



Wisdomshow DS-3000 220V 50-60Hz Offline X-Ray Counter Machine with 80mm Tray Thickness and Air-Cooled Bare Pipe for Efficient Component Counting

Our Product Introduction

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Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: WisdomshowWi
- Model Number: DS3000

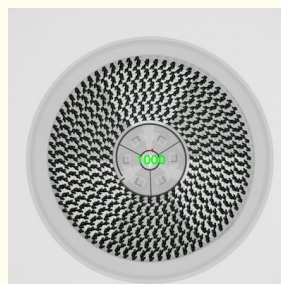


Product Specification

- Barcode Scanning: Built-in Multi-camera System
- Voltage: 220V 50-60Hz
- Tube Current: 0.2-0.6mA
- Materialcompatibility: Metal, Plastic, Ceramic Components
- Bare Pipe Cooling: Air-cooling
- Tube Voltage: 50-80kv
- Core Components: PLC
- Thickness Of Tray: 80mm
- Highlight: **220V 50-60Hz Offline X-Ray Counter Machine , 80mm Tray Thickness X-Ray Component Counter**
Air-Cooled Bare Pipe X-Ray Reel Counting Equipment



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Product Description:

The Offline X-Ray Counter Machine is an advanced and highly efficient X-ray reel counting equipment designed specifically to streamline and enhance the inventory management processes in SMT production environments. This state-of-the-art X-ray material counting system offers unparalleled accuracy and reliability when it comes to counting and verifying components on reels, ensuring that manufacturers can maintain precise control over their stock levels and reduce costly downtime caused by component shortages or miscounts.

One of the standout features of this SMT X-ray inventory counter is its robust cooling method. The machine utilizes an air-cooled bare pipe system, which ensures optimal thermal management during operation. This cooling method not only enhances the longevity of the device by preventing overheating but also contributes to its stable and consistent performance, even during extended periods of intensive use. The air-cooled design is also environmentally friendly and reduces the need for complex maintenance procedures, making the Offline X-Ray Counter Machine a reliable partner in any production line.

The Offline X-Ray Counter Machine is engineered with a tray thickness of 80mm, providing a sturdy and durable platform for handling reels of various sizes. This substantial tray thickness ensures that the machine can securely accommodate reels without risk of damage, enabling smooth and uninterrupted counting processes. The design consideration of an 80mm thick tray highlights the machine's capability to handle demanding industrial environments where robustness and resilience are crucial.

In terms of component size support, this X-ray reel counting equipment is capable of accurately counting 01005-sized components, which are among the smallest and most challenging to handle in the electronics manufacturing sector. This capability underscores the precision and advanced technology integrated into the SMT X-ray inventory counter, making it suitable for cutting-edge electronics manufacturing where miniaturization is the norm. The ability to support such minute components ensures that the Offline X-Ray Counter Machine can serve a wide range of applications, from consumer electronics to highly specialized industrial devices.

At the heart of the Offline X-Ray Counter Machine lies a sophisticated Programmable Logic Controller (PLC), which forms the core component of the system's control architecture. The PLC enables seamless automation, precise control, and adaptability to various operational requirements. This results in a user-friendly interface, flexible operation modes, and enhanced integration capabilities with other production line equipment. The use of a PLC ensures that the machine can be easily programmed and customized to meet specific counting tasks, making it an indispensable tool for modern SMT manufacturing facilities.

Operating at a voltage of 220V with a frequency range of 50-60Hz, the Offline X-Ray Counter Machine is compatible with standard electrical systems found in many industrial settings worldwide. This compatibility simplifies installation and reduces the need for additional power conversion equipment, allowing for quick deployment and integration into existing workflows. The stable power supply also guarantees consistent machine performance, minimizing disruptions and maximizing productivity.

Overall, the Offline X-Ray Counter Machine represents a significant advancement in X-ray reel counting equipment, offering a comprehensive solution for accurate, efficient, and reliable component counting. Its air-cooled bare pipe design, substantial 80mm tray thickness, support for ultra-small 01005-sized components, PLC core components, and standard 220V 50-60Hz voltage make it a versatile and indispensable asset for any SMT production line. By incorporating this X-ray material counting system into their operations, manufacturers can achieve greater inventory accuracy, reduce waste, and optimize production efficiency, firmly positioning themselves at the forefront of electronic manufacturing innovation.

Features:

- Product Name: Offline X-Ray Counter Machine
- Tube Voltage: 50-80kv for precise imaging
- Maximum Tray Size: 17 Inches to accommodate various part sizes
- Cooling Method: Air-cooled bare pipe for efficient heat dissipation
- Tube Current: 0.2-0.6mA ensuring optimal X-ray intensity
- Barcode Scanning: Built-in Multi-camera System for accurate identification
- Specialized SMT X-ray inventory counter for streamlined component management
- Advanced X-ray part counting machine designed for high accuracy
- Effective X-ray tape and reel counter suitable for various manufacturing needs

Technical Parameters:

Tray Diameter Range	7 To 15 Inches
Detector Category	Amorphous Silicon
Counting Speed	Up To 1000 Pieces Per Minute
Cooling Method of Bare Pipe	Air-cooled
Size	308*1335*1968mm
Core Components	PLC
Barcode Scanning	Built-in Multi-camera System
Max Tray Thickness	80mm
Counting Method	X-Ray Imaging Technology
Thickness Of Tray	80mm

Applications:

The WisdomshowWi DS3000, an advanced Offline X-Ray Counter Machine originating from Shenzhen, China, is designed to revolutionize the counting process of electronic components with its cutting-edge X-Ray Imaging Technology. This innovative device is ideal for various product application occasions and scenarios where precision and efficiency are paramount.

