

Automatic Sorting System

Scope of Application:

The automatic sorting system used in hospital PIVAS (Pharmacy Intravenous Admixture Services) can effectively improve the accuracy of drug dispensing, reduce work intensity, increase work efficiency, ensure medication safety, and enhance pharmaceutical services and hospital management.



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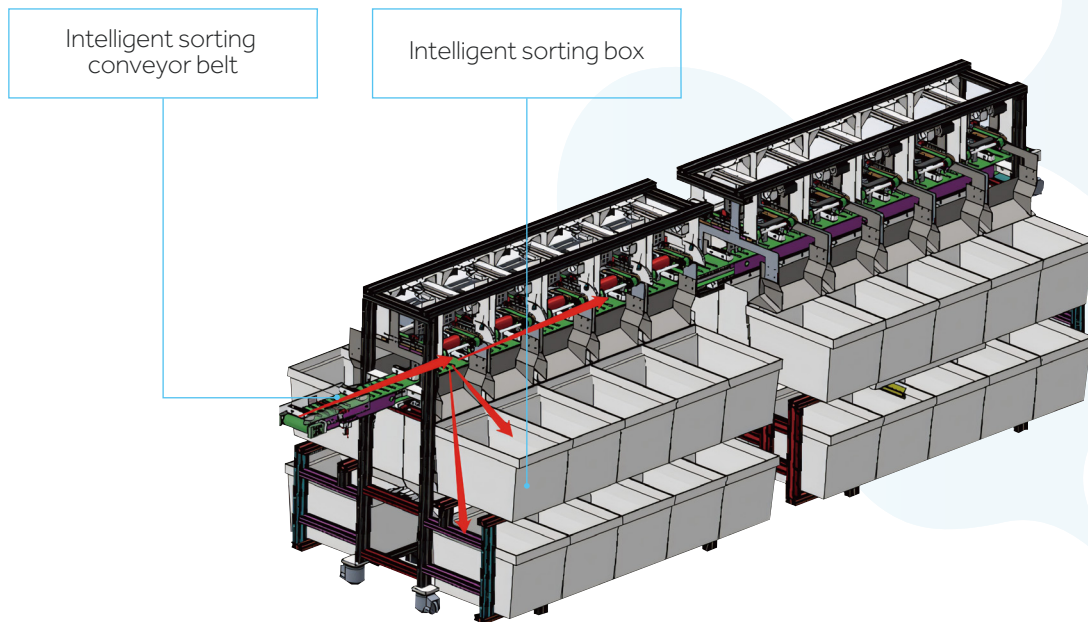
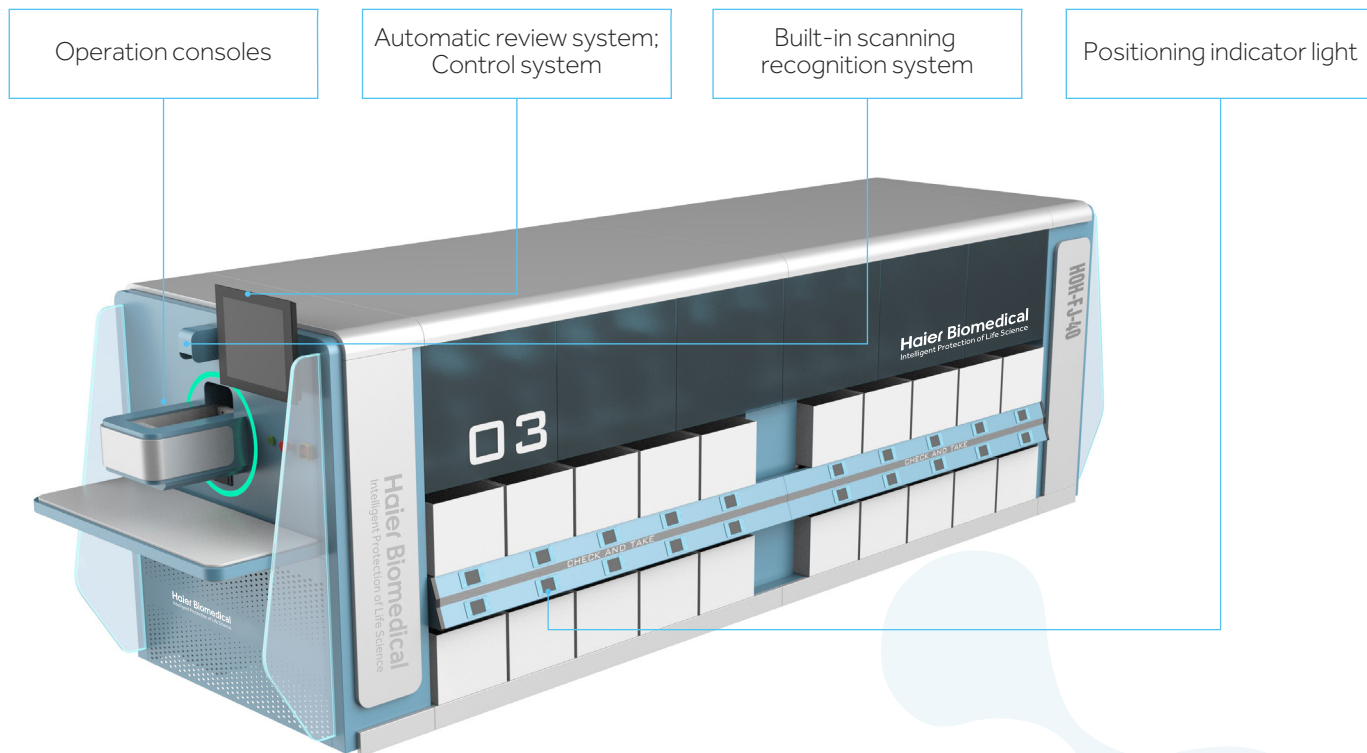
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Product Information

