



Wisdomshow DS-3000 Offline X-Ray Counter Machine with 1000 Pieces Per Minute Counting Speed for 01005-sized Components and Air-cooled Bare Pipe Cooling

Our Product Introduction

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Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: WisdomshowWi
- Model Number: DS3000
- Minimum Order Quantity: 1
- Price: US \$26880-29990



Product Specification

- Countingmethod: X-Ray Imaging Technology
- Thickness Of Tray: 80mm
- Bare Pipe Cooling: Air-cooling
- Detector Category: Amorphous Silicon
- Countingspeed: Up To 1000 Pieces Per Minute
- Barcode Scanning: Built-in Multi-camera System
- Tube Voltage: 50-80kv
- Component Size Support: 01005-sized Components
- Highlight: **1000 Pieces Per Minute X-Ray Counter Machine, 01005-sized Components X-Ray Component Counter**
Air-cooled Bare Pipe Cooling X-Ray SMT Reel Counter



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Product Description:

The Offline X-Ray Counter Machine is an advanced and highly efficient solution designed to meet the demanding needs of modern manufacturing and inventory management processes. Engineered to deliver exceptional accuracy and speed, this machine is ideal for counting a wide range of materials, including metal, plastic, and ceramic components. With its cutting-edge technology and user-friendly design, the Offline X-Ray Counter Machine ensures seamless operation and reliable performance in various industrial applications. One of the standout features of this product is its impressive counting speed of up to 1000 pieces per minute. This rapid throughput makes it an indispensable tool for factories and warehouses that require fast and precise inventory tracking without compromising on accuracy. The machine's ability to handle high-speed counting tasks significantly reduces manual labor and minimizes human error, thereby improving overall productivity.

At the heart of the Offline X-Ray Counter Machine lies an amorphous silicon detector, which plays a crucial role in its high-performance capabilities. The amorphous silicon detector is known for its excellent sensitivity and durability, enabling the machine to accurately detect and count various materials regardless of their shape or size. This detector technology ensures consistent results, making the machine suitable for counting components with complex geometries or varying densities.

The Offline X-Ray Counter Machine is designed to be compatible with a wide range of materials. Whether it's metal parts, plastic components, or ceramic elements, this machine can efficiently count and verify the quantity of each item with high precision. This versatility makes it an ideal choice for industries such as electronics, automotive, aerospace, and manufacturing, where multiple material types are often handled simultaneously.

Powering this sophisticated counting system is a reliable 220V 50-60Hz voltage supply, ensuring stable and continuous operation in various geographical locations. The machine's core components include a robust Programmable Logic Controller (PLC), which manages the counting process with high accuracy and flexibility. The PLC enables easy integration with existing production lines and allows for customizable settings to meet specific counting requirements.

This Offline X-Ray Counter Machine also incorporates state-of-the-art AI technology, making it an AI-powered X-ray reel counter that brings intelligence and automation to material counting. The AI algorithms enhance the machine's ability to differentiate between similar-looking components and detect anomalies, further improving counting accuracy and reducing the need for manual inspection. This intelligent counting system provides real-time data and analytics, helping businesses optimize inventory management and reduce operational costs.

Specifically designed as an X-ray SMT reel counter, this machine excels in counting small and delicate surface-mount technology (SMT) components stored on reels. The X-ray SMT reel counter capability ensures that electronic components are accurately counted without being damaged, preserving their quality for subsequent assembly processes. This feature is particularly beneficial for electronics manufacturers who require precise component tracking to maintain production efficiency and quality control.

As an X-ray material counting system, the Offline X-Ray Counter Machine offers a comprehensive solution for various industrial sectors. Its ability to count complex materials with high accuracy and speed makes it an indispensable tool for quality assurance, inventory control, and production monitoring. The system's user-friendly interface and robust construction guarantee ease of use and long-term reliability, ensuring that it remains a valuable asset for any business.

In summary, the Offline X-Ray Counter Machine combines high-speed performance, advanced amorphous silicon detector technology, material compatibility, and intelligent AI-powered counting capabilities to deliver a superior counting solution. Its integration of PLC core components and compatibility with standard voltage supplies make it adaptable to diverse industrial environments. Whether you are looking for an X-ray SMT reel counter or a comprehensive X-ray material counting system, this machine offers unparalleled accuracy, efficiency, and reliability to meet your operational needs.

Features:

- Product Name: Offline X-Ray Counter Machine
- Max Tray Size: 17 Inches
- Max Tray Thickness: 80mm
- Counting Method: X-Ray Imaging Technology
- Barcode Scanning: Built-in Multi-camera System
- Tube Voltage Range: 50-80kv
- Advanced X-ray component counter for precise component counting
- Efficient SMT X-ray inventory counter designed for surface-mount technology components
- High-speed X-ray fast reel counter to accelerate reel counting processes

Technical Parameters:

Barcode Scanning	Built-in Multi-camera System
Core Components	PLC
Tube Voltage	50-80kv
Size	308*1335*1968mm
Component Size Support	01005-sized Components
Max Tray Size	17 Inches
Max Tray Thickness	80mm
Cooling method of bare pipe	Air-cooled
Tray Diameter Range	7 To 15 Inches

Tube current	0.2-0.6mA
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Applications:

The WisdomshowWi DS3000, an advanced SMT X-ray inventory counter, is designed to provide precise and efficient counting of electronic components in various industrial settings. Originating from Shenzhen, China, this offline X-ray counter machine operates on a standard 220V 50-60Hz power supply, making it suitable for use in diverse geographical locations and manufacturing environments. With a maximum tray size of 17 inches and a tray thickness capacity of up to 80mm, the DS3000 accommodates a wide range of component sizes and quantities, ensuring flexibility and convenience for inventory management.

