Factory Directly Supply Automatic CNC Detection Offline X-Ray Inspection Machine with 5μm Focus Size SMT X-Ray Inspection System

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: S-7000
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T,Western Union,
- Supply Ability: 150 UNITS PER MONTH



Product Specification

- Tube Voltage: 90KV
- Tube Current: 10-200μA
- Focus Size: 5μm
- Pixel Matrix: 1536*1536 Pixels
- Load Capacity: 10kg
- Total Power: 1400W
- Highlight: **Factory Directly Supply X-Ray Inspection Machine** , **Automatic CNC Detection X-Ray Inspection System** , **5μm Focus Size SMT X-Ray Inspection Machine**

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Product Description

Product Overview

The S-7000 is an offline X-ray inspection system engineered for precision defect detection in electronics manufacturing. The system comprises two core components: an X-ray source and a detector. The X-ray source is a Japanese Hamamatsu (HAMAMATSU) unit, paired with an iRay ultra-high-definition digital flat-panel detector for sharp, reliable imaging.

Key Features

- Suitable for electronics manufacturing, semiconductors, microwave devices, LEDs, connectors, and more.
- High-definition detection images capable of identifying product misalignment, continuous tin, virtual solder, air bubbles, and other defects.
- Equipped with a Hamamatsu 90KV 15μm light tube — maintenance-free with a long service life.
- CNC function enables automatic detection and judgment of NG, PASS, or OR results.
- Adopts a digital high-definition flat-panel detector.
- 4-axis linkage control system.

Speed and Accuracy Applications

Semiconductor Package
Electronic Connector Module
Die Casting
Automotive
Battery
LED
PCB'A Assembly

Specifications

Model: S-7000	
X-ray Source — Tube Style	90KV
Tube Voltage	10–200μA
Tube Current	8W
Optical Tube Power	5μm
Focus Size	150× geometric magnification, 1500× system magnification
Geometric Magnification	Air-cooled
Radiation Safety	Cooling method of bare pipe
Radiation Exemption Qualification	YFHB No. [20200072] — Compliant

Flat Panel Detector	
Detector Category	Digital HD flat panel detector
Pixel Matrix	1536 × 1536 pixels
Image Frame Rate (1×1)	20 fps
Pixel Spacing	85μm

Computer & Platform	
Computer	IPC-510 — Windows 10
Load-bearing Platform	10 kg
Detectable Size	350 × 330 mm

Equipment Specifications	
Total Power	1400W
Equipment Size	900 × 930 × 1580 mm
Equipment Weight	Approx. 800 kg
Supply Voltage	110–220V, 50–60Hz

Specifications are subject to change without notice. Please confirm final configuration with the supplier.

Shenzhen Wisdomshow Technology Co.,ltd

+86 18926538696 elysia.li@wdsbga.cn bgaxraymachine.com

No.6,Haosi Western Industry,Shangjing Town,Bao'an District,Shenzhen,China