

# Haier IoT Vaccine Refrigerator

Internet of Things Technology Facial Recognition Security Assurance Professional Vaccine Storage

HYC-406



- **Integrated UPS:** Effectively resolves power problems, providing reliable protection for vaccine storage and data security.
- **Facial Recognition:** Optional facial recognition function, facial liveness detection, ensuring vaccine safety.
- **Remote Operation:** Equipped with a wireless barcode scanner, enabling remote inbound and outbound operations, more convenient.
- **Human-Machine Interaction:** Equipped with a 10-inch touch screen, offering convenient interaction.

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## Product Overview

Used for storing various types of vaccine products, specifically for use in locations such as Centers for Disease Control and Prevention, community health service centers, etc.

## Product Advantages



### Internet of Things Technology

- Fingerprint and scanning modules enable personnel authority management and automated vaccine inbound and outbound processes, with integrated cold chain monitoring functionality. The unit features dual temperature zones and a 10-inch touch screen, providing clear and intuitive temperature display.

### Vaccine Categorized Storage

- Comes standard with 7 drawers. Drawers feature unlimited partitioning functionality, allowing for reasonable adjustment of storage spacing according to vaccine specifications, maximizing space utilization. Supports First-In-First-Out, enabling categorized storage for multiple vaccine types.

### Refrigeration System

- Imported brand-name compressor. Utilizes HC refrigerant, energy-efficient and environmentally friendly.
- Brand-name fan motor, highly efficient and energy-saving, lower noise, long service life.

### Precise Temperature Control

- Microcomputer control system with built-in multi-channel temperature sensors. Temperature control accuracy of 0.1°C.
- CLED digital display for dual-zone temperature.

## Humanized Design



### Dual-Lock Structure

Combination design of mechanical lock and electromagnetic lock prevents the door from being opened arbitrarily, ensuring the safety of stored vaccines.



### Human-Machine Interaction

Touch display screen enables convenient human-machine interaction, with direct access to various information and commands with one click.



### Wireless Barcode Scanner

Overcomes the short-distance limitation of scanning equipment. Scanning for inbound and outbound processes becomes more convenient, with long-lasting use and convenient charging.



### Drawer Design

- Seven-layer, three-section drawer design. The refrigerated compartment comes standard with 7 drawers, with two sections adjustable. Vaccines follow First-In-First-Out.
- Drawers feature diverse partitioning methods. Gaps can be reasonably adjusted according to the specifications of stored items, maximizing space utilization, facilitating categorized vaccine storage.



### Integrated UPS Power Supply

- The UPS main power supply, featuring an advanced digital control system, can resolve various power problems.
- The 1600W high-power valve-regulated lead-acid battery possesses powerful endurance capabilities.
- It also features characteristics such as long service life, high safety, low self-discharge rate, good discharge performance, and convenient installation.



### Facial Recognition

- Liveness detection and facial recognition ensure safer vaccine storage.
- Contactless unlocking makes accessing vaccines more convenient.

## Product Parameters

Product Model	Voltage (V/Hz)	Power (W)	Packaging Dimensions (mm)(W*D*H)	Exterior Dimensions (mm)(W*D*H)	Vaccine Storage Capacity	Temperature Range (°C)	Net Weight / Gross Weight	Drawers (pcs)
HYC-406	220/50	175	1070 *750* 2080	980*680*1980	Approximately 700 vaccine boxes	2-8	155/175	7

### Product Configuration

Select Configuration 1	Select Configuration 2	Select Configuration 3
Integrated UPS	Facial Recognition	Integrated UPS-Facial Recognition