The system is integrated with at least the following units: operation consoles, control system, automatic review system, intelligent sorting conveyor belt, intelligent sorting box, built-in scanning recognition system, positioning indicator light



 **Product Advantages**



The system has a compact structure, light weight, good stability with fully considerations of the requirements of ergonomics



Equipped with a 17 inch touch screen, the equipment is a double layered structure with a long strip shape and a single set of equipment does not require any expansion to meet no less than 40 fixed sorting positions



There are manual and automatic electrical control methods available for users to choose from



Standard UV disinfection device to reduce drug contamination



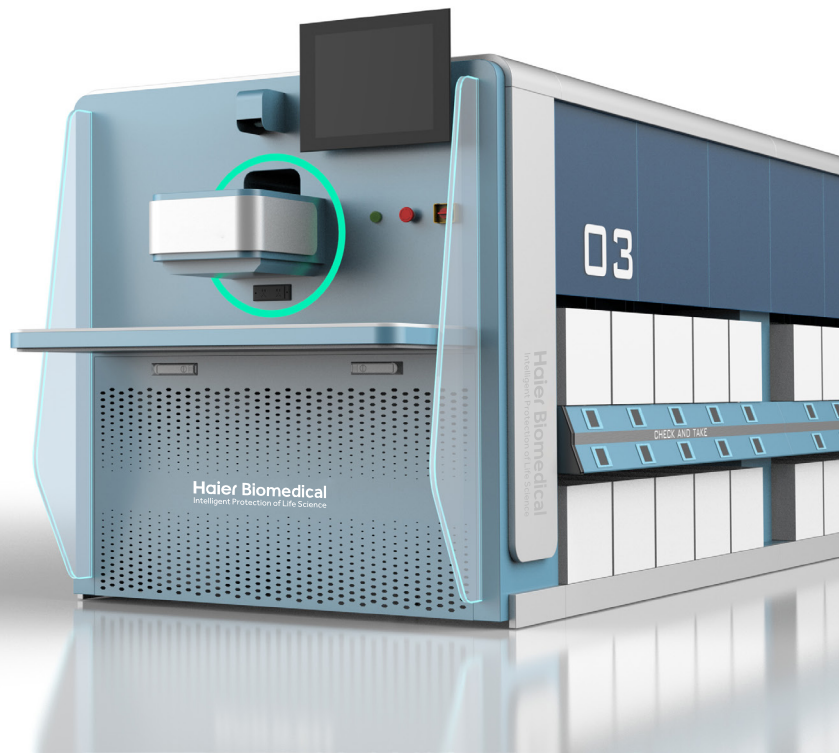
Real time monitoring of the operation of various components of the dispensing system, real-time monitoring of infusion product information, including batch number information of drugs, sorted prescription information, and unsorted prescription information



Each bag of medicine is transported horizontally in a single layer through physical separation ensuring no abnormalities such as material jamming in sorting process. When the conveyor belt and other conveying parts work abnormally, an alarm will be prompted



The equipment sorting module is composed of 10 circular robotic arms. A single circular robotic arm supports sorting of four sorting bins on both sides, with upper and lower layers. The conveyor belt is equipped with anti slip devices



 **Product Advantages**



The whole machine is divided into control section and sorting section. The sorting section can be expanded by standard unit section modules, with each sorting section ≥ 10 compartments/box. It supports automatic switching of sorting functions between upper and lower compartments at the same position, and can be added later according to the development needs of the hospital



The equipment has an automatic transfer function for abnormal infusion bags, which intercepts errors such as missed picking and incorrect information that occur during the PIVAS preparation process. The recycling port is located directly behind the entrance



The system has an automatic review function. After scanning through the operation console, the operator can directly perform the product review work on the control system interface



The system can receive information from HIS system or static distribution center, after sorting in a certain ward is completed or maximum capacity of sorting boxes is reached, it will automatically prompt that the sorting in that ward is completed or the sorting boxes are full with corresponding position flashing indication



The system can seamlessly integrate with the hospital's HIS system, receive real-time medical advice and medication information transmitted from HIS, and have the ability to provide corresponding software interface upgrade services

 **Product Advantages**

Model	HOH-FJ-40
Dimension (W*D*H) mm	1550*5350*1580
Net Weight (kg)	480
Power Supply (V/Hz)	AV220 \pm 10%/50
Power (W)	4000
Sorting Capacity	40+1 (40 standard boxes+1 abnormal box, the abnormal box is the collection area for infusion bags that were not sorted successfully)
Single Station Storage Capacity (bags)	30-50
Maximum Sorting Speed (bags/Hour)	2000