

Transport Cooler

HZY-9ZR

Main Application

This product line is designed for temporary storage and transfer of blood products, tissues, cells and biological samples. The core technology for a reliable storage temperature includes an advanced semiconductor refrigeration system, cold chain monitoring system, camera recognition technology, GPS positioning and Bluetooth data export technology.

Product Advantages

Advanced control for constant temperature

- Constant temperature of 4 ± 1 °C inside the cabinet with resolution of 0.1 °C
- Dual controls with six high precision sensors and a mechanical thermostat ensure a reliable and accurate temperature profile inside the cabinet for specified temperature. The sophisticated inner door design significantly improves the energy efficiency by reducing thermal loss.

Multiple alarm functions for safe operation

- Complete alarm functions include high, low temperature, power failure, door ajar, sensor failure and low battery. Sound buzzer and flashing light are two modes for alarm complete with remote alarm interface.
- Rear battery supports the alarm and display after a power failure.
- NFC punch card module is available for a safer storage management.



HZY-9ZR

User Friendly Design

- Can be used with 12 V and 220 power source
- Ease for mounting on vehicles
- Rear-mounted battery supports the display and alarm functions after power failure
- Door lock to secure the unit for stored products
- 4-inch touch screen for ease of interfacing



Temperature data upload record

Precise temperature control, whole-process cold chain monitoring

Real time tracking for blood bag location

Operation system homepage

Electromagnetic lock

Parameters

Model	Storage Temperature (°C)	Operating Temperature (°C)	25 °C Empty Box Holding Time(h)	25 °C Loaded Box Holding Time (h)	Exterior Dimensions (WxDxH-mm)	Interior Dimensions (WxDxH-mm)	Blood Bag Capacity	Cooling Method	Cold Chain Monitoring	RFID Identification	NFC Unlock
HZY-9ZR	2~6	2~10	>1	>2	520×300×270	430×150×180	9	Active Cooling	Standard	Standard	Standard

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Haier Biomedical

Intelligent Protection of Life Science

Haier Biomedical Constant Temperature Transport Cooler



Designed with an advanced semiconductor refrigeration module to provide a constant temperature profile of 4 ± 1 °C for reliable transfer of blood product



Cold chain monitoring function to ensure real-time temperature data uploading to the cloud platform and data traceability of historical temperature



Built-in GPS positioning module to provide real-time location tracking



Camera identification module designed for intelligent inventory checking and alerting



Temperature kept within 2 ± 0.5 °C for more than 1 hour during blood transfer