



**HYC-509R**

# Smart Reagent Refrigerator

## 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

Drug number	Name	Term of validity	Quantity
SJY0812	Seven respiratory virus test kits	20200923	68
SJY1628	Seven respiratory virus test kits	20210923	16
SJY1629	Seven respiratory virus test kits	20210911	1
SJY1630	Seven respiratory virus test kits	20210228	2
SJY1631	Seven respiratory virus test kits	20210229	2

Additional interface elements include: 'all', 'alarm', 'Distribution of validity period' (Total quantity: 200), 'Inventory', and 'In and out records'.



### 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
<b>Technical Data</b>	Cabinet Type		Upright, Single Glass Door
	Climate Class		N
	Cooling Type		Forced Air Cooling
	Defrost Mode		Auto
	Refrigerant		R600a
	Sound Level (dB(A))		40
<b>Performance</b>	Temperature Range (°C)		2-8
<b>Control</b>	Controller		Microprocessor
	Display		Touchscreen + LED
<b>Electrical Data</b>	Power Supply (V/Hz)		220~240/50/60
	Electrical Current (A)		2
	Power Consumption (kWh/day)		6
<b>Dimensions</b>	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
	Exterior Dimensions (W*D*H)	(mm)	693*813*1981
		(in)	27.1*31.9*77.7
	Packing Dimensions (W*D*H)	(mm)	835*915*2170
(in)		32.9*36.0*85.4	
Container Load (20'/40'/40'H)		14/28/28	
<b>Alarms</b>	High/Low Temperature		Y
	High Ambient Temperature		Y
	Remote Alarm		Y
	Power Failure		Y
	Low Battery		Y
	Door Ajar		Y
<b>Accessories</b>	Caster		Y
	Foot		Y
	Porthole		Y
	Shelves/Drawers		6
	USB Interface		Y
<b>Others</b>	Certification		CE

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