Automatic Medication Detection System

HOH-FBHD-01

Product Spec

Model	HOH-FBHD-01
Dimensions (W*D*H)(mm)	1250*665*1680
Inspection Speed	0.8-1.5 seconds/package
Detection Function	Check the quantity, shape, and color inside a package
Medicine Bag Width (mm)	70
Inspectable Tablets	Tablets with a size of 3mm * 3mm or more, powder cannot be detected
Power Supply	220V 50/60Hz
Power (KW)	2.2
Net Weight (Kg)	200

*Haier Biomedical reserves the right to change products and specifications without prior notice.

Technical Specification

Basic requirement: The system is used to verify the correctness of drug subcontracting and to verify the correctness of drugs packaged by packaging machines based on prescription to ensure the safety of drug distribution.

Equipment composition: Equipped with a touch screen for computer; Bag conveying module, smoothing module, vibration module, scanning module, visual module; Equipped with image acquisition device, including light source, high-definition camera, bar code scanner, etc.

Basic technical parameters

- Check the accuracy of each package of drugs by bag and take photos to record

- The shortest length of medication bags that support continuous inspection is ≤ 2 bags and there is no upper limit to the total length of medication bags

- Equipped with an independent drug image automatic detection system, with a detection speed of 0.8-1.5 seconds per package and adjustable speed

- Accurately analyze the form, size, color, and other information of drugs to digitize them, and store information through visualization

System structural parameters

- Equipped with an intelligent flattening device, the medicine bag of traditional Chinese medicine is evenly smoothed before detection, ensuring no damage to the medicine, so that the detection device can clearly and accurately identify the medicine

- The detection process of the medicine bag through the equipment will not get dirty or break the medicine bag and will not damage the medicine, ensuring the safety of the medicine in the sub packaging bag

Automatic verification of drug parameters

- Support the detection of 1, 1/2, 1/3 tablets, transparent pills, capsules, and other types of drugs

- Automatically recognize the bar code and QR code information of each bag, automatically verify relevant medical order information and drug information

- Automatically analyze the image information of drug bags, filter, and segment drugs, verify the shape information of each drug registration (including shape and size) and complete the drug verification process automatically

- Automatically analyze the image information of drug bags, filter, and segment drugs, verify the color system information of each drug registration, and complete the color verification process of drugs automatically

Drug identification method

- Drug form matching

- Matching of drug color concentration

- Single cell segmentation analysis matching

- Self built template database and automatically analyze and learn the differences between drug particles

Software function

- Support the collection and storage of automatically subcontracted drug information in the drug database of the verification system, as a basis for system identification

- Support viewing images of medication bags suspected of subcontracting errors