

Smart Reagent Refrigerator

— HYC-509R



Extra Large Capacity, Intelligent Self-Inventory Control

Scope of Application

Relying on the application of RFID smart IoT technology in medical refrigeration products, ensures real-time tracking of storage information and automatic intelligent management of reagents and medicines with inventory status clear at a glance.

Applicable to hospitals, pharmacies, third-party testing institutions, manufacturing enterprises as key examples.

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Product Advantages



Constant Temperature and Accurate Control, Keeping the Medicines and Reagents Safe and Secure

2°C-8°C accurate temperature storage environment, the temperature uniformity is $\pm 2^{\circ}\text{C}$, with real-time monitoring of inside temperature.



RFID Shelf Antenna

Full RFID signal coverage inside the refrigerator, 100% inventory accuracy.



Authority Management with Rigorous Flow Monitoring Controls

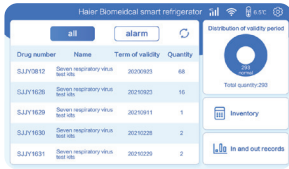
With electromagnetic door locks and equipped with an NFC authority management system, who, when, and what items are accessed are all recorded immediately and accurately in real time.



Wifi - Easy Access to Network

Equipped with Wifi, making it easier to connect to the internet.

Ergonomic Design



Interactive and Visual Management

High-definition LCD touch screen, intelligent design, real-time display of the number of stored reagent types.

Real-time display of early warning expiry of reagent validity period, ensuring visual management of real-time temperature data inside the refrigerator.

Supports real-time check of reagent storage records, inventory status can be seen at a glance.

Web-based Reagent Management Platform

Ensures supplier qualification management, inventory management, authority management, order management, expiration date management, equipment information management as key examples.

Large function modules assist users in the whole process of data collection, analysis, accurate accounting and scientific guidance.

Electric Heated Glass Door

Double layer tempered electric heated glass door, no condensation at 32°C ambient temperature and 85% humidity.

Self-closing door design, the door will automatically swing closed at less than 90 degrees and stay open at more than 90 degrees, convenient for users to store items.

High Efficiency and Energy Saving, Automatic Temperature Adjustment

The intelligently designed inverter compressor can automatically adjust the speed according to the ambient temperature and unit temperature, the rapid response in real time ensures the unit is energy saving and efficient.

Specifications

	Model	HYC-509R	
Technical Data	Cabinet Type	Upright, single glass door	
	Climate Class	N	
	Cooling Type	Forced air cooling	
	Defrost Mode	Auto	
	Refrigerant	HC	
	Sound Level (dB (A))	40	
Performance	Cooling Performance (°C)	± 2	
	Temp Range (°C)	2-8	
Control	Controller	Microprocessor	
	Display	Touchscreen+LED	
Electrical Data	Power Supply (V/Hz)	208-230/50/60	
	Power Input (W)	400	
	Rated Current (A)	2	
Construction	Capacity (L/Cu.Ft)	509/17.97	
	Net/Gross Weight (approx)	kg	180/215
		lbs	396/473
	Interior Dimensions (W*D*H)	mm	593*585*1500
		in	23.21*22.9*58.8

	Model	HYC-509R	
Construction	Exterior Dimension (W*D*H)	mm	693*813*1981
		in	27.1*31.9*77.7
	Packing Dimension (W*D*H)	mm	800*875*2100
		in	31.3*34.3*82.3
Loading Quantities	Container Load (20'/40'/40'H)	14/28/28	
Alarms	High/Low Temperature		Y
	Remote Alarm		Y
	Power Failure		Y
	Sensor Error		Y
	Low Battery		Y
	Door Ajar		Y
Accessories	Caster		Y
	Foot		Y
	Porthole		Y
	Shelves		Y
Certification	USB Interface		Y
	CE		Y

Product appearance and specifications are subject to change without notice