



Wisdomshow DS-3000 Offline X-Ray Counter Machine with Air-cooling and Built-in Multi-camera System for Up To 1000 Pieces Per Minute Counting

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
- Packaging Details: Wooden Box

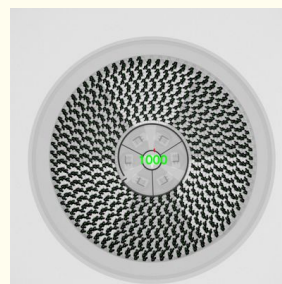


Product Specification

- Core Components: PLC
- Materialcompatibility: Metal, Plastic, Ceramic Components
- Countingspeed: Up To 1000 Pieces Per Minute
- Max Tray Thickness: 80mm
- Barcode Scanning: Built-in Multi-camera System
- Thickness Of Tray: 80mm
- Tube Voltage: 50-80kv
- Tube Current: 0.2-0.6mA
- Counting Method: X-Ray
- Speed: 4-8s
- Reel Size Support: 7
- Reel Sizes: 7
- Maximum Trav Size: 17 Inches



More Images



Product Description:

The Offline X-Ray Counter Machine is an advanced and highly efficient solution designed specifically for the precise counting of Surface Mount Device (SMD) components. Utilizing cutting-edge X-Ray imaging technology, this intelligent X-ray counting system offers unparalleled accuracy and speed, making it an indispensable tool for electronics manufacturers, inventory managers, and quality control professionals who demand reliability and efficiency in their component counting processes.

One of the standout features of this X-ray SMD component counter is its impressive counting speed, capable of processing up to 1000 pieces per minute. This rapid counting capability significantly enhances productivity, enabling users to manage large volumes of components swiftly and without sacrificing accuracy. Whether you operate a small workshop or a large-scale manufacturing facility, this machine is engineered to meet the high demands of modern electronics assembly lines.

The Offline X-Ray Counter Machine accommodates trays with a maximum size of 17 inches, providing ample space for various component sizes and quantities. This versatility ensures that a wide range of SMD components can be counted without the need for multiple devices or frequent adjustments. Additionally, the machine supports trays with a maximum thickness of 80mm, and the thickness of the tray itself is also 80mm, allowing it to handle substantial component loads while maintaining precise counting accuracy.

At the core of this device's functionality is its sophisticated X-Ray imaging technology. Unlike traditional counting methods that rely on optical sensors or manual input, this X-ray SMD inventory checker uses X-Ray imaging to penetrate the tray and components, delivering detailed and accurate counts even when components are stacked or obscured. This technology eliminates common counting errors caused by overlapping parts or transparent packaging, ensuring that inventory records are always correct.

Moreover, the intelligent X-ray counting system integrates advanced algorithms that analyze the X-Ray images in real-time, identifying and counting each individual component with remarkable precision. This intelligent processing capability reduces the need for manual verification, decreases human error, and streamlines the inventory management workflow. Users benefit from automated data logging, easy integration with inventory software, and the flexibility to handle diverse component types and packaging formats.

Designed with user convenience in mind, the Offline X-Ray Counter Machine features a user-friendly interface and intuitive controls, making it accessible to operators with varying levels of technical expertise. The machine's offline operation capability means it does not require a constant internet connection, ensuring reliable performance in any environment. This independence enhances security and data privacy, which are critical considerations in many manufacturing and inventory settings.

In addition to its technical capabilities, the machine is built with durability and robust construction to withstand the rigors of daily industrial use. Its compact design saves valuable workspace, while the low maintenance requirements reduce downtime and operational costs. By investing in this X-ray SMD component counter, organizations can achieve a higher level of inventory accuracy, reduce material waste, and optimize their production planning processes.

In summary, the Offline X-Ray Counter Machine represents a significant advancement in component counting technology. Combining high-speed performance of up to 1000 pieces per minute, compatibility with trays up to 17 inches and 80mm thick, and state-of-the-art X-Ray imaging technology, this intelligent X-ray counting system is a reliable and efficient solution for modern electronics manufacturing and inventory management. Whether you need an X-ray SMD inventory checker for quality assurance or an X-ray SMD component counter to enhance production efficiency, this machine delivers exceptional results with precision and ease.

Features:

- Product Name: Offline X-Ray Counter Machine
- Compact Size: 308*1335*1968mm suitable for various workspace environments
- Material Compatibility: Capable of counting Metal, Plastic, and Ceramic Components
- Voltage Requirement: Operates on 220V 50-60Hz power supply
- Tube Voltage Range: Adjustable from 50 to 80kv for precise X-ray imaging
- Detector Category: Equipped with Amorphous Silicon detector for high-quality detection
- Specialized for X-ray electronic parts counter applications
- Efficient X-ray SMT reel counter designed for surface-mount technology reels
- Reliable SMT X-ray inventory counter to streamline component stock management

Technical Parameters:

Size	308*1335*1968mm
Counting Method	X-Ray Imaging Technology
Voltage	220V 50-60Hz
Tray Diameter Range	7 To 15 Inches
Core Components	PLC
Cooling Method of Bare Pipe	Air-cooled
Tube Voltage	50-80kv
Material Compatibility	Metal, Plastic, Ceramic Components
Bare Pipe Cooling	Air-cooling
Thickness Of Tray	80mm

Applications:

The WisdomshowWi DS3000, originating from Shenzhen, China, is a high-performance offline X-Ray Counter Machine designed to meet diverse industrial needs. With its compact size of 308*1335*1968mm, this advanced device is ideal for environments where space efficiency and precision counting are critical. The DS3000 features a high-speed X-ray reel counter capability, making it perfect for applications that require rapid and accurate counting of electronic components on reels.

