



Online X-Ray Inspection Machine with High Resolution Imaging and Real-Time Online Inspection for Industrial Quality Control

Our Product Introduction

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Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: Wisdomshow
- Certification: CE FDA ISO
- Model Number: AXI-7600
- Minimum Order Quantity: 1
- Packaging Details: Wooden case
- Delivery Time: 20 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union



Product Specification

- Weight: Approximately 500-800 Kg
- Imaging Technology: Digital Flat Panel Detector Or Line Scan Detector
- Tube Voltage: 90KV-130KV
- Operating Voltage: 220V/110V, 50/60Hz
- Safety Features: Lead Shielding, Interlock System, Radiation Protection Compliance
- Inspection Type: X-Ray
- Microfocus Size: 5-15 μm /5 μm
- Detection Objects: Metal Contaminants, Foreign Objects, Product Integrity
- Highlight: **High Resolution Imaging Online X-Ray Inspection Machine**
, **Real Time Online Inspection 2D X ray**



Product Description:

The Online X-Ray Inspection Machine is a cutting-edge X-ray inspection solution designed to elevate the standards of non-destructive testing and quality control across a wide range of industries. Equipped with a closed tube type, this advanced X-ray inspection system ensures optimal safety and reliability during operation, allowing users to perform thorough inspections without compromising on efficiency or precision.

One of the standout features of this 3D X-ray inspection system is its exceptional compatibility with various packaging materials. Whether dealing with plastic, glass, metal, or cardboard, this machine adapts seamlessly to different product types, making it an ideal choice for manufacturers seeking a versatile and comprehensive inspection tool. This adaptability ensures that businesses can maintain high-quality standards across diverse product lines without needing multiple inspection devices.

The Online X-Ray Inspection Machine boasts a high-resolution imaging capability, with resolution levels reaching up to 0.1 mm. This superior resolution allows for the detection of even the smallest defects or inconsistencies within products, providing manufacturers with the confidence that their goods meet stringent quality requirements. The precision offered by this X-ray inspection system is critical for industries where product integrity is paramount, such as pharmaceuticals, electronics, food and beverage, and automotive sectors.

Ease of use is a priority in the design of this X-ray inspection solution. The machine features a state-of-the-art touchscreen control panel with a graphical user interface, simplifying the operation process and minimizing the need for extensive training. The intuitive interface enables operators to quickly set inspection parameters, review results, and make adjustments as necessary, thereby enhancing productivity and reducing downtime. This user-friendly design ensures that even complex inspection tasks can be performed efficiently and accurately.

In addition to its technical capabilities, the Online X-Ray Inspection Machine is engineered for seamless integration into existing production lines. Its online inspection functionality allows for real-time quality control without interrupting manufacturing processes, facilitating continuous monitoring and immediate detection of defects. This proactive approach helps prevent defective products from reaching the market, thereby safeguarding brand reputation and customer satisfaction.

Overall, the Online X-Ray Inspection Machine represents a comprehensive and reliable X-ray inspection solution tailored to meet the evolving demands of modern manufacturing environments. Its closed tube type, high resolution, material compatibility, and user-friendly interface collectively deliver a powerful tool for non-destructive testing and quality assurance. By investing in this advanced 3D X-ray inspection system, businesses can significantly enhance their quality control processes, reduce waste, and ensure that only products meeting the highest standards reach their customers.

Features:

- Product Name: Online X-Ray Inspection Machine
- Detection Objects: Metal Contaminants, Foreign Objects, Product Integrity
- Imaging Technology: Digital Flat Panel Detector or Line Scan Detector
- Operating Voltage: 220V/110V, 50/60Hz
- Weight: Approximately 500-800 Kg
- Machine Dimensions: Varies, Typically Around 2000mm x 800mm x 1500mm
- Advanced PCB X-ray machine designed for precise inspection
- Efficient X-ray solder joint inspection system to ensure product quality
- Comprehensive X-ray inspection solution for detecting contaminants and foreign objects

Technical Parameters:

Product Name	Online X-Ray Inspection Machine
Application	Non-destructive Testing And Quality Control
Safety Features	Lead Shielding, Interlock System, Radiation Protection Compliance
Software Features	Real-time Image Processing, Defect Detection, Data Logging
Material Compatibility	Suitable For Various Packaging Materials Including Plastic, Glass, Metal, And Cardboard
Resolution	High Resolution, Up To 0.1 Mm
Operating Voltage	220V/110V, 50/60Hz
Tube Type	Closed
Tube Voltage	90KV-130KV
Microfocus Size	5-15 µm / 5 µm

Description	A 3D X-ray inspection system, online SMT X-ray machine, and automatic Industrial X-ray machine designed for high precision and reliable quality control.
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Applications:

The WisdomshowWi AXI-7600 Online X-Ray Inspection Machine is an advanced 3D X-ray inspection system designed for a wide range of industrial applications. Originating from Shenzhen, China, this cutting-edge X-ray NDT equipment offers high-resolution imaging up to 0.1 mm, enabling precise non-destructive testing and quality control. Its adjustable conveyor speed, typically up to 60 meters per minute, allows seamless integration into fast-paced production lines, making it ideal for real-time inspection scenarios.

