



## 500-800 Kg Online X-Ray Inspection Machine with Closed Tube Type and 60 M/min Conveyor Speed

Our Product Introduction

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### Basic Information

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



### Product Specification

- User Interface: Touchscreen Control Panel With Graphical User Interface
- Microfocus Size: 5-15  $\mu\text{m}$ /5  $\mu\text{m}$
- Detection Objects: Metal Contaminants, Foreign Objects, Product Integrity
- Software Features: Real-time Image Processing, Defect Detection, Data Logging
- Conveyor Speed: Adjustable, Typically Up To 60 M/min
- Machine Dimensions: Varies, Typically Around 2000mm X 800mm X 1500mm
- Operating Voltage: 220V/110V, 50/60Hz
- Material Compatibility: Suitable For Various Packaging Materials Including Plastic, Glass, Metal, And Cardboard

### Product Description:

The Online X-Ray Inspection Machine is an advanced inline SMT X-ray equipment designed to deliver precise and reliable inspection results for a wide range of packaging materials. This versatile machine is suitable for various packaging substrates, including plastic, glass, metal, and cardboard, making it an ideal choice for industries requiring thorough quality control across diverse product lines. Its robust design and adaptability ensure seamless integration into existing production environments, enhancing inspection efficiency without compromising throughput.

One of the standout features of this Real-time X-ray machine is its capability to detect a variety of contaminants and defects that can compromise product quality. It is highly effective in identifying metal contaminants, foreign objects, and product integrity issues, providing manufacturers with the confidence that their products meet stringent safety and quality standards. This comprehensive detection ability helps minimize recalls, reduce waste, and protect brand reputation by ensuring only defect-free products reach consumers.

The machine's weight ranges from approximately 500 to 800 kilograms, reflecting its sturdy construction and the incorporation of high-quality components. Despite its solid build, the system is designed with user convenience in mind, allowing for relatively straightforward installation and maintenance. Its compact footprint makes it suitable for inline integration, where space and efficiency are critical considerations.

Equipped with cutting-edge software features, the Online X-Ray Inspection Machine excels in real-time image processing and defect detection. The software provides instant analysis and feedback, enabling operators to make quick decisions and adjustments during production. Data logging capabilities allow for detailed record-keeping and traceability, which are essential for compliance with industry regulations and for continuous improvement initiatives. This software sophistication positions the machine as a critical tool for manufacturers aiming to maintain high-quality standards and optimize their production lines.

Another key advantage of this inline SMT X-ray equipment is its adjustable conveyor speed, which can typically reach up to 60 meters per minute. This flexibility allows manufacturers to tailor the inspection process according to their specific production speeds and requirements, balancing thorough inspection with operational efficiency. The adjustable conveyor ensures that the machine can keep pace with high-speed production environments without sacrificing accuracy.

In summary, the Online X-Ray Inspection Machine represents a significant advancement in inline SMT X-ray equipment technology. Its compatibility with various packaging materials, comprehensive detection capabilities, robust design, advanced software features, and adjustable conveyor speed combine to deliver a powerful inspection solution. Whether used in food and beverage, pharmaceuticals, electronics, or other manufacturing sectors, this Real-time X-ray machine helps ensure product safety, quality, and integrity, making it an indispensable asset for modern production lines.

### Features:

Product Name: Online X-Ray Inspection Machine

Application: Non-destructive Testing and Quality Control

Machine Dimensions: Varies, typically around 2000mm x 800mm x 1500mm

Weight: Approximately 500-800 Kg

Software Features:

Real-time Image Processing

Defect Detection

Data Logging

Material Compatibility: Suitable for various packaging materials including plastic, glass, metal, and cardboard

Type: Industrial X-ray machine designed as real-time X-ray machine for efficient inspection

Category: X-ray inspection equipment for comprehensive quality control in industrial settings

### Technical Parameters:

Product Name	Online X-Ray Inspection Machine
Operating Voltage	220V/110V, 50/60Hz
Microfocus Size	5-15 µm / 5 µm
Software Features	Real-time Image Processing, Defect Detection, Data Logging
Resolution	High Resolution, Up To 0.1 mm
Inspection Type	X-Ray
Imaging Technology	Digital Flat Panel Detector Or Line Scan Detector
Conveyor Speed	Adjustable, Typically Up To 60 m/min
Power Consumption	Typically 1-3 KW
Tube Type	Closed

### Applications:

The WisdomshowWi Online X-Ray Inspection Machine, model AXI-7600, originating from Shenzhen, China, is an advanced X-ray inspection system designed for non-destructive testing and quality control across a variety of industries. This state-of-the-art SMT X-ray

machine offers exceptional precision with its microfocus size ranging between 5-15  $\mu\text{m}$ , enabling detailed internal inspection of electronic components and assemblies without causing any damage.

