Online X-Ray Inspection Machine with 5μm Focal Spot Size and 220V/50-60Hz Power Supply in L1650×W1850×H1950mm Dimensions

Our Product Introduction

Basic Information

- Brand Name: WISDOMSHOW
- Certification: CE
- Model Number: S-9200
- Minimum Order Quantity: Radiation Safety License (Yue Huan Fu Zheng [B0774]); Exemption Filing For Radioisotopes And Radiation Devices
- Packaging Details: Standard Export Wooden Case Packaging
- Payment Terms: T/T,Negotiable
- Supply Ability: Approx. 50-100 Units/month



Product Specification

- Total Power: 2500W
- Loading Area: 570mm × 570mm
- Max Inspection Area: 550mm × 550mm
- Dimensions: L1650×W1850×H1950mm
- Machine Weight: Approx.3500kg
- Power Supply: 220V/50-60Hz
- Max Sample Weight: ≤10kg
- Focal Spot Size: 5μm
- Highlight: **5μm Focal Spot Online X-Ray Inspection Machine** , **220V/50-60Hz Power Supply Inline X-Ray Inspection System** , **L1650×W1850×H1950mm Automatic X-Ray**



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Product Description

Product Description:

The Online X-Ray Inspection Machine is an advanced and highly efficient piece of x-ray inspection equipment designed to meet the rigorous demands of modern industrial quality control. Combining cutting-edge technology with robust construction, this automatic X-ray machine offers unparalleled precision and reliability for inspecting a wide range of samples. With a total power consumption of 2500W, it ensures optimal performance while maintaining energy efficiency, making it an ideal choice for continuous operation in various manufacturing and production environments.

One of the standout features of this online X-ray inspection machine is its microfocus X-ray inspection system. This system utilizes a finely focused X-ray beam to deliver high-resolution images, enabling the detection of even the smallest defects, inconsistencies, or structural anomalies in inspected items. The microfocus technology significantly enhances the clarity and detail of the inspection results, which is crucial for industries where accuracy and reliability are paramount, such as electronics, aerospace, automotive, and medical device manufacturing.

Designed with versatility in mind, this automatic X-ray machine can accommodate samples weighing up to 10 kilograms, making it suitable for a broad spectrum of applications. The generous loading area measuring 570mm by 570mm provides ample space for various sample sizes, while the maximum inspection area of 550mm by 550mm ensures thorough and comprehensive examination of each item. This combination of capacity and inspection coverage allows users to efficiently inspect parts and components without compromising on precision or throughput.

The physical dimensions of the Online X-Ray Inspection Machine are thoughtfully engineered to balance space utilization and accessibility. Measuring L1650 * W1850 * H1950mm, the machine occupies a compact footprint relative to its capabilities, making it feasible to integrate into existing production lines or quality control stations. Despite its relatively compact size, it offers easy access for loading and unloading samples, as well as for maintenance and calibration tasks, ensuring minimal downtime and maximum productivity.

As a state-of-the-art piece of x-ray inspection equipment, this machine is fully automated, streamlining the inspection process and reducing the need for manual intervention. The automation capabilities not only enhance operational efficiency but also improve consistency and repeatability of inspection results. Operators can rely on the automatic X-ray machine to perform detailed analyses with minimal supervision, freeing up valuable human resources for other critical tasks within the production workflow.

Furthermore, the online nature of this X-ray inspection machine enables seamless integration with digital data management systems. This connectivity facilitates real-time monitoring, data logging, and analysis, empowering manufacturers to make informed decisions quickly and maintain stringent quality standards. The ability to track and document inspection outcomes contributes to improved traceability and compliance with industry regulations and customer requirements.

In summary, the Online X-Ray Inspection Machine is an indispensable tool for industries seeking a reliable, high-precision, and efficient solution for non-destructive testing and quality assurance. Its microfocus X-ray inspection system, combined with a substantial loading and inspection area, robust power capacity, and automated operation, ensures exceptional performance and versatility. Whether inspecting small electronic components or larger mechanical parts, this automatic X-ray machine delivers consistent, high-quality results that enhance product reliability and customer satisfaction.

Features:

Product Name: Online X-Ray Inspection Machine

Machine Weight: Approx. 3500kg

Power Supply: 220V / 50-60Hz

Total Power: 2500W

Max Sample Weight: ≤10kg

Max Inspection Area: 550mm * 550mm

High precision PCB X-ray machine for detailed inspection

Efficient X-ray inspection solution for quality control

Fully automatic X-ray machine for seamless operation

Technical Parameters:

Max Inspection Area	550mm * 550mm
Power Supply	220V/50-60Hz
Max Sample Weight	≤10kg
Loading Area	570mm * 570mm
Dimensions (L*W*H)	1650mm * 1850mm * 1950mm
Total Power	2500W
Focal Spot Size	5μm
Machine Weight	Approx. 3500kg

Applications:

The WISDOMSHOW S-9200 Online X-Ray Inspection Machine is a cutting-edge PCB X-ray machine designed to meet the rigorous demands of modern electronic manufacturing environments. With its advanced features and CE certification, this model provides a reliable and efficient X-ray inspection solution for a wide range of applications. Its high precision focal spot size of 5μm allows for detailed

inspection of intricate components, making it ideal for quality control in PCB assembly lines.
In the fast-paced world of surface-mount technology (SMT), the S-9200 serves as an indispensable online SMT X-ray machine. It seamlessly integrates into production lines, offering real-time inspection of solder joints, component placements, and hidden defects without interrupting the manufacturing process. The large maximum inspection area of 550mm * 550mm and loading area of 570mm * 570mm accommodate various PCB sizes, enhancing its versatility in different production scenarios.
Industries such as consumer electronics, automotive electronics, aerospace, and medical device manufacturing benefit greatly from the S-9200's robust inspection capabilities. Its total power of 2500W ensures consistent operation and high throughput, supporting supply abilities of approximately 50-100 units per month. The machine's dimensions (L1650*W1850*H1950mm) and standard export wooden case packaging facilitate easy installation and transportation globally. Customers can purchase the S-9200 with confidence, supported by flexible payment terms such as T/T and negotiable options, and the assurance of compliance with radiation safety standards, backed by the Radiation Safety License (Yue Huan Fu Zheng [B0774]) and exemption filing for radioisotopes and radiation devices.
The WISDOMSHOW S-9200 is particularly suited for scenarios requiring non-destructive testing and quality assurance during PCB production. It excels in detecting internal defects like voids, misalignments, and soldering issues that are invisible to optical inspection methods. As a comprehensive X-ray inspection solution, it enhances product reliability and reduces the risk of failure in end-use applications.
In summary, the WISDOMSHOW S-9200 online X-ray inspection machine is a state-of-the-art tool for manufacturers seeking efficient, precise, and safe inspection of PCBs and SMT assemblies. Its advanced technology, compliance with international safety standards, and adaptability to various production scales make it an essential asset in quality control and defect detection workflows across multiple high-tech industries.

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