



## Automated Garment Dispenser

Leveraging IoT and RFID technologies, ZHILAI MED garment dispensing locker delivers high identification accuracy and fast dispensing speed. Equipped with large storage capacity and fully traceable collection records, it effectively enhances the efficiency and user experience of linen retrieval.

### Key Features of Automated Garment Dispensing Cabinet

- 01

Efficient inventory counting and precise data statistics
- 02

Fast dispensing performance
- 03

Flexible storage arrangement
- 04

Large storage capacity to serve linens for 50 beds
- 05

Dimensions: 100 × 580 × 187 mm(W\*D\*H)

### Specification of Automated Garment Dispensing Cabinet

| Item                  | Specification                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Model                 | ZL-B20                                                                                                                               |
| Dimensions (W×D×H)    | 100 × 580 × 187 mm                                                                                                                   |
| Touchscreen           | 15.6-inch, supports voice broadcast                                                                                                  |
| Capacity              | Duvet covers: 50 pcs; Bedsheets: 50 pcs; Pillowcases: 50 pcs; Patient gowns: 50 pcs; Patient pants: 50 pcs                           |
| Identification        | Supports facial recognition, WeChat QR code scanning, IC staff card, NFC, account/password, and other identity uthentication methods |
| Speed                 | Average cabinet opening time ≤ 2 s                                                                                                   |
| Communication         | Wired, Wi-Fi, 4G                                                                                                                     |
| Enclosure Material    | Sheet-metal outer frame; resistant to acid and alcohol wipe cleaning                                                                 |
| Operating Environment |                                                                                                                                      |
| Item                  | Specification                                                                                                                        |
| Operating Temperature | 0°C to +40°C                                                                                                                         |
| Storage Temperature   | -20°C to +60°C                                                                                                                       |
| Operating Humidity    | < 95% (+25°C)                                                                                                                        |

### Application Scenarios of Automated Garment Dispensing Cabinet



Automated Dispensing



Smart Receiving



Smart Storage



Medical Consumables Distribution

### Successful Cases of Automated Garment Dispensing Cabinet



Shandong Provincial Hospital



Anhui University of Science and Technology Affiliated Hospital



Anhui Medical University First Affiliated Hospital



Chinese Pla General Hospital