



Wisdomshow AXI-7600 5 μ m Microfocus Size Online X-Ray Inspection Machine with Real-time Image Processing and High Resolution 0.1 mm

Our Product Introduction

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Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: WisdomshowWi
- Model Number: AXI-7600



Product Specification

- Power Consumption: Typically 1-3 KW
- Operating Voltage: 220V/110V, 50/60Hz
- Tube Type: Closed
- Weight: Approximately 500-800 Kg
- Material Compatibility: Suitable For Various Packaging Materials Including Plastic, Glass, Metal, And Cardboard
- Product Name: Online X-Ray Inspection Machine
- Conveyor Speed: Adjustable, Typically Up To 60 M/min
- Software Features: Real-time Image Processing, Defect Detection, Data Logging
- Detectionobjects: Metal Contaminants, Glass, Stones, Plastics, And Other Foreign Materials
- Resolution: High Resolution, Up To 0.1 Mm



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Product Description:

The Online X-Ray Inspection Machine is a state-of-the-art solution designed to meet the rigorous demands of modern industrial inspection processes. This advanced device weighs approximately 500-800 Kg, providing a robust and stable platform for high-precision X-ray imaging. Equipped with a closed tube type, the machine ensures safety and reliability during operation, making it an ideal choice for continuous, real-time inspection environments.

Specially engineered as a real-time X-ray machine, this product excels in delivering instant and accurate inspection results, which is crucial for maintaining quality control in fast-paced production lines. Its high-resolution capabilities, with a remarkable resolution of up to 0.1 mm, enable the detection of even the smallest defects or contaminants. This precision is invaluable for industries requiring meticulous inspection standards, such as electronics manufacturing and food safety.

One of the key features of this online SMT X-ray machine is its ability to detect a wide range of inspection objects. It is proficient at identifying metal contaminants that could compromise product safety, as well as foreign objects that may have inadvertently entered the production stream. Additionally, the machine assesses product integrity, ensuring that the final output meets stringent quality requirements. This comprehensive detection capability helps reduce the risk of product recalls and enhances customer satisfaction. As a PCB X-ray machine, it is optimized for inspecting printed circuit boards with exceptional accuracy. The high-resolution imaging allows manufacturers to uncover hidden defects such as solder joint issues, internal cracks, and misalignments that are not visible to the naked eye. This capability significantly improves the reliability and performance of electronic devices by enabling early detection and correction of potential problems.

The design of the Online X-Ray Inspection Machine supports seamless integration into existing production lines, allowing for continuous, non-destructive inspection without interrupting workflow. Its closed tube type enhances operator safety by minimizing X-ray exposure, while the sturdy construction supports consistent performance over long operational periods. The machine's user-friendly interface and real-time data processing facilitate swift decision-making and corrective actions, thereby boosting overall production efficiency. In summary, the Online X-Ray Inspection Machine is an indispensable tool for industries that demand high precision and reliability in their inspection processes. Its combination of a closed tube type, high-resolution imaging up to 0.1 mm, and the ability to detect metal contaminants, foreign objects, and product integrity issues make it a versatile and powerful solution. Whether used as a real-time X-ray machine, an online SMT X-ray machine, or a PCB X-ray machine, it delivers unparalleled performance and helps maintain the highest standards of quality control.

Features:

- Product Name: Online X-Ray Inspection Machine
- Tube Voltage: 90KV-130KV
- Microfocus Size: 5-15 µm / 5 µm
- Detection Objects: Metal Contaminants, Foreign Objects, Product Integrity
- Tube Type: Closed
- Operating Voltage: 220V/110V, 50/60Hz
- Advanced 3D X-ray inspection system for precise and comprehensive analysis
- Automatic Industrial X-ray machine designed for efficient and reliable inspection processes
- High-quality X-ray NDT equipment suitable for various industrial applications

Technical Parameters:

Product Name	Online X-Ray Inspection Machine
Operating Voltage	220V/110V, 50/60Hz
Application	Non-destructive Testing And Quality Control
Software Features	Real-time Image Processing, Defect Detection, Data Logging
Tube Voltage	90KV-130KV
Resolution	High Resolution, Up To 0.1 Mm
Microfocus Size	5-15 µm / 5 µm
Imaging Technology	Digital Flat Panel Detector Or Line Scan Detector
Inspection Type	X-Ray
Detection Objects	Metal Contaminants, Foreign Objects, Product Integrity

Applications:

The WisdomshowWi Online X-Ray Inspection Machine, model AXI-7600, is a cutting-edge X-ray inspection equipment designed and manufactured in Shenzhen, China. This advanced system is ideal for a wide range of industrial applications where precision and reliability are paramount. With its high resolution of up to 0.1 mm, the AXI-7600 excels in detecting metal contaminants, foreign objects, and verifying product integrity across various production lines.

