

Plasma Thawing



HRJ-L36S

Scope of Application :

Suitable for use in blood centres and supply institutions, as well as hospital transfusion departments, for thawing and rewarming frozen plasma and cryoprecipitated coagulation factors. It improves operational efficiency, shortens thawing times, and helps ensure blood quality and safety.

Innovative Design

- Efficient Thawing
- Smart Operation
- Dual Thawing Modes
- Traceability

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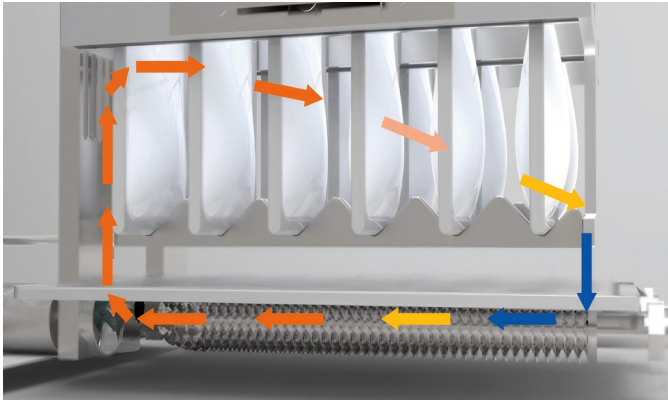


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Product Advantages



Reciprocating Water Circulation for Enhanced Thawing Efficiency

- **Swing System:** The reciprocating swing motion during thawing accelerates heat exchange between plasma and water, significantly reducing thawing time.
- **Water Circulation System:** Dual upper and lower circulation design ensures stable and uniform water temperature inside the chamber.

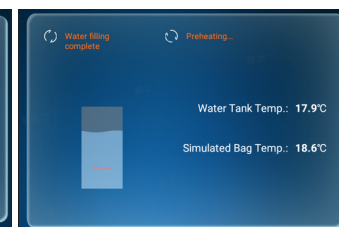
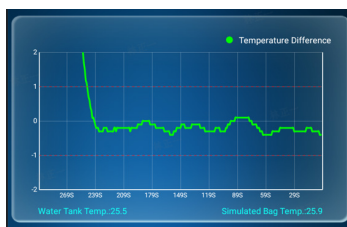
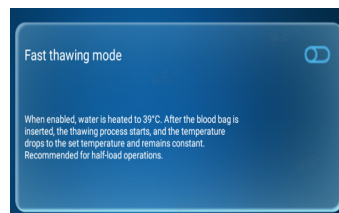
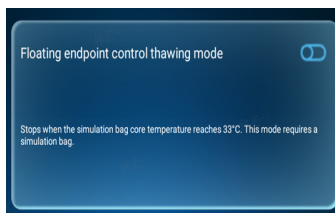


Dual Thawing Modes for Flexible Use

- Supports both water-bath (wet) and water-insulated (dry) thawing modes, offering flexible options while ensuring blood safety.
- The patented dry-bag isolation design enables convenient and safe operation.

Multiple Working Modes for Speed and Efficiency

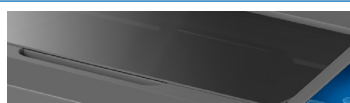
A wide range of working modes is available: standard thawing, manual thawing, floating endpoint, rapid thawing, and emergency thawing, allowing users to switch modes based on different clinical needs for targeted and efficient thawing.



Process Traceability

- Simulated frozen blood bag with PT100 sensor enables precise temperature tracking throughout the thawing process.
- The touchscreen interface records temperature curves, thawing time, and operation logs in real time.

Product Parts Diagram



Clear transparent cover plate
Ultra-transparent viewing window for easy monitoring and splash resistance



High-definition LCD touchscreen
Enlarged touchscreen for a smoother operating experience



Water and electricity separation design
Separate electronic control system and water circuit for enhanced safety and reliability



Multi-functional USB port
2-in-1 function for barcode scanner connectivity and data export

Specifications



Model	HRJ-L36S	
Key Performance Indicators	Number of Melting Positions	Wet: 36 / Dry: 12
	Characteristic Temperature Point (°C)	37°C
	Adjustable Temperature Range (°C)	Ambient to 40°C
	Power Cord Plug Type	16A Plug
	Heating Method	Resistance Wire Heating Element
	Heating Power (W)	3000W
	Alarm Method	Buzzer + Screen Prompt
	Protection Functions	Mechanical Thermostat
	Temperature Uniformity	±1
	USB Port	1 (with dust cover)
	Noise Level (dB(A))	≤65dB
Functional Modules	Body Colour and Material	White, Sheet Metal
	Inner Chamber Color and Material	304 Stainless Steel, Original Colour, Polished
	Lid Color and Material	Gray ABS
System Indicators	Display Color and Material	Gray ABS
	Water Bath Shaking Rack	304 Steel Bar Welded Frame, Stainless Steel Spring Isolation, Units
	Dry Shaking Rack (Optional)	304 Steel Bar Welded Frame, PE Isolation Bags, 6 Units
	Water Inlet Pipe	Washing Machine Inlet Pipe
	Drainage Pipe	28mm Diameter, Corrugated Pipe
	Operating Temperature Range (°C)	10°C~30°C
	Circulation Pump Specifications	33L/min±4L, 2m Head Pressure
	Water Inlet Valve Specifications	Pilot Type, 0.2~10Bar, Normally Closed, 3/4 inch
Product Dimensions	Operating Power Supply Range	220~240V AC 50/60Hz
	Product Dimensions (W/D/H)(mm)	890*585*975