8W Tube Power 5μm Focus Size 90KV Tube Voltage X-Ray Inspection Machine 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*1536pixels
- Load Capacity: 10kg
- Total Power: 1400W
- Highlight: **8W Tube Power X-Ray Inspection Machine**, **5μm Focus Size X-Ray Inspection System**, **90KV Tube Voltage X-Ray Inspection Machine**

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Product Description

Product Overview

Offline X-RAY S-7000 Detection Equipment

The X-RAY system consists of two main components: the X-ray source and the detector. The X-ray source is a Japanese Hamamatsu (HAMAMATSU) unit, paired with an iRay ultra-high-definition digital flat-panel detector.

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 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

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