



## Data Logging Online X-Ray Inspection Machine with Line Scan Detector and Touchscreen Control Panel

Our Product Introduction

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### Basic Information

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



### Product Specification

- Inspection Type: X-Ray
- Product Name: Online X-Ray Inspection Machine
- User Interface: Touchscreen Control Panel With Graphical User Interface
- Machine Dimensions: Varies, Typically Around 2000mm X 800mm X 1500mm
- Operating Voltage: 220V/110V, 50/60Hz
- Power Consumption: Typically 1-3 KW
- Imaging Technology: Digital Flat Panel Detector Or Line Scan Detector
- Software Features: Real-time Image Processing, Defect Detection, Data Logging
- Tube Type: Closed
- Xraysource: Sealed X-ray Tube



### More Images



### Product Description:

The Online X-Ray Inspection Machine is an advanced automatic X-ray machine designed to meet the rigorous demands of modern manufacturing and quality control environments. This cutting-edge Microfocus X-ray inspection system is engineered to provide precise and reliable inspection capabilities, particularly suited for the electronics industry, including SMT X-ray machine applications. It offers unparalleled accuracy in detecting hidden defects and ensuring product integrity without compromising safety or efficiency.

One of the standout features of this online X-ray inspection machine is its comprehensive safety system. The device incorporates robust lead shielding that effectively contains radiation, ensuring the safety of operators and surrounding personnel. Complementing the shielding is an interlock system that prevents accidental exposure by disabling the X-ray source whenever access doors or panels are opened. Furthermore, the entire system complies with stringent radiation protection regulations, providing peace of mind and adherence to international safety standards.

The machine utilizes a closed tube type X-ray source, which enhances both operational safety and system reliability. Closed tubes are known for their durability and reduced maintenance requirements, making them ideal for continuous use in high-throughput inspection lines. This feature ensures that the machine maintains consistent performance over extended periods, minimizing downtime and ensuring a steady inspection flow.

Ease of use is a critical aspect of the Online X-Ray Inspection Machine. It features a touchscreen control panel equipped with an intuitive graphical user interface (GUI). This interface streamlines operation by allowing users to quickly set parameters, monitor inspection processes, and review results with minimal training. The touchscreen control panel facilitates efficient workflow management and real-time adjustments, enabling operators to optimize inspection quality and throughput effectively.

The conveyor system integrated into this Microfocus X-ray inspection system is designed for flexibility and high performance. It offers adjustable conveyor speeds, typically up to 60 meters per minute, allowing the machine to adapt to various production line speeds and product types. This adaptability ensures that the SMT X-ray machine can be seamlessly integrated into diverse manufacturing environments, from small-scale operations to large, automated production lines. The conveyor's smooth and controlled movement helps maintain image clarity and inspection accuracy by stabilizing the product during scanning.

Despite its powerful capabilities and robust construction, the Online X-Ray Inspection Machine maintains a manageable weight, approximately between 500 and 800 kilograms. This balance of sturdiness and portability allows for relatively straightforward installation and repositioning within production facilities. The machine's compact footprint combined with its moderate weight makes it suitable for facilities with space constraints, ensuring that advanced X-ray inspection technology is accessible even in limited spaces.

In summary, the Online X-Ray Inspection Machine is a state-of-the-art automatic X-ray machine that combines safety, precision, and user-friendly operation. Its lead shielding, interlock safety system, and compliance with radiation protection standards guarantee a secure working environment. The closed tube X-ray source ensures reliable and maintenance-friendly performance, while the touchscreen control panel with a graphical user interface simplifies operation. Adjustable conveyor speeds up to 60 meters per minute provide the flexibility needed to match various production requirements. With a weight range of approximately 500 to 800 kilograms, this Microfocus X-ray inspection system is an ideal choice for industries requiring meticulous quality control, especially in the electronics sector where SMT X-ray machines are essential. This machine represents a significant investment in quality assurance, enhancing product reliability and manufacturing efficiency.

### Features:

Product Name: Online X-Ray Inspection Machine

Safety Features:

Lead Shielding

Interlock System

Radiation Protection Compliance

Imaging Technology:

Digital Flat Panel Detector or Line Scan Detector

Machine Dimensions: Varies, Typically Around 2000mm X 800mm X 1500mm

Software Features:

Real-time Image Processing

Defect Detection

Data Logging

Inspection Type: X-Ray

Keywords:

Real-time X-ray machine

Online SMT X-ray machine

### Technical Parameters:

Product Name	Online X-Ray Inspection Machine
Operating Voltage	220V/110V, 50/60Hz
Detection Objects	Metal Contaminants, Foreign Objects, Product Integrity
Safety Features	Lead Shielding, Interlock System, Radiation Protection Compliance
Inspection Type	X-Ray
Software Features	Real-time Image Processing, Defect Detection, Data Logging

Imaging Technology	Digital Flat Panel Detector or Line Scan Detector
Weight	Approximately 500-800 Kg
Tube Type	Closed
Microfocus Size	5-15 $\mu\text{m}$ / 5 $\mu\text{m}$

## Applications:

The WisdomshowWi Online X-Ray Inspection Machine, model AXI-7600, is an advanced industrial X-ray machine designed and manufactured in Shenzhen, China. This state-of-the-art real-time X-ray machine offers a highly efficient X-ray inspection solution for a wide range of applications across various industries. With its adjustable conveyor speed, typically up to 60 meters per minute, and compact machine dimensions around 2000mm x 800mm x 1500mm, the AXI-7600 seamlessly integrates into existing production lines to enhance quality control processes without compromising workflow.

