

Controlled Rate Freezer



CJ-L37

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 rise 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 reduce 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

Lock

Ergonomic design, easy to operate

Side-opening Door

Convenient access of frozen samples, suitable height

Power Switch

Easy to operate, safe and reliable

RS 232 Interface

Liquid nitrogen level monitoring port

Air Supply Connection

Pipe thread connection, safe and stable

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 use process is safer

Double Layer Sealing Structure

Good sealing performance

Superior Insulation Performance

Environmental friendly polyurethane foam material has good thermal insulation performance

Pressure Relief Hole

When the inner pressure is too large, the pressure relief hole releases the pressure by itself to achieve the equilibrium state of internal and external pressure

Power Connector

Plug and play

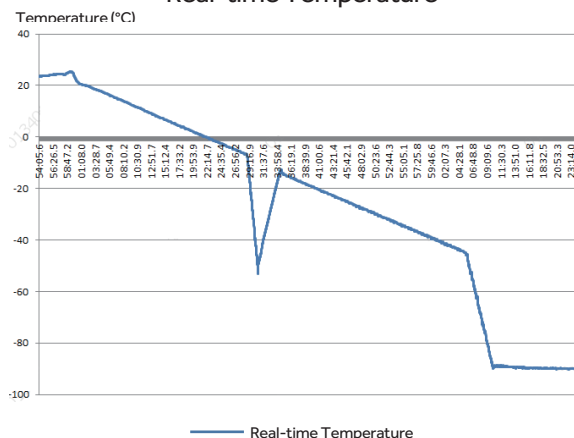
Drain

Product Performance



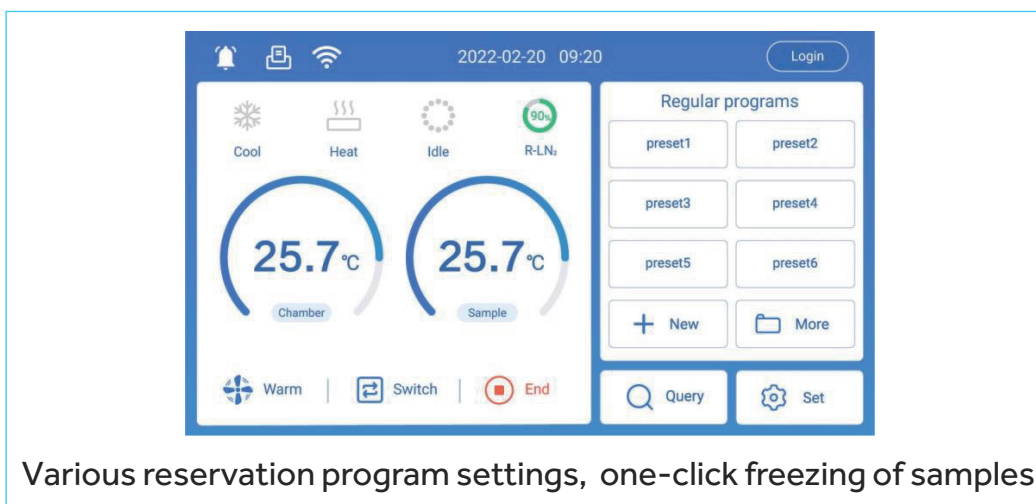
ADCR control algorithm, more accurate temperature control, temperature fluctuation range is $\pm 0.5^{\circ}\text{C}$

Real-time Temperature



Double solenoid valve design and special jet ring design to realize the cooling rate of $0.1\sim 99^{\circ}\text{C}/\text{min}$
The heating rate is $0.1\sim 12^{\circ}\text{C}/\text{min}$ by heater design

One-click Freezing



Specifications

Product Name	Model	Power Supply (V/Hz)	Effective Volume (L)	Temperature Range (°C)	Liquid Nitrogen Pressure Range
Controlled Rate Freezer	CJ-L37	220V-50Hz	37	-180-50	0.15MPa±30%
Display Screen	Serial Port Form	Exterior Dimensions (W*D*H)	Interior Dimensions (W*D*H)	Net Weight (Kg)	
7 "colorful LCD touch screen	USB Interface/RS232 serial port	941/571/572	330/340/330	73	

*Haier Biomedical reserves the right to change products and specifications without prior notice.