Offline X-Ray Inspection Machine with 520 × 445 mm Max Inspection Area and 520 × 520 mm Loading Area, 2.0 KW SMT X-Ray Machine

Our Product Introduction

Basic Information

- Brand Name: Wisdomshow
- Model Number: S7200



Product Specification

- Dimensions: L1300 × W1320 × H1800 Mm
- Machine Weight: Approx. 1250 Kg
- Focal Spot Size: 5μm
- Max Sample Weight: ≤10 Kg
- Power Supply: 220V / 50Hz
- Total Power: 2.0 KW
- Loading Area: 520 × 520 Mm
- Max Inspection Area: 520 × 445 Mm
- Highlight: **520 × 445 mm Offline X-Ray Inspection Machine**, **520 × 520 mm Loading Area SMT X-Ray Machine** , **2.0 KW Industrial X-Ray Machine**



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Product Description

Product Description:

The Offline X-Ray Inspection Machine is a state-of-the-art inspection tool designed to meet the rigorous demands of modern manufacturing and quality control processes. Engineered to deliver precise and reliable inspections, this SMT X Ray Machine is an indispensable asset for industries requiring detailed internal visualization of components without causing any damage. With its robust build and advanced technology, the machine ensures accurate detection of defects, solder joint issues, and assembly errors that are otherwise invisible to the naked eye or conventional inspection methods.

Weighing approximately 1250 Kg, the Offline X-Ray Inspection Machine offers a stable and durable platform that supports consistent operation, even in demanding production environments. Its substantial weight contributes to reduced vibrations during the inspection process, thereby enhancing image clarity and overall inspection accuracy. This stability is crucial for industries such as electronics manufacturing, where precision is paramount.

The machine boasts a maximum inspection area of 520 * 445 mm, allowing it to accommodate a wide range of component sizes and assemblies. This generous inspection window makes it suitable for various applications, from small-scale PCB assemblies to larger electronic modules, providing flexibility and adaptability in the inspection process. Additionally, the loading area measures 520 * 520 mm, providing ample space for easy placement and handling of inspection samples, which improves workflow efficiency and reduces downtime.

Powered by a standard 220V / 50Hz power supply, the Offline X-Ray Inspection Machine is designed for easy integration into existing production lines worldwide. Its total power consumption stands at 2.0 KW, reflecting an energy-efficient design that balances performance with operational cost savings. This power efficiency makes it an environmentally friendly choice, aligning with modern sustainability goals without compromising on inspection quality.

As an advanced inspection tool, this SMT X Ray Machine incorporates cutting-edge imaging technology that produces high-resolution X-ray images, enabling operators to detect minute defects such as voids, cracks, and misalignments within components. The machine's intuitive interface and user-friendly controls facilitate quick setup and operation, minimizing the learning curve for new users and maximizing productivity.

Furthermore, the Offline X-Ray Inspection Machine is versatile and can be integrated seamlessly with other inspection tools and quality control systems to provide a comprehensive inspection solution. Its compatibility with various software platforms allows for detailed image analysis, reporting, and data management, which are essential for maintaining high standards in manufacturing quality assurance.

In summary, the Offline X-Ray Inspection Machine is a highly reliable and efficient inspection tool ideal for industries that demand meticulous internal inspection of electronic components. Its combination of a substantial inspection area, stable machine weight, energy-efficient power consumption, and advanced imaging capabilities makes it a standout choice among SMT X Ray Machines. Whether used for routine quality checks or detailed failure analysis, this machine delivers unparalleled performance, helping manufacturers ensure product integrity and customer satisfaction.

Features:

Product Name: Offline X-Ray Inspection Machine

Dimensions: L1300 * W1320 * H1800 Mm

Power Supply: 220V / 50Hz

Total Power: 2.0 KW

Loading Area: 520 * 520 Mm

Machine Weight: Approx. 1250 Kg

Equipped with a high-performance Industrial X Ray Tube for precise imaging

Specialized BGA X Ray Inspection Machine designed for detailed inspection of ball grid arrays

Reliable and efficient BGA X Ray Inspection Machine suitable for industrial applications

Technical Parameters:

Total Power	2.0 KW
Max Inspection Area	520 * 445 Mm
Machine Weight	Approx. 1250 Kg
Power Supply	220V / 50Hz
Dimensions (L*W*H)	1300 * 1320 * 1800 Mm
Loading Area	520 * 520 Mm
Max Sample Weight	≤10 Kg
Focal Spot Size	5 μm

Applications:

The Wisdomshow S7200 Offline X-Ray Inspection Machine is a highly reliable and efficient Industrial X Ray Machine designed to meet the rigorous demands of various industrial applications. With a robust machine weight of approximately 1250 Kg, it ensures stability and precision during inspection processes. The S7200 operates on a standard power supply of 220V / 50Hz and consumes a total power of 2.0 KW, making it both powerful and energy-efficient.

This Industrial X Ray Machine features a spacious loading area of 520 * 520 mm, accommodating a wide range of sample sizes. It

supports a maximum sample weight of up to 10 Kg, allowing for the inspection of diverse materials and components. These attributes make the Wisdomshow S7200 ideal for industrial settings where thorough and non-destructive testing is critical.
The S7200 is widely used in quality control departments across various industries including electronics, automotive, aerospace, pharmaceuticals, and food processing. In electronics manufacturing, it is employed to inspect circuit boards for defects such as solder joint issues, component misalignments, and internal cracks without damaging the product. In automotive and aerospace sectors, the Industrial X Ray Machine helps ensure the integrity of critical parts like castings, welds, and composite materials, thereby enhancing safety and performance.
In pharmaceutical and food industries, the Wisdomshow S7200 is used for contamination detection and packaging integrity verification, ensuring that products meet safety standards before reaching consumers. Additionally, it is invaluable in research and development laboratories where detailed internal analysis of prototypes and raw materials is necessary to optimize designs and manufacturing processes.
Thanks to its offline operation capability, this Industrial X Ray Machine provides flexibility and convenience for facilities that require dedicated inspection stations without network dependencies. The Wisdomshow S7200's combination of advanced technology, durability, and versatility makes it an essential tool for comprehensive industrial inspection occasions and scenarios, guaranteeing product quality and safety across multiple sectors.

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