



## Automated Rotary Shoe Dispenser

Smart Shoe Dispenser stores up to 129 pairs and dispenses one in 3s via a 15.6" touchscreen and modular rotating carousel. Powered by UHF RFID, it enables accurate dispensing, real-time inventory tracking, low-stock alerts, and full traceability; an optional plasma disinfection module is available.

### Key Features of Automated Rotary Shoe Dispenser

- 01

Large storage capacity: up to 129 pairs
- 02

Small footprint: only 1.2 m<sup>2</sup>
- 03

Fast dispensing: retrieval time < 3 seconds
- 04

Intelligent pickup & replenishment reminders: compartment indicator light flashing interaction and voice prompts
- 05

Automatic dispensing upon identity authentication; automatic binding completed; safe and reliable
- 06

Dispensing via 8 shoe dispensing ports, convenient for orderlies to replenish and for medical staff to collect

### Specification of Automated Rotary Shoe Dispenser

| Component               | Detailed Specifications                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operation Display       | 15.6-inch touchscreen                                                                                                                                                                                          |
| Identity Authentication | Supports facial recognition, IC card, and account/password authentication methods                                                                                                                              |
| Audio Module            | Speaker integrated inside the display                                                                                                                                                                          |
| Network Connection      | Wired network, Wi-Fi                                                                                                                                                                                           |
| Dimensions (W×D×H)      | 112 × 115 × 1969 mm                                                                                                                                                                                            |
| Cabinet Material        | High-strength galvanized steel; 1.5 mm thick spangle-free galvanized sheet; matte textured surface; electrophoretic coating + powder coating; solid structure; wear-resistant and corrosion-resistant exterior |
| Unit Configuration      | Single unit with 8 vertical shoe access ports                                                                                                                                                                  |
| Capacity                | 129 pairs                                                                                                                                                                                                      |
| Dispensing Speed        | Average dispensing time: 3 s                                                                                                                                                                                   |
| Anti-pinch              | Each shoe access port is equipped with an anti-pinch function                                                                                                                                                  |
| Emergency Plan          | 1) Supports operation during network outages: dispensing and records are completed offline; data automatically syncs after reconnection<br>2) Supports operation for more than 1 hour during power outages     |
| Other Functions         | Surgical shoe inventory reminder: when stock of any size falls below the preset value, the interface displays an out-of-stock reminder                                                                         |

### Application Scenarios of Automated Rotary Shoe Dispenser



Automated Dispensing



Smart Receiving



Smart Storage



Medical Consumables Distribution

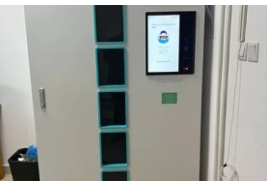
### Successful Cases of Automated Rotary Shoe Dispenser



Shandong Provincial Hospital



Anhui University of Science and Technology Affiliated Hospital



Anhui Medical University First Affiliated Hospital



Chinese PLA General Hospital