This SMT X-ray counting machine excels in handling components made of metal, plastic, and ceramic materials, which are commonly used in surface-mount technology (SMT) manufacturing. Its ability to support 01005-sized components—the smallest standard SMT parts—highlights its precision and suitability for modern, high-density circuit board assembly lines. The X-ray component inventory system integrated within the DS3000 enables accurate, non-destructive counting by penetrating component packaging and trays, thereby eliminating the need for manual counting and reducing the risk of human error.

Ideal application occasions for the WisdomshowWi DS3000 include SMT production lines, electronic components warehouses, and quality control departments where accurate inventory tracking is critical. It is particularly valuable during production planning and procurement processes, allowing manufacturers to monitor component usage in real time and avoid shortages or overstock situations. Additionally, the DS3000 is well-suited for post-production inspection scenarios where verifying component counts ensures consistency and compliance with client specifications.

In high-volume manufacturing facilities, the SMT X-ray inventory counter facilitates streamlined workflow by quickly and reliably counting large batches of components, thus increasing operational efficiency. Its offline capability means it can be deployed flexibly at various points within the factory or warehouse without requiring constant network connectivity. This flexibility makes the WisdomshowWi DS3000 an indispensable tool for electronics manufacturers seeking to optimize inventory management, reduce downtime, and enhance overall productivity through accurate SMT component counting.

Customization:

The WisdomshowWi DS3000 is an advanced Offline X-Ray Counter Machine designed to meet diverse product customization needs. Originating from Shenzhen, China, this high-speed X-ray reel counter features a robust air-cooled bare pipe cooling system, ensuring efficient performance and longevity. Operating at a voltage of 220V 50-60Hz, the DS3000 is optimized for precision and reliability in counting X-ray components.

With dimensions of 308*1335*1968mm and a maximum tray size of 17 inches, this X-ray SMD component counter is tailored for versatility and ease of integration into various production environments. The air-cooling method of the bare pipe enhances stability during prolonged operations, making the WisdomshowWi DS3000 an ideal choice for high-accuracy component counting tasks.

Choose the WisdomshowWi DS3000 Offline X-Ray Counter Machine for customizable solutions that combine cutting-edge technology with practical design, ensuring efficient and accurate X-ray component counting for your manufacturing needs.

Support and Services:

Our Offline X-Ray Counter Machine comes with comprehensive technical support and services to ensure optimal performance and user satisfaction. We provide detailed product documentation, including user manuals and installation guides, to assist with setup and operation.

Technical support is available to help troubleshoot any issues that may arise during the use of the machine. Our team of experts is trained to provide timely and effective solutions, ensuring minimal downtime.

We offer regular software updates and maintenance services to keep the machine running efficiently and to incorporate the latest advancements in X-ray counting technology.

For calibration and repair services, our qualified technicians are equipped to perform on-site or off-site servicing, maintaining the accuracy and reliability of your Offline X-Ray Counter Machine.

Additionally, we provide training sessions for operators to ensure proper handling and to maximize the capabilities of the machine.

Our commitment is to deliver exceptional support and services that enhance the user experience and extend the lifespan of your Offline X-Ray Counter Machine.

Packing and Shipping:

Product Packaging:

The Offline X-Ray Counter Machine is carefully packaged to ensure safe delivery and protection during transit. Each unit is placed in a custom-fitted foam insert within a sturdy corrugated cardboard box. All accessories, including power cables, user manuals, and software CDs, are securely packed alongside the main device. The packaging is labeled with handling instructions and product information to facilitate smooth logistics.

Shipping:

The Offline X-Ray Counter Machine is shipped via reliable courier services with tracking options available. Depending on the destination and customer preference, shipping methods include standard ground, expedited, or air freight. Each shipment is insured to cover any potential damage or loss. Delivery times vary based on location but are typically between 5-10 business days for domestic orders and 10-20 business days for international shipments.

FAQ:

Q1: What is the brand and model number of the Offline X-Ray Counter Machine?

A1: The Offline X-Ray Counter Machine is branded WisdomshowWi, and the model number is DS3000.

Q2: Where is the Offline X-Ray Counter Machine manufactured?

A2: This machine is made in Shenzhen, China.

Q3: Can the Offline X-Ray Counter Machine operate without an internet connection?

A3: Yes, the DS3000 model is designed to work offline, making it ideal for environments where internet access is limited or unavailable.

Q4: What types of items can the WisdomshowWi DS3000 X-Ray Counter Machine scan?

A4: The DS3000 is capable of scanning a variety of objects for security or inspection purposes, including small parcels, luggage, and personal belongings.

Q5: Is the Offline X-Ray Counter Machine portable?

A5: The DS3000 is compact and designed for easy installation and movement, suitable for use in different locations as needed.



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