This online X-ray inspection machine is ideal for manufacturing environments that require meticulous, non-destructive testing and inspection of products. It is frequently employed in electronics manufacturing to detect internal defects such as solder joint flaws, component misalignments, and hidden cracks in printed circuit boards. Additionally, the AXI-7600 proves invaluable in the food and pharmaceutical industries, where it ensures product safety by identifying foreign objects, contaminants, or packaging integrity issues in real time. The real-time X-ray machine capability allows operators to monitor inspection results instantly, facilitating immediate decision-making and reducing the risk of defective products reaching consumers.

Equipped with a user-friendly touchscreen control panel featuring a graphical user interface, the WisdomshowWi AXI-7600 offers intuitive operation and easy adjustment of inspection parameters. This enhances usability for operators and reduces training time, making it suitable for both small-scale facilities and large industrial plants. The machine's adaptable conveyor speed allows customization according to specific inspection requirements, optimizing throughput and inspection accuracy. Furthermore, its robust design and reliable performance make it a dependable X-ray inspection solution for high-volume production lines demanding consistent quality assurance. In summary, the WisdomshowWi AXI-7600 Online X-Ray Inspection Machine is a versatile and powerful industrial X-ray machine perfect for real-time inspection needs. It serves as a comprehensive X-ray inspection solution for industries such as electronics, food, pharmaceuticals, and automotive manufacturing. Its combination of advanced technology, adjustable conveyor speed, compact design, and user-friendly interface ensures it meets the diverse inspection occasion demands encountered in modern production environments.

## Customization:

WisdomshowWi offers customized Online X-Ray Inspection Machine solutions designed to meet your specific industrial needs. Our model AXI-7600, originating from Shenzhen, China, is a high-performance Industrial X-ray machine that provides a reliable X-ray inspection solution for various applications.

Equipped with advanced imaging technology, including a Digital Flat Panel Detector or Line Scan Detector, the AXI-7600 ensures high-resolution imaging up to 0.1 mm, delivering precise and detailed inspection results. This Microfocus X-ray inspection system operates efficiently at 220V/110V with 50/60Hz, making it adaptable for different power requirements.

The user-friendly touchscreen control panel with a graphical user interface allows for easy operation and customization, enabling users to tailor the inspection process to their unique demands. Trust WisdomshowWi's Online X-Ray Inspection Machine for cutting-edge technology and customizable features that enhance your industrial inspection capabilities.

## Support and Services:

Our Online X-Ray Inspection Machine is designed to provide precise and reliable inspection solutions for a wide range of applications. To ensure optimal performance and longevity of your equipment, we offer comprehensive technical support and services.

**Technical Support:**

Our dedicated technical support team is available to assist you with installation, calibration, and troubleshooting. We provide detailed user manuals, software updates, and remote assistance to quickly resolve any issues you may encounter. Our experts are trained to help you maximize the capabilities of your X-Ray inspection system.

**Maintenance Services:**

Regular maintenance is crucial to maintain the accuracy and efficiency of your inspection machine. We offer scheduled maintenance services including system diagnostics, component cleaning, and replacement of worn parts. Our maintenance plans are tailored to meet your operational requirements, minimizing downtime and extending the machine's service life.

**Training and Consultation:**

We provide comprehensive training programs for your staff to ensure proper operation and handling of the X-Ray Inspection Machine. Our consultation services include application optimization, process integration, and compliance with industry standards to help you achieve the best inspection results.

**Upgrades and Customization:**

To keep your inspection system up-to-date with the latest technology, we offer upgrade options for hardware and software. Customization services are also available to adapt the machine to your specific inspection needs, enhancing its functionality and efficiency.

**Warranty and Repair:**

Our products come with a warranty covering parts and workmanship. In the event of a malfunction, we provide prompt repair services using genuine replacement parts to restore your machine to full operation as quickly as possible.

By choosing our Online X-Ray Inspection Machine, you gain access to a full range of support services designed to ensure your inspection processes are accurate, efficient, and reliable.

## Packing and Shipping:

The Online X-Ray Inspection Machine is carefully packaged to ensure maximum protection during transit. The machine is securely placed in a custom-built wooden crate with foam padding to prevent any damage from shocks or vibrations. All sensitive components are wrapped with anti-static materials and sealed to avoid contamination.

For shipping, the package is clearly labeled with handling instructions and fragile warnings. We use reliable freight services that specialize in handling delicate electronic equipment. Tracking information is provided to the customer to monitor the shipment status until delivery.

Upon receipt, it is recommended to inspect the packaging for any signs of damage before unpacking. Our packaging and shipping process is designed to guarantee that the Online X-Ray Inspection Machine arrives safely and is ready for immediate installation and use.

## FAQ:

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

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

**Q2: Where is the AXI-7600 Online X-Ray Inspection Machine manufactured?**

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

**Q3: What applications is the WisdomshowWi AXI-7600 suitable for?**

A3: The AXI-7600 is designed for online inspection in various industries, including electronics, automotive, and manufacturing, to detect internal defects and ensure product quality.

**Q4: What are the key features of the AXI-7600 Online X-Ray Inspection Machine?**

A4: Key features include high-resolution imaging, real-time defect detection, automated analysis, and user-friendly interface, making it efficient for quality control processes.

**Q5: Can the AXI-7600 be integrated into existing production lines?**

A5: Yes, the WisdomshowWi AXI-7600 is designed for seamless integration into existing production lines to provide continuous and automated inspection.



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