This real-time X-ray machine is particularly suited for industries requiring meticulous quality assurance and safety compliance. In electronics manufacturing, the AXI-7600 excels at inspecting printed circuit boards (PCBs) for hidden defects, solder joint integrity, and component placement accuracy. Its high resolution and 3D imaging capabilities ensure that even the smallest flaws are detected promptly, reducing the risk of product failure and enhancing overall reliability.

In the automotive and aerospace sectors, the WisdomshowWi AXI-7600 serves as an essential tool for inspecting critical components such as castings, welds, and composite materials. The machine's non-destructive testing capabilities allow manufacturers to verify internal structures without damaging parts, ensuring safety and performance standards are met. Additionally, the adjustable conveyor speed supports various production volumes, from prototype evaluation to mass production quality control.

The AXI-7600 is also invaluable in pharmaceutical and food industries, where contamination detection and package integrity are crucial. The machine's X-ray inspection type facilitates real-time monitoring of products on the line, identifying foreign objects or inconsistencies that may compromise safety. Its built-in safety features, including lead shielding, an interlock system, and full radiation protection compliance, guarantee operator safety and regulatory adherence during continuous operation.

Furthermore, the WisdomshowWi AXI-7600's versatility extends to research and development environments, where detailed internal imaging aids in product innovation and failure analysis. Its user-friendly interface and robust construction make it suitable for diverse industrial scenarios, ensuring reliable performance in both high-throughput manufacturing and specialized inspection tasks.

In summary, the AXI-7600 Online X-Ray Inspection Machine from WisdomshowWi is an indispensable solution for industries demanding high-precision, non-destructive inspection. Its combination of high-resolution 3D X-ray imaging, adjustable conveyor speed, and comprehensive safety features make it an optimal choice for enhancing quality control processes across multiple application occasions and scenarios.

Customization:

WisdomshowWi offers comprehensive product customization services for the AXI-7600 Industrial X-ray machine, designed to meet the specific needs of your production line. Originating from Shenzhen, China, this inline SMT X-ray equipment can be tailored in terms of machine dimensions, typically around 2000mm x 800mm x 1500mm, to fit your workspace requirements.

The AXI-7600 Microfocus X-ray inspection system features adjustable conveyor speeds, typically up to 60 meters per minute, allowing seamless integration into various manufacturing processes. Power consumption can be optimized within the typical range of 1-3 KW based on your operational demands.

Our customization services also include software enhancements, providing real-time image processing, advanced defect detection, and comprehensive data logging capabilities. The system is capable of detecting metal contaminants, foreign objects, and ensuring product integrity, all tailored to your inspection criteria.

With WisdomshowWi's expertise, the AXI-7600 Industrial X-ray machine can be fully customized to enhance efficiency, accuracy, and reliability in your quality control workflow.

Support and Services:

Our Online X-Ray Inspection Machine is supported by a dedicated team of technical experts committed to ensuring optimal performance and reliability. We provide comprehensive product technical support, including installation guidance, system calibration, and routine maintenance assistance to maximize the operational efficiency of your inspection equipment.

In addition to technical support, we offer a range of professional services such as customized training programs for your staff, software updates to enhance inspection capabilities, and on-site troubleshooting to quickly resolve any issues. Our goal is to help you achieve consistent, high-quality inspection results with minimal downtime.

Whether you require assistance with system integration, defect analysis, or process optimization, our support services are designed to meet the specific needs of your production environment. We continuously strive to deliver innovative solutions and expert advice to keep your Online X-Ray Inspection Machine running at peak performance.

Trust our experienced support team to provide timely, efficient, and effective service, ensuring your investment in advanced inspection technology delivers maximum value and reliability throughout its lifecycle.

Packing and Shipping:

The Online X-Ray Inspection Machine is carefully packaged to ensure safe delivery and optimal performance upon arrival. Each unit is securely enclosed in a custom-fitted foam mold inside a sturdy, double-walled corrugated cardboard box to protect against shocks and vibrations during transit.

Additionally, the packaging includes anti-static materials to safeguard sensitive electronic components from electrostatic discharge. All accessories, cables, and user manuals are neatly organized and packed within the same box to prevent loss or damage.

For shipping, the product is palletized and shrink-wrapped to provide extra stability and protection. We use reliable logistics partners to offer timely and secure delivery worldwide. Tracking information is provided once the shipment is dispatched, ensuring full transparency throughout the shipping process.

We recommend inspecting the package immediately upon receipt and reporting any damages to the carrier and our customer service team to facilitate prompt resolution.

FAQ:

Q1: What is the brand and model of this Online X-Ray Inspection Machine?

A1: The Online X-Ray Inspection Machine is from the brand WisdomshowWi, and the model number is AXI-7600.

Q2: Where is the WisdomshowWi AXI-7600 manufactured?

A2: The WisdomshowWi AXI-7600 is manufactured in Shenzhen, China.

Q3: What applications is the AXI-7600 Online X-Ray Inspection Machine suitable for?

A3: The AXI-7600 is ideal for inspecting electronic components, circuit boards, and other industrial products for defects or quality control purposes.

Q4: Does the AXI-7600 support real-time online inspection?

A4: Yes, the AXI-7600 is designed for real-time online X-ray inspection, enabling efficient and accurate defect detection during the production process.

Q5: What features distinguish the WisdomshowWi AXI-7600 from other X-ray inspection machines?

A5: The AXI-7600 offers high-resolution imaging, advanced defect recognition algorithms, and user-friendly software, making it a reliable choice for automated quality inspection.



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