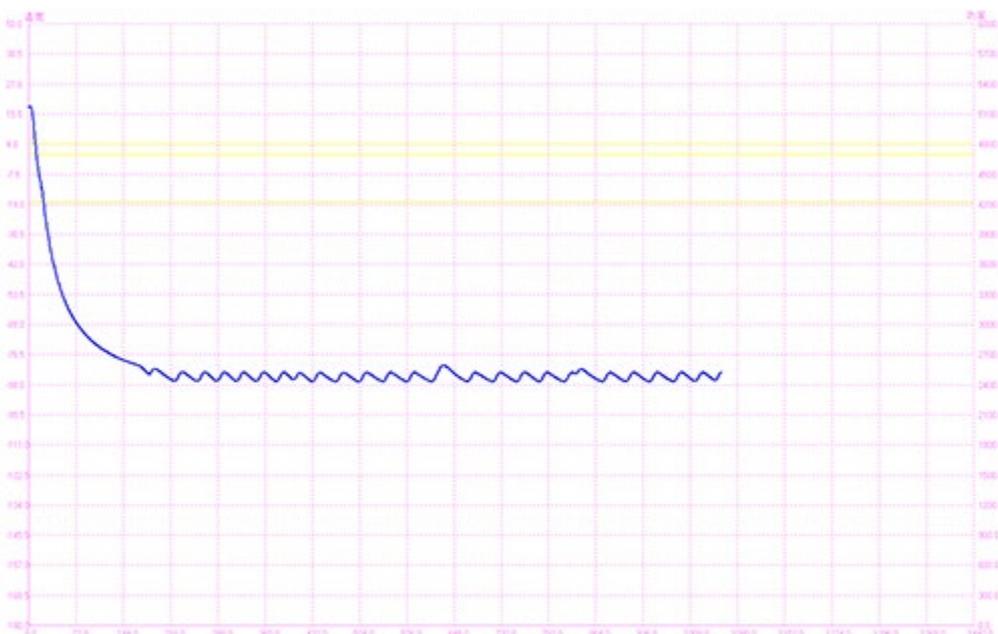
Human-oriented

This mini deep freezer is chest type and comes with stainless steel interior material and painted steel panel outer material. And the 4 casters make the freezer can be easily handled. Its front lockable door provides VIP Plus vacuum insulation, which can well keep the temperature uniformity and avoid overheating. The foaming design is two-times foaming technology with 110mm foaming insulation to promise better temperature performance.

Features

- Leading manufacturer of ultra-low temperature freezers
- Applied high-quality CFC free mixture refrigerant and Secop compressor
- Perfectly reduce noise and improve the cooling temperature performance to -86°C stably
- Equipped with international famous of Germany EBM fan electromotor
- Power supply: 220V /50Hz 1 phase, can be changed as 220V 60HZ or 110V 60HZ
- Certificate: ISO9001, ISO14001, ISO13485. (CE,UL
- Optional: freezer racks/boxes, CO2 back up system, vacuum isolated panel

Mappings



Scope of Application

Small ultra-low deep chest freezer can be used as laboratory freezer, ultra-low medical freezer and deep freezer is suitable for applying in hospitals, blood bank, health and disease prevention

systems, colleges and universities, research institutions, the electronic industry, laboratories in colleges & universities, biological engineering, and more.

Specifications

-86°C Ultra-low Temperature Freezer	
Model	DW-86HW50-V2
Capacity(L)	50
Internal Size(W*D*H)mm	430*305*425
External Size(W*D*H)mm	650*606*1080
Package Size(W*D*H)mm	788*720*1283
NW(Kgs)	74/120
Performance	
Temperature Range	-40~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Direct Cooling
Defrost Mode	Manual
Refrigerant	HC
Insulation Thickness(mm)	110
Construction	
External Material	Cold rolled steel sheet
Inner Material	Stainless steel
Door Lock with Key	Yes
External Lock	Optional
Access Port	1pc. Ø 25 mm
Casters	4
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 2 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature, High ambient temperature

Electrical	Power failure, Low battery
System	Sensor failure, Condenser overheating, Built-in USB datalogger failure, Communication error
Accessory	
Standard	RS485, Remote alarm contact
Options	Chart recorder, CO2 backup system