One of the primary application occasions for the WisdomshowWi DS3000 is in electronics manufacturing plants and assembly lines, where accurate counting of Surface Mount Device (SMD) parts is critical. The X-ray SMD parts counter capability ensures that even the smallest components, often packed in reels or trays, are counted with high accuracy without manual intervention. This reduces human error and significantly speeds up the inventory and production processes.

In quality control and inspection departments, the Automatic X-ray component counter function of the DS3000 proves invaluable. It allows manufacturers to verify the quantity of components before and after production runs, ensuring compliance with production standards. The air-cooled bare pipe cooling method maintains optimal operating temperatures, even during prolonged use, which enhances the reliability and longevity of the machine.

Additionally, the WisdomshowWi DS3000 is perfectly suited for electronics distributors and component warehouses. The X-ray SMT reel counter feature facilitates rapid and accurate counting of SMT reels, which is crucial for inventory management and order fulfillment. The device's 80mm thick tray and amorphous silicon detector category contribute to stable and precise imaging, enabling operators to handle a wide range of component sizes and packaging types.

Furthermore, research and development centers benefit from the DS3000's capability to analyze and count components quickly, aiding in prototype development and testing phases. The combination of air-cooling for the bare pipe and the robust detector system ensures consistent performance under varying environmental conditions.

In summary, the WisdomshowWi DS3000 Offline X-Ray Counter Machine is an essential tool across multiple scenarios including manufacturing lines, quality assurance, distribution centers, and R&D labs. Its sophisticated X-ray SMT reel counter and automatic counting functions, combined with reliable air-cooled technology and durable construction, make it a versatile and indispensable asset in the electronics industry.

Customization:

WisdomshowWi offers customized Product Customization Services for the Offline X-Ray Counter Machine, model DS3000, designed and manufactured in Shenzhen, China. This advanced SMD X-ray component counting machine supports 01005-sized components, providing precise and efficient counting capabilities. With a counting speed of up to 1000 pieces per minute, the DS3000 ensures rapid processing for high-volume operations.

The X-ray part counting machine utilizes cutting-edge X-Ray Imaging Technology combined with an amorphous silicon detector, delivering highly accurate results. The machine features a tray thickness of 80mm, accommodating various component sizes and enhancing versatility. As a reliable X-ray SMD parts counter, the DS3000 is ideal for quality control and inventory management in electronics manufacturing.

Our customization services allow clients to tailor the Offline X-Ray Counter Machine to meet specific requirements, ensuring optimal performance and integration within existing workflows. WisdomshowWi is committed to providing innovative solutions with superior technology and exceptional support.

Support and Services:

Product Technical Support and Services for the Offline X-Ray Counter Machine are designed to ensure optimal performance and customer satisfaction. Our dedicated support team provides comprehensive assistance including installation guidance, operational training, and troubleshooting services. We offer regular software updates to enhance functionality and security. In addition, maintenance services are available to keep the machine running efficiently, including calibration and hardware inspections. For any technical issues, our experts are ready to diagnose and resolve problems promptly to minimize downtime. We also provide detailed user manuals and online resources to help users maximize the benefits of the Offline X-Ray Counter Machine.

Packing and Shipping:

Product Packaging and Shipping for Offline X-Ray Counter Machine

The Offline X-Ray Counter Machine is carefully packaged to ensure safe delivery and optimal protection during transit. Each unit is securely placed in a custom-fitted foam insert within a sturdy cardboard box to prevent any movement or damage.

The packaging includes all necessary accessories, user manuals, and warranty information, neatly organized and securely enclosed.

For shipping, the product is double-boxed when necessary and clearly labeled with handling instructions such as "Fragile" and "This Side Up" to ensure careful handling.

We offer various shipping options including standard, expedited, and freight services to accommodate different delivery requirements.

Tracking information is provided once the product is dispatched for customer convenience.

Our packaging and shipping processes comply with all relevant safety and transportation regulations to guarantee that the Offline X-Ray Counter Machine arrives in perfect working condition.

FAQ:

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

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

Q2: Where is the WisdomshowWi DS3000 Offline X-Ray Counter Machine made?

A2: This product is made in Shenzhen, China.

Q3: Can the DS3000 Offline X-Ray Counter Machine operate without an internet connection?

A3: Yes, the DS3000 is designed to work offline, making it ideal for secure and independent operation without the need for internet connectivity.

Q4: What are the primary applications of the WisdomshowWi DS3000?

A4: The DS3000 is typically used for counting and analyzing X-ray images in medical, security, and industrial settings where precise offline counting is required.

Q5: Is the DS3000 user-friendly for operators without technical expertise?

A5: Yes, the WisdomshowWi DS3000 features an intuitive interface designed for ease of use, allowing operators to efficiently manage counting tasks with minimal training.



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