



Online X-Ray Inspection Machine with Touchscreen Control Panel, 90KV-130KV Tube Voltage, and High Resolution Imaging

Our Product Introduction

for more products please visit us on bgaxraymachine.com

Basic Information

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



Product Specification

- Machine Dimensions: Varies, Typically Around 2000mm X 800mm X 1500mm
- Product Name: Online X-Ray Inspection Machine
- User Interface: Touchscreen Control Panel With Graphical User Interface
- Detection Objects: Metal Contaminants, Foreign Objects, Product Integrity
- Tube Type: Closed
- Power Consumption: Typically 1-3 KW
- Microfocus Size: 5-15 μm /5 μm
- Tube Voltage: 90KV-130KV
- Dimensions: 1200 Mm X 800 Mm X 1500 Mm
- Operating Voltage: 220V/110V, 50/60Hz
- Conveyor Speed: Adjustable, Typically Up To 60 M/min



More Images



Product Description:

The Online X-Ray Inspection Machine is an advanced PCB X-ray machine designed to provide precise and reliable inspection solutions for various industries. This automatic X-ray machine is engineered to detect metal contaminants, foreign objects, and ensure product integrity with exceptional accuracy. Its cutting-edge X-ray inspection system integrates seamlessly into production lines, enhancing quality control and minimizing defects in real-time.

With machine dimensions typically around 2000mm x 800mm x 1500mm, the Online X-Ray Inspection Machine offers a compact yet robust design that fits well within most manufacturing environments. Despite its powerful capabilities, the machine maintains a manageable weight of approximately 500-800 Kg, making installation and integration straightforward. The system operates on a standard voltage of 220V/110V with a frequency of 50/60Hz, ensuring compatibility with a wide range of electrical infrastructures worldwide.

One of the standout features of this PCB X-ray machine is its sophisticated software suite, which includes real-time image processing, defect detection, and comprehensive data logging capabilities. The real-time image processing function allows operators to view high-resolution X-ray images instantly, enabling immediate identification of any anomalies or defects within the inspected products. This rapid feedback loop significantly reduces downtime and enhances overall production efficiency.

The defect detection feature of the X-ray inspection system is meticulously designed to identify even the smallest irregularities. Whether it's metal contaminants embedded within a product, foreign objects that could compromise safety, or structural inconsistencies affecting product integrity, this automatic X-ray machine provides thorough inspection coverage. The system's advanced algorithms analyze image data meticulously, ensuring that no defects go unnoticed.

Data logging is another critical aspect of the Online X-Ray Inspection Machine, offering detailed records of every inspection cycle. This functionality supports traceability and quality assurance processes by maintaining comprehensive logs that can be reviewed for audit purposes or continuous improvement initiatives. Operators and quality managers can access historical data to identify trends, optimize production parameters, and enforce stringent quality standards.

In addition to these features, the Online X-Ray Inspection Machine is designed for user-friendly operation and maintenance. Its intuitive interface simplifies the setup and adjustment of inspection parameters, allowing operators with varying levels of expertise to achieve optimal results. Furthermore, the system's modular construction facilitates easy servicing and upgrades, ensuring long-term reliability and adaptability to evolving production needs.

Overall, this automatic X-ray machine represents a significant advancement in the field of PCB X-ray machines and X-ray inspection systems. It combines powerful detection capabilities with user-centric software features and a compact, durable design. Whether deployed in electronics manufacturing, food safety, pharmaceuticals, or other sectors, the Online X-Ray Inspection Machine delivers unmatched inspection accuracy, operational efficiency, and quality assurance.

By integrating this X-ray inspection system into your production line, you gain a robust tool to safeguard product quality, protect end-users, and comply with industry standards. Its ability to detect metal contaminants, foreign objects, and verify product integrity ensures that only products meeting the highest quality criteria reach the market. The Online X-Ray Inspection Machine is an indispensable asset for any organization committed to excellence and reliability in manufacturing.

Features:

- Product Name: Online X-Ray Inspection Machine
- Operating Voltage: 220V/110V, 50/60Hz
- Machine Dimensions: Varies, Typically Around 2000mm X 800mm X 1500mm
- Imaging Technology: Digital Flat Panel Detector or Line Scan Detector
- Tube Voltage: 90KV-130KV
- Inspection Type: X-Ray
- Advanced 3D X-ray inspection system for detailed analysis
- Efficient online SMT X-ray machine designed for real-time inspection
- Comprehensive X-ray inspection solution to ensure product quality

Technical Parameters:

Power Consumption	Typically 1-3 KW
Resolution	High Resolution, Up To 0.1 Mm
Imaging Technology	Digital Flat Panel Detector Or Line Scan Detector
Microfocus Size	5-15 µm / 5 µm
User Interface	Touchscreen Control Panel With Graphical User Interface
Application	Non-destructive Testing And Quality Control
Machine Dimensions	Varies, Typically Around 2000mm X 800mm X 1500mm
Tube Voltage	90KV-130KV
Safety Features	Lead Shielding, Interlock System, Radiation Protection Compliance
Conveyor Speed	Adjustable, Typically Up To 60 M/min

Applications:

The WisdomshowWi Online X-Ray Inspection Machine, model AXI-7600, originating from Shenzhen, China, is a state-of-the-art microfocus X-ray inspection system designed to meet the rigorous demands of modern manufacturing and quality control environments. This advanced SMT X-ray machine is specifically engineered to detect metal contaminants, foreign objects, and ensure product integrity across a wide range of applications. Its closed tube type design guarantees high precision and safety during operation, making it an indispensable tool in various industrial scenarios.