One of the primary application occasions for the AXI-7600 is in the electronics manufacturing industry as a PCB X-ray machine. It is especially suitable for inspecting printed circuit boards (PCBs) to identify defects such as solder joint issues, hidden cracks, and internal structural anomalies. The microfocus X-ray inspection system allows for detailed imaging, making it indispensable for quality assurance in

high-tech electronic assembly processes.

In addition to electronics, the WisdomshowWi AXI-7600 is widely used in the food and pharmaceutical sectors. The machine's ability to detect metal contaminants and foreign objects ensures that products meet stringent safety standards before reaching consumers. Its compatibility with various packaging materials including plastic, glass, metal, and cardboard makes it versatile for inspecting packaged goods without compromising the packaging integrity.

Furthermore, the AXI-7600 is well-suited for applications in automotive, aerospace, and manufacturing industries where product integrity is critical. The high-resolution X-ray inspection type enables the detection of structural defects, cracks, and inclusions in components and assemblies. This ensures that every product leaving the production line adheres to the highest quality standards.

The online nature of the WisdomshowWi X-ray inspection machine facilitates real-time inspection and continuous monitoring during production, enhancing efficiency and reducing downtime. Its robust design and advanced imaging capabilities make it a reliable solution for companies seeking to improve product quality and safety through precise, non-destructive testing.

Customization:

WisdomshowWi offers comprehensive product customization services for the Online X-Ray Inspection Machine, model AXI-7600, designed and manufactured in Shenzhen, China. This advanced X-ray inspection system features an adjustable conveyor speed, typically up to 60 M/min, and machine dimensions that generally measure around 2000mm X 800mm X 1500mm, allowing for flexible integration into various production lines.

Our 3D X-ray inspection system is equipped with a tube voltage range of 90KV-130KV, providing powerful and precise imaging capabilities essential for non-destructive testing and quality control applications. The system's software includes real-time image processing, defect detection, and data logging features, ensuring accurate and efficient inspection results.

Customization options include tailored conveyor speed settings, machine dimension adjustments to fit specific spatial requirements, and software feature enhancements to meet unique inspection needs. With WisdomshowWi's 3D X-ray inspection system, clients receive a reliable and adaptable solution that enhances product quality and production efficiency.

Support and Services:

Our Online X-Ray Inspection Machine comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experts is dedicated to assisting you with installation, calibration, and routine maintenance to maximize the efficiency of your inspection processes.

We provide detailed user manuals and training materials to help your staff operate the machine confidently and safely. Additionally, our remote diagnostics and troubleshooting services allow us to quickly identify and resolve any issues, minimizing downtime.

Regular software updates and system upgrades are available to keep your inspection machine up-to-date with the latest technology and inspection capabilities. Customization options and integration support ensure seamless compatibility with your existing production lines.

Our commitment to quality and customer satisfaction means we offer prompt and professional after-sales service, including repair, replacement parts, and on-site technical support when necessary.

Choose our Online X-Ray Inspection Machine for a reliable, efficient, and fully supported solution to meet your quality control needs.

Packing and Shipping:

The Online X-Ray Inspection Machine is carefully packaged to ensure maximum protection during transit. It is securely enclosed in a custom-designed wooden crate with shock-absorbing foam inserts to prevent any damage from vibrations or impacts. All sensitive components are individually wrapped and cushioned.

For shipping, the machine is handled by professional logistics providers experienced in transporting delicate industrial equipment. The package is clearly labeled with handling instructions, including "Fragile" and "This Side Up" markers. We offer various shipping options including air freight, sea freight, and express courier services to meet your delivery needs.

Before shipment, each unit undergoes a thorough inspection and testing to confirm it is fully operational. A detailed user manual, installation guide, and warranty information are included in the package to assist with setup and maintenance upon arrival.

Our packaging and shipping process is designed to ensure that the Online X-Ray Inspection Machine arrives safely and ready for immediate use at your facility.

FAQ:

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

A1: The Online X-Ray Inspection Machine is manufactured by WisdomshowWi and the model number is AXI-7600.

Q2: Where is the WisdomshowWi AXI-7600 X-Ray Inspection Machine made?

A2: This machine is made in Shenzhen, China.

Q3: What industries is the AXI-7600 suitable for?

A3: The AXI-7600 is widely used in electronics, automotive, aerospace, and manufacturing industries for quality control and defect detection.

Q4: What are the key features of the WisdomshowWi AXI-7600?

A4: The AXI-7600 offers high-resolution X-ray imaging, real-time defect detection, automated inspection capabilities, and user-friendly software interface.

Q5: How is the AXI-7600 integrated into an existing production line?

A5: The AXI-7600 can be customized for seamless integration with your production line, supporting various conveyor speeds and communication protocols.



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