Online X-Ray Counter Machine and X-Ray Reel Counter with Counting Accuracy 100 Percent for 10201 and Above, Reel Size Height 3 to 80 mm, Detectable Parts Smallest 01005

Our Product Introduction

Basic Information

- Brand Name: Wisdomshow
- Certification: CE FDA ISO
- Model Number: DS3200
- Minimum Order Quantity: 1
- Delivery Time: 45 Days



Product Specification

- Detector Type: Amorphous Silicon Flat Panel
- Total Power: 2400W
- Reel Size: 7–17 In, Height 3–80 Mm
- Dimensions: L4500 × W1200 × H2118 Mm
- Power Supply: 220V / 50-60Hz
- Counting Accuracy: 99.99% For 01005; 100% For 10201 And Above
- Detectable Parts: Smallest 01005, Covers All Current Standard Parts
- Reel Weight: ≤10 Kg
- Highlight: **Counting Accuracy 100 Percent X-Ray Reel Counter** , **Reel Size Height 3 To 80 Mm Online X-Ray Counter Machine**



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Product Description

Product Description:

The Online X-Ray Counter Machine is a state-of-the-art solution designed for precision counting of electronic components on PCB reels. Engineered to meet the rigorous demands of modern electronics manufacturing, this advanced equipment combines high-speed performance with exceptional accuracy, making it an indispensable tool for quality control and inventory management. Its robust design and cutting-edge technology enable efficient and reliable counting of surface mount devices (SMDs) and other small electronic components on reels.

One of the standout features of this machine is its impressive total power of 2400W, providing the necessary energy to operate its sophisticated X-ray detection system and automated counting mechanism. This power ensures stable performance and rapid processing, allowing the machine to handle high workloads without compromising accuracy. The machine supports a power supply of 220V / 50-60Hz, making it compatible with standard electrical infrastructures in a wide range of industrial environments.

The inspection speed of the Online X-Ray Counter Machine ranges between 200 to 300 reels per hour, significantly enhancing productivity and throughput in manufacturing lines. This high-speed capability is particularly beneficial for large-scale production facilities where rapid and accurate component counting is critical to maintaining operational efficiency. The machine's automation reduces manual labor and minimizes human error, ensuring consistent and reliable results across every reel processed.

Designed with ample dimensions of L4500 * W1200 * H2118 mm, the machine occupies a compact footprint relative to its capabilities. Its size is optimized to fit seamlessly into existing production lines without requiring extensive modifications or additional space. Despite its compact design, it incorporates advanced technology capable of detecting even the smallest parts, including the tiniest 01005 components. This capability covers all current standard parts used in the electronics industry, ensuring versatility and adaptability to various component sizes and types.

The Online X-Ray Counter Machine excels as a PCB reel X-ray automatic counter, utilizing sophisticated X-ray imaging to accurately count components without physical contact. This non-destructive inspection method preserves the integrity of delicate electronic parts, preventing damage that can occur with traditional counting methods. By leveraging X-ray technology, the machine provides precise counts even in cases where components are densely packed or covered by protective tapes and packaging.

As an X-ray SMD reel counter, this equipment is specifically tailored to handle surface mount device reels, which are common in modern electronic assembly processes. The machine's ability to detect and count components on these reels streamlines inventory management and ensures accurate tracking of component usage. This helps manufacturers reduce waste, optimize stock levels, and avoid production delays caused by component shortages or miscounts.

Furthermore, the machine functions as an X-ray electronic component counter that supports a wide range of component types beyond just SMDs. Its advanced detection system and adaptable software algorithms allow it to process various reel formats and component configurations, making it a versatile asset for electronics manufacturing companies. The precise counting results enable better quality control, improved inventory accuracy, and enhanced production planning.

In summary, the Online X-Ray Counter Machine is a powerful, fast, and accurate solution designed to meet the demands of modern electronics manufacturing. Its high total power, rapid inspection speed, compact dimensions, and ability to detect the smallest standard parts make it an ideal choice for any facility requiring reliable component counting. By integrating this PCB reel X-ray automatic counter, businesses can achieve improved efficiency, reduced errors, and optimized inventory management, solidifying their competitive edge in the electronics industry.

Features:

Product Name: Online X-Ray Counter Machine

Dimensions: L4500 * W1200 * H2118 mm

Total Power: 2400W

Power Supply: 220V / 50-60Hz

Reel Weight Capacity: ≤10 Kg

Counting Accuracy: 99.99% for 01005 components; 100% for 10201 and above

High precision X-ray inventory counter for reliable component counting

Efficient SMT X-ray counting machine designed for speed and accuracy

Advanced X-ray SMT reel counter suitable for various reel sizes and weights

Technical Parameters:

Power Supply	220V / 50-60Hz
Counting Accuracy	99.99% For 01005; 100% For 10201 And Above
Inspection Speed	200-300 Reels Per Hour
Reel Weight	≤10 Kg
Reel Size	7–17 In, Height 3–80 Mm
Detector Type	Amorphous Silicon Flat Panel
Detectable Parts	Smallest 01005, Covers All Current Standard Parts
Counting Speed	Fully Automatic, Approx. 12–15 Seconds Per Reel
Dimensions	L4500 * W1200 * H2118 Mm
Total Power	2400W

Applications:

The Wisdomshow DS3200 Smart X-ray reel counter is an advanced piece of equipment designed specifically for accurately counting SMD components on X-ray reels. This state-of-the-art X-ray reel counting equipment is ideal for use in electronics manufacturing facilities, quality control laboratories, and distribution centers where precise inventory management of electronic components is critical. With its fully automatic counting speed of approximately 12–15 seconds per reel, the DS3200 significantly improves operational efficiency and reduces manual counting errors.

This SMD X-ray component counting machine is widely applicable in various occasions and scenarios. In electronics production lines, it ensures the accurate tallying of components before assembly, helping manufacturers maintain optimal stock levels and avoid production delays. Quality control departments utilize the DS3200 to verify component quantities received from suppliers or sent to clients, ensuring compliance with order specifications. Furthermore, this machine is essential in electronic component warehouses and logistics centers where fast and reliable counting of reels is necessary for inventory audits and shipment preparation.

The DS3200 is particularly suited for environments requiring high precision and certification compliance, as it holds CE, FDA, and ISO certifications, guaranteeing safety and quality standards. Its ability to handle reel sizes ranging from 7 to 17 inches in diameter and heights between 3 to 80 mm, with a maximum reel weight of up to 10 kg, makes it versatile for various reel types commonly used in the electronics industry. Powered by a 220V / 50-60Hz supply, the machine integrates seamlessly into existing production infrastructures.

In addition to manufacturing plants and warehouses, the Wisdomshow Smart X-ray reel counter is invaluable in research and development facilities where prototype assemblies demand meticulous component tracking. Its compact dimensions (L4500 * W1200 * H2118 mm) allow for installation in limited space environments. The minimum order quantity of just one unit and a delivery lead time of 45 days make the DS3200 accessible for businesses of all sizes aiming to enhance their component counting processes with reliable, certified technology.

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