In electronics manufacturing, the AXI-7600 serves as a critical PCB X-ray machine, providing detailed internal imaging of printed circuit boards. It enables manufacturers to identify solder joint defects, component misalignments, and hidden structural issues without damaging the product. This capability is essential during the assembly of complex electronic devices, where reliability and performance are paramount. The system's microfocus technology allows for high-resolution inspection, supporting processes such as quality assurance, failure analysis, and process optimization in SMT production lines.

The machine's robust construction, weighing approximately 500-800 kg, ensures stability and durability in demanding industrial environments. Its typical power consumption of 1-3 KW makes it energy-efficient while maintaining exceptional performance. The AXI-7600 is ideal for online inspection scenarios where continuous, real-time monitoring of products on the production line is necessary. This includes applications in food safety, pharmaceuticals, automotive parts inspection, and aerospace component verification, where detecting foreign objects and ensuring product integrity are critical for compliance and safety.

Additionally, the WisdomshowWi Online X-Ray Inspection Machine can be seamlessly integrated into automated production systems, enhancing throughput and reducing manual inspection errors. Its versatility and precision make it suitable for laboratories and research facilities focusing on material characterization and defect analysis. Overall, the AXI-7600 provides a reliable, efficient, and comprehensive solution for various inspection needs, embodying the advanced capabilities expected from a leading microfocus X-ray inspection system, SMT X-ray machine, and PCB X-ray machine in today's competitive industrial landscape.

Customization:

WisdomshowWi offers customized product solutions for the AXI-7600 Online X-Ray Inspection Machine, designed and manufactured in Shenzhen, China. This high-resolution inline SMT X-ray equipment provides exceptional image clarity with a resolution of up to 0.1 mm, ensuring precise detection of metal contaminants, foreign objects, and product integrity issues.

The AXI-7600 utilizes advanced imaging technology, featuring either a Digital Flat Panel Detector or a Line Scan Detector, tailored to meet your specific inspection needs. With a power consumption typically ranging from 1 to 3 KW, this online SMT X-ray machine is energy-efficient and reliable for continuous operation.

Ideal for non-destructive testing and quality control applications, our X-ray NDT equipment can be customized to integrate seamlessly into your production line, enhancing inspection accuracy and throughput. Trust WisdomshowWi to deliver an online SMT X-ray machine solution that meets your unique industrial requirements.

Support and Services:

Our Online X-Ray Inspection Machine is designed to provide high-precision, real-time inspection for various industrial applications. To ensure optimal performance and longevity of the machine, we offer comprehensive technical support and services tailored to meet your operational needs.

Technical Support:

Our dedicated technical support team is available to assist you with installation, calibration, and troubleshooting of the Online X-Ray Inspection Machine. We provide detailed user manuals, software updates, and remote diagnostics to quickly address any issues that may arise during operation.

Maintenance Services:

Regular maintenance is crucial for maintaining the accuracy and reliability of the X-Ray inspection system. We offer scheduled maintenance services including system checks, component cleaning, and preventive replacement of critical parts to minimize downtime and extend the machine's service life.

Training and Consultation:

To maximize the benefits of your Online X-Ray Inspection Machine, we provide comprehensive training sessions for your operators and technicians. Our experts also offer consultation services to help optimize inspection processes and integrate the system seamlessly into your production line.

Customization and Upgrades:

We understand that each production environment has unique requirements. Our team can work with you to customize system configurations and provide software and hardware upgrades to enhance inspection capabilities and adapt to evolving industry standards.

Warranty and Repair:

The Online X-Ray Inspection Machine comes with a standard warranty covering parts and labor. In the event of a malfunction, our service center is equipped to perform timely repairs using genuine replacement parts to restore your system to full functionality.

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

Packing and Shipping:

Product Packaging and Shipping for Online X-Ray Inspection Machine

The Online X-Ray Inspection Machine is carefully packaged to ensure it reaches you in perfect condition. The machine is securely placed in a custom-designed, shock-resistant wooden crate with foam padding to protect all sensitive components during transit. All detachable parts are separately packed and clearly labeled for easy assembly upon delivery.

Before packaging, the machine undergoes thorough quality checks and testing to guarantee optimal performance. The package includes all necessary accessories, user manuals, and installation guides.

For shipping, we offer multiple options including air freight, sea freight, and express courier services, depending on your location and urgency. The packaging is compliant with international shipping standards to ensure safe delivery worldwide.

Tracking information and estimated delivery times will be provided once the product is dispatched. Our logistics team is available to assist with customs clearance and any shipping-related inquiries to ensure a smooth and timely delivery process.

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 WisdomshowWi AXI-7600 manufactured?

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

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

A3: The AXI-7600 is ideal for electronics manufacturing, automotive parts inspection, food safety, and pharmaceutical quality control.

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

A4: Yes, the AXI-7600 is designed for real-time online X-ray inspection to ensure fast and accurate quality control during production.

Q5: What are the key features of the WisdomshowWi AXI-7600?

A5: Key features include high-resolution imaging, advanced defect detection algorithms, user-friendly interface, and robust build quality suitable for continuous operation.



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