This X-ray electronic parts counter utilizes cutting-edge X-Ray Imaging Technology to ensure precise and non-destructive counting of various materials. It supports tray diameters ranging from 7 to 15 inches and accommodates a maximum tray size of up to 17 inches, providing versatility for different component packaging formats. The built-in multi-camera system enables efficient barcode scanning, streamlining inventory management and enhancing traceability in production lines.

In manufacturing plants, the WisdomshowWi DS3000 is widely used as an X-ray material counting system to improve workflow efficiency by automating the counting process of small electronic parts such as resistors, capacitors, and semiconductors. Its accuracy reduces human error and speeds up quality control procedures. Additionally, it is highly suitable for electronics assembly lines, component distributors, and quality inspection departments where reliable and fast counting solutions are essential.

Beyond electronics manufacturing, this X-ray reel counter finds applications in research laboratories and educational institutions where precise component quantification is necessary for experimental setups and training purposes. Its user-friendly interface and robust design ensure consistent performance in various operational scenarios.

Overall, the WisdomshowWi DS3000 offline X-Ray Counter Machine offers a comprehensive solution for industries requiring dependable, high-speed counting of electronic parts and materials. Its integration of advanced X-Ray Imaging Technology, multi-camera barcode scanning, and adaptable tray size capabilities make it a valuable asset for optimizing inventory control and production accuracy across multiple sectors.

Customization:

WisdomshowWi offers comprehensive product customization services for the Offline X-Ray Counter Machine, model DS3000, designed and manufactured in Shenzhen, China. This smart X-ray reel counter features advanced air-cooling technology for bare pipe cooling and operates efficiently at a voltage of 220V 50-60Hz. With a compact size of 308*1335*1968mm and equipped with a reliable PLC as its core component, this X-ray reel counting equipment ensures precise and consistent performance.

Our X-ray fast reel counter is capable of counting up to 1000 pieces per minute, making it ideal for high-speed industrial applications. We provide tailored solutions to meet your specific requirements, including adjustments in counting speed, size configurations, and integration with existing systems. Trust WisdomshowWi to deliver a customized offline X-ray counter machine that enhances your productivity and accuracy in reel counting operations.

Support and Services:

Our Offline X-Ray Counter Machine is designed to provide accurate and efficient counting of X-ray images with minimal manual intervention. For product technical support and services, we offer comprehensive assistance to ensure optimal performance and longevity of your machine.

Technical support includes installation guidance, calibration assistance, troubleshooting, and software updates. Our team of experts is available to help diagnose and resolve any operational issues you may encounter, ensuring minimal downtime and maintaining high accuracy in your counting processes.

We also provide training sessions for your staff to ensure they are fully equipped to operate and maintain the Offline X-Ray Counter Machine effectively. Preventative maintenance services are available to help extend the lifespan of your equipment and prevent unexpected failures.

Replacement parts and accessories can be supplied as needed to keep your machine running smoothly. Additionally, we offer extended warranty programs and service contracts tailored to your specific requirements, providing peace of mind and continued support.

For detailed user manuals, FAQs, and video tutorials, please refer to the product documentation provided with your machine or visit our online support portal.

Packing and Shipping:

Product Packaging: The Offline X-Ray Counter Machine is securely packed in a sturdy, shock-resistant carton box to ensure safe transportation. Inside the box, the machine is cushioned with foam inserts to prevent any damage during handling. All accessories, including power cables, user manuals, and installation tools, are neatly organized and packed within the same carton. The packaging is clearly labeled with product information, handling instructions, and safety warnings to facilitate smooth logistics and careful handling.

Shipping: The Offline X-Ray Counter Machine is shipped via reliable courier services with tracking options available to ensure timely delivery. The product is insured against damage or loss during transit. Depending on the destination, shipping can be arranged via air freight or ground transportation to meet customer requirements. Prior to dispatch, each unit undergoes a thorough quality check and is securely sealed to maintain integrity. Customers receive a confirmation email with shipment details and estimated delivery times once the product is dispatched.

FAQ:

Q1: What is the brand and model number of this 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 WisdomshowWi DS3000 Offline X-Ray Counter Machine manufactured?

A2: This machine is manufactured in Shenzhen, China.

Q3: What are the primary applications of the DS3000 Offline X-Ray Counter Machine?

A3: The DS3000 is primarily used for counting small parts and components accurately using X-ray technology, ideal for industries like electronics, pharmaceuticals, and manufacturing.

Q4: Does the DS3000 Offline X-Ray Counter Machine require an internet connection to operate?

A4: No, the DS3000 is designed to operate offline, allowing for reliable performance without needing an internet connection.

Q5: What are the power requirements for the WisdomshowWi DS3000?

A5: The DS3000 typically operates on standard AC power; specific voltage and frequency details can be found in the product manual or specifications sheet.



Shenzhen Wisdomshow Technology Co.,Ltd



+86 18926538696



elysia.li@wdsbga.cn



bgaxraymachine.com

No.6,Haosi Western Industry,Shangjing Town,Bao'an District,Shenzhen,China