



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

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Large storage capacity: up to 129 pairs
- 02

Small footprint: only 1.2 m²
- 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 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

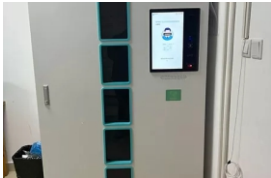
Successful Cases of Automated Rotary Shoe Dispenser



Shandong Provincial Hospital



Anhui University of Science and Technology Affiliated Hospital



Anhui Medical University First Affiliated Hospital



Chinese PLA General Hospital