

Controlled Rate Freezer

Scope of Application:

Suitable for primary cells and cooling cells that are highly sensitive to temperature changes.

Innovative Design

- Information traceability
- Precise temperature control
- One-click freezing
- 7-inch touch screen

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Product Advantages



Precise Temperature Control

- Fine temperature control, the temperature rises and fall rate can be controlled in a large range, can achieve the cooling rate of 0.1-99°C/min
- Stable temperature control, double solenoid valve design and special jet ring design, stable temperature control, effectively reduces cell damage
- Precise temperature control, ADCR control algorithm, temperature fluctuation range is $\pm 0.5^{\circ}\text{C}$



Ergonomic Design

- 7-inch touch LCD screen, easy to operate
- Liquid nitrogen allowance warning: Real-time display of liquid nitrogen allowance, timely warning when it is lower than 20%
- Single handle press lock, simple and labor-saving, locking function, and the safety of the test process is guaranteed
- Equipped with a real-time temperature curve printer and electronically archived temperature records

Product Functions

USB Interface

Easier to connect external modules such as printer and barcode reader

Adjustable Feet

Convenient to adjust the height of machine

Temperature Record

Information traceability: the frozen temperature curve and data can be transmitted to the computer for display, and PDF files can be generated synchronously for printing and archiving

Handle

Easy to open and close the door, the user process is safer

Lock

Ergonomic design, easy to operate

Side-opening Door

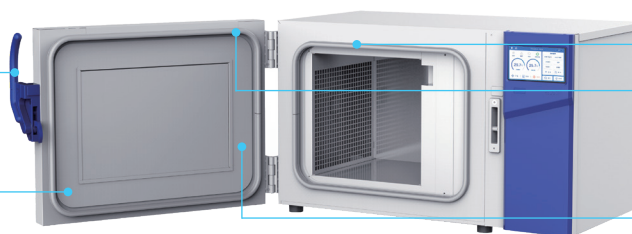
Convenient access of frozen samples, suitable height

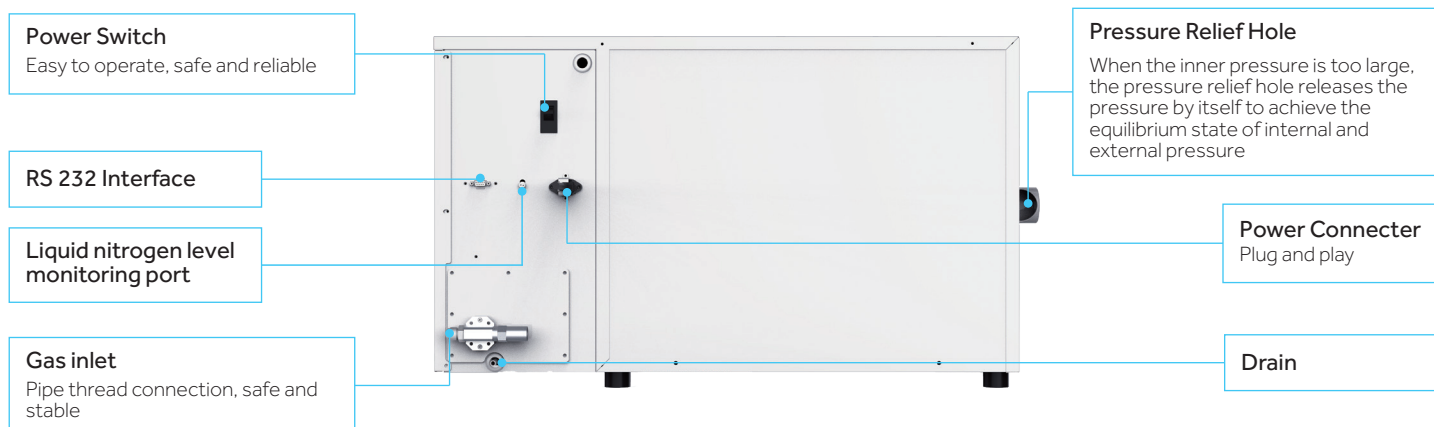
Double Layer Sealing Structure

Good sealing performance

Superior Insulation Performance

Environmental friendly polyurethane foam material has good thermal insulation performance





Standard System Consists of



- Controlled Rate Freezer
- LN₂ container
- LN₂ Transfer Hose
- Sample Probe
- Printer



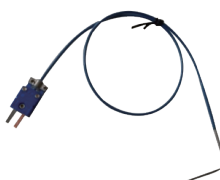
Controlled Rate Freezer



LN₂ container



LN₂ Transfer Hose



Sample Probe



Printer

Optional Accessories



- 2 ml Vial Rack
- 50 ml Bag Canister Rack



2 ml Vial Rack
(optional)



50 ml Bag Canister Rack
(optional)