Ideal for use in manufacturing environments, the AXI-7600 automatic industrial X-ray machine excels in detecting hidden defects such as solder joint issues, voids, and misalignments in surface mount technology (SMT) components. Its real-time image processing capability allows operators to immediately visualize internal structures, making it indispensable for high-throughput production lines where rapid inspection and decision-making are critical.

The machine's advanced software features include defect detection algorithms and comprehensive data logging, which facilitate efficient quality control and traceability. This makes the WisdomshowWi Online X-Ray Inspection Machine highly suitable for electronics manufacturing plants, automotive parts inspection, aerospace component verification, and other sectors requiring stringent quality assurance standards.

In scenarios where continuous monitoring is essential, such as inline production processes, this automatic industrial X-ray machine seamlessly integrates with existing manufacturing systems, enabling constant surveillance without interrupting workflow. Its ability to perform non-destructive testing ensures that each item is thoroughly inspected while maintaining product integrity.

Furthermore, the AXI-7600 is particularly beneficial in research and development environments where detailed internal analysis aids in product design improvement and failure analysis. By utilizing this SMT X-ray machine, engineers and quality control teams can detect subtle defects early, reducing costly recalls and enhancing overall product reliability.

Overall, the WisdomshowWi Online X-Ray Inspection Machine is a versatile and powerful tool suitable for a wide range of application occasions and scenarios, including electronics assembly lines, industrial quality assurance stations, and R&D laboratories, making it an indispensable asset for modern manufacturing and inspection needs.

## Customization:

WisdomshowWi offers customized solutions for the Online X-Ray Inspection Machine, model AXI-7600, designed and manufactured in Shenzhen, China. This automatic X-ray machine features a closed tube type and advanced imaging technology, including Digital Flat Panel Detector or Line Scan Detector options, ensuring precise and reliable inspection results.

The AXI-7600 online SMT X-ray machine is suitable for various packaging materials including plastic, glass, metal, and cardboard, making it a versatile X-ray inspection solution for diverse industrial applications. With a typical power consumption of 1-3 KW, it balances efficiency with performance to meet your production needs.

Our product customization services allow you to tailor the Online X-Ray Inspection Machine to your specific requirements, ensuring optimal integration into your quality control processes. Trust WisdomshowWi to deliver a high-quality, efficient, and customizable X-ray inspection solution that enhances your manufacturing workflow.

## Support and Services:

Our Online X-Ray Inspection Machine is designed to deliver high-precision, real-time inspection solutions for various industries. To ensure optimal performance and longevity of your equipment, we provide comprehensive technical support and services.

Technical Support includes assistance with installation, calibration, and operation of the machine. Our experts are available to troubleshoot any issues, provide software updates, and offer guidance on system integration to maximize inspection accuracy and efficiency.

We also offer preventive maintenance services to keep your X-Ray Inspection Machine running smoothly. Regular maintenance includes system diagnostics, cleaning, and parts replacement to prevent unexpected downtime and extend the lifespan of your equipment. Training programs are available for your staff to ensure they are proficient in using the machine effectively and safely. This training covers machine operation, safety protocols, and interpretation of inspection results.

In addition, customization and upgrade services are provided to tailor the machine to specific application requirements and to incorporate the latest technological advancements.

Our commitment is to provide reliable support and services that help you achieve consistent inspection quality and improve your production processes.

## 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 placed in a custom-designed wooden crate with foam padding to protect against shocks and vibrations during transit.

All components are individually wrapped and sealed to prevent dust and moisture damage. The packaging includes clear labeling for easy identification and handling instructions to ensure proper care during shipping.

For shipping, we use reliable freight services with tracking options to monitor the shipment progress. The machine is shipped with insurance to cover any potential damages or losses, providing peace of mind to our customers.

Upon receipt, it is recommended to inspect the packaging and product immediately for any signs of damage and report any issues to the shipping carrier and our support team promptly.

## FAQ:

### Q1: What is the brand and model of the 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 AXI-7600 Online X-Ray Inspection Machine made?

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

### Q3: What are the primary applications of the WisdomshowWi AXI-7600?

A3: The AXI-7600 is designed for non-destructive inspection of electronic components, assemblies, and other materials to detect internal defects and ensure quality control.

### Q4: Does the AXI-7600 support automated online inspection?

A4: Yes, the AXI-7600 is an online X-ray inspection machine capable of integrating into automated production lines for real-time inspection.

### Q5: What kind of user interface does the WisdomshowWi AXI-7600 have?

A5: The AXI-7600 features a user-friendly interface with advanced imaging software to facilitate easy operation and detailed defect analysis.



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