Factory Directly Supply Automated X Ray Inspection System Industrial Digital X Ray Machine with Minimum Defect Resolution <1μm

Our Product Introduction

Basic Information



Product Specification

- Operating Voltage: 20-130KV
- Operating Current: 0.01-0.3mA
- Maximum Power: 64W
- Equipment Weight: Approx. 4000Kg
- Power Supply: 220V/50-60Hz
- Total Power: Approx. 2500W
- Highlight: **Factory Directly Supply X Ray Inspection System**
, **Automated Industrial X Ray Machine**, **Minimum Defect Resolution <1μm X Ray Inspection System**

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Our Product Introduction

Product Description

Product Overview

The Wisdomshow S-8300 is a factory-direct automated X-ray inspection system engineered for industrial digital radiography. It delivers high-precision defect detection for electronics manufacturing and quality assurance, combining microfocus imaging with a robust, production-ready platform



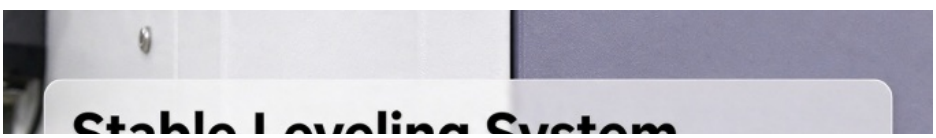
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Smart 3D X-Ray Inspection System
S8700 Series — Precision You Can Measure
ZC 智诚 WISDOM SHOW
3D
X-RAY
S8300
Layer by Layer Analysis
High Resolution
Fast Workflow
Quality Control

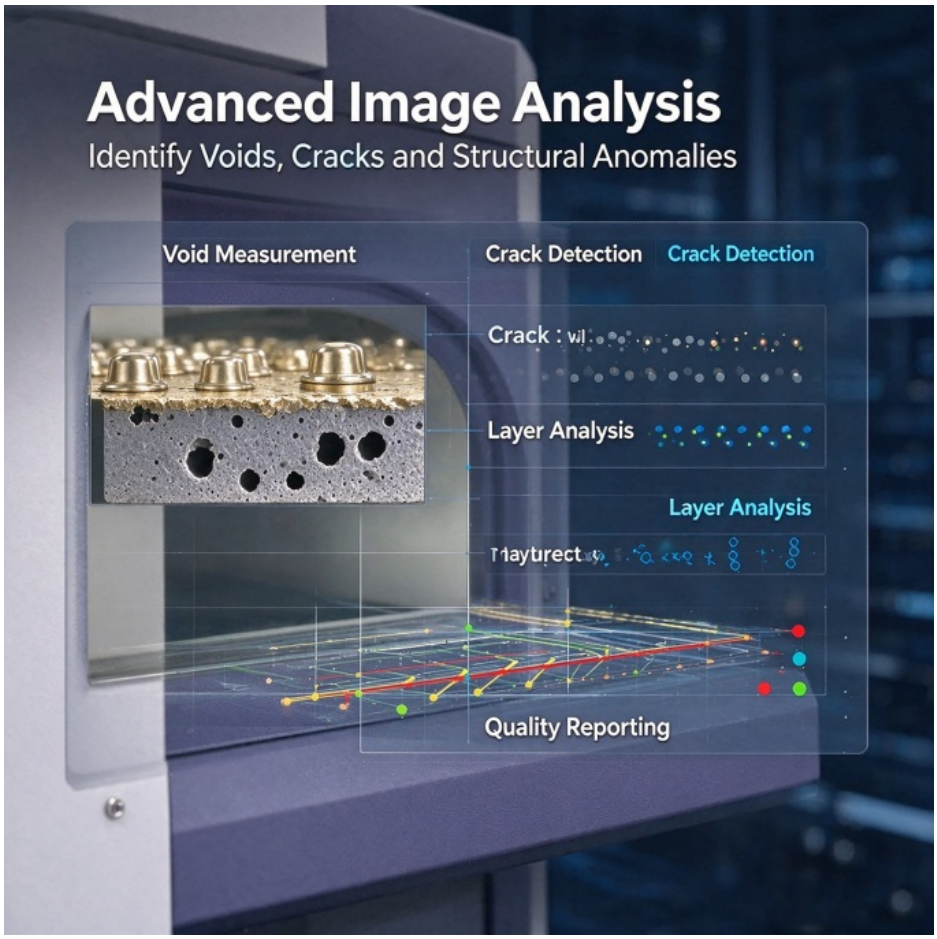

Precision Detection Chamber
Shielded Compartment for Safe, Stable Imaging
Lead-Lined Structure
Radiation Safety
Consistent Environment


X-Ray Image Review
Intuitive Operation Console
Control, Review and Analyze in One Workflow
Image Navigation
Defect Marking
Data Reporting


Robust Industrial Casing
Built for 24/7 Manufacturing Environments
High Rigidity
High Rigidity
Easy Maintenance
Status Indication
3D
X-RAY
58700


Stable Leveling System





Technical Parameter

Operating Voltage	20–130 KV
Operating Current	0.01–0.3 mA
Maximum Power Output	64 W
Equipment Weight	Approx. 4000 Kg
Power Supply	220V / 50–60 Hz

Power Supply	220V / 50–60 Hz
Total Power Consumption	Approx. 2500 W
Minimum Defect Resolution	< 1 μm
Microfocus Spot Size	5 μm
Equipment Dimensions	L1560 × W1780 × H1830 mm
Detector Type	Non-Silicon Flat Panel Detector (Optional)

Company Profile

Shenzhen Wisdomshow Technology specializes in the production, research and development, and sales of BGA rework stations, X-ray inspection equipment, and X-ray reel counting machines.

Our products are engineered to meet the highest standards, ensuring flawless PCB rework, accurate defect detection, and seamless component counting. Trusted by leading manufacturers across the globe, we combine advanced technology with proven expertise to keep your production lines ahead of the curve.

From Asia to Europe, the Americas to Africa, our innovations are shaping the future of electronics. Join countless satisfied clients who rely on us for quality, durability, and performance.

Elevate your operations with Shenzhen Wisdomshow — where experience meets excellence.











Packaging and Shipping



Frequently Asked Questions

Q1: What is the brand and model of this fully automatic BGA rework station?

A1: The fully automatic BGA rework station is manufactured by WDS, and the model number is WDS1800.

Q2: Where is the WDS1800 BGA rework station made?

A2: The WDS1800 is produced in China.

Q3: What types of components can the WDS1800 BGA rework station handle?

A3: The WDS1800 is designed to handle a wide range of BGA, QFN, and other surface-mounted components for rework and repair.

Q4: Is the WDS1800 easy to operate for beginners?

A4: Yes. The WDS1800 features a fully automatic system with an intuitive interface that makes it user-friendly, even for beginners.

Q5: What are the main features of the WDS1800 fully automatic BGA rework station?

A5: Key features include precise temperature control, automatic component alignment, programmable heating profiles, and a high-quality infrared heating system.

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