

**DW-HL100**  $\epsilon$ 



#### Precise Temperature Control and Safe Storage

Microprocessor-based temperature controller, -40°C~-86°C can be set freely with display accuracy at 0.1°C.



# Visual & Audio Alarm system

High/low temperature alarm, power failure alarm, low battery alarm, door ajar alarm, high ambient 🎎 temperature alarm, communication failure alarm etc.

#### **Human-oriented**

The rotating handle facilitates door opening;

The two-door design including the inner door and the outer door can lock cool air inside the cabinet and ensure thermal

# insulation for along period. Energy-saving & Environmentally Friendly

Awarded with China Certificate for Energy Conservation Product, certificate numbers: CQC18702198375; Awarded with China Certificate for Ecolabelling Products, certificate numbers: CQC18702198376.





#### Thermal Insulation System

The insulated foamed outer door with seal design prevents loss of cooling capacity effectively;
The six sides of the cabinet are made from high performance vacuum insulation material, greatly improving thermal insulation performance.



#### Security System

- The perfect audible & visual alarm system: high/low temperature, sensor failure, door ajar, power failure, low battery etc.;
- •The turn-on delay and stopping interval protection can ensure reliable operation;
- The keyboard lock and password protection can prevent any adjustment of operation without permission:



#### Human-oriented

- •The door with new-type assisting door handle to be opened easily;
- ·Door handle with lock for safety operation;
- ·304 Stainless steel interior, low temperature
- resistance anti-corrosion for long service life and easy cleaning;
- ·Universal wheels easy for movement and fixation.

#### Supplies for Cryopreservation

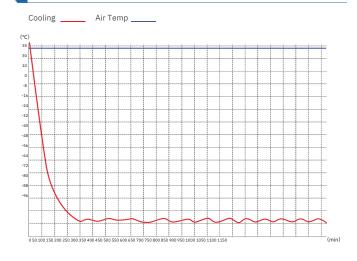
Freezer racks/boxes for cryopreservation are optional.

### Scope of Application

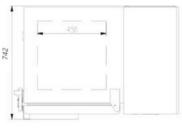
Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

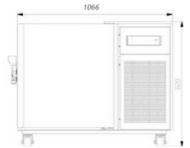
## Performance Data / Cooling Curve

# External Dimension









-86°C Ultra-low Temperature Freez	
Model	DW-HL100
Cabinet Type	Upright
Capacity(L)	100
Internal Size(W*D*H)mm	450*450*514
External Size(W*D*H)mm	1066*742*820
Package Size(W*D*H)mm	1230*833*991( Packed in ordinary buckle cases)
NW/GW(Kgs)	145/189
Performance	
Temperature Range	-40∼-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86℃
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc Direct cooling Manual
Cooling Method	HC
Defrost Mode	L:90,R:115
Refrigerant	High quality steel plates with spraying Stainless steel
Insulation Thickness(mm)	1(stainless steel) Yes
Construction	Yes
External Material	1pc. Ø 25 mm
Inner Material	4
Shelves	USB/Record every 10 minutes / 12 months
Door Lock with Key	Yes
Padlock	High/Low temperature,High ambient temperature Power
Access Port	failure , Low battery
Casters	Sensor failure, Condenser overheating alarm, Door ajar, Built-in
Data Logging/Interval/Recording Time	USB datalogger failure, Communication error
Backup Battery	
Alarm	
Temperature	
Electrical	
System	
Electrical	
Power Supply(V/HZ)	
Power(W)	220-
Power Consumption(KWh/24h)	240~/50
Datad Current(A)	
Rated Current(A)	/6   8.66
	761 8.66 5.57
Accessories Standard	5.57
	5.57
Accessories Standard	

<sup>\*</sup>The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.

\*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.

