



## Offline X-Ray Counter Machine with 17 Inches Max Tray Size, 1000 Pieces/Min Counting Speed, and 01005-sized Components Support

Our Product Introduction

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### Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: WisdomshowWi
- Certification: CE FDA ISO
- Model Number: DS3000
- Minimum Order Quantity: 1
- Packaging Details: Wooden case
- Delivery Time: 45 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union



### Product Specification

- Countingspeed: Up To 1000 Pieces Per Minute
- Detector Category: Amorphous Silicon
- Max Tray Thickness: 80mm
- Countingmethod: X-Ray Imaging Technology
- Tube Current: 0.2-0.6mA
- Barcode Scanning: Built-in Multi-camera System
- Tube Voltage: 50-80kv
- Component Size Support: 01005-sized Components
- Highlight: **17 Inches Max Tray Size Offline X-Ray Counter Machine**  
**1000 Pieces Per Minute X-Ray SMT Reel Counter**



### More Images



### Product Description:



The Offline X-Ray Counter Machine is a cutting-edge solution designed to revolutionize the counting process for surface mount technology (SMT) reels. Engineered with precision and advanced technology, this machine is ideal for manufacturers and electronic assembly lines that demand accuracy, efficiency, and speed. As an X-ray SMT reel counter, it utilizes sophisticated X-ray imaging technology to provide reliable and non-destructive counting of components directly from reels, ensuring minimal downtime and maximum productivity.

One of the standout features of this Offline X-Ray Counter Machine is its impressive counting speed, capable of processing up to 1000 pieces per minute. This fast counting capability makes it an essential tool for high-volume production environments where time is critical and efficiency must be optimized. The machine's ability to quickly and accurately count components reduces manual labor and eliminates human error, significantly improving overall operational workflow.

With a compact yet robust design, the machine measures 308\*1335\*1968mm, making it suitable for integration into various production settings without requiring excessive space. Despite its relatively moderate footprint, the Offline X-Ray Counter Machine offers a high level of functionality and adaptability. Its air-cooled bare pipe cooling method ensures the system maintains optimal operating temperatures during extended periods of use, enhancing durability and reliability without the need for complex cooling infrastructure.

This X-ray fast reel counter supports a wide range of component sizes, including the extremely small 01005-sized components, which are some of the tiniest in the electronics industry. This capability highlights the machine's precision and advanced imaging technology, ensuring even the smallest components can be counted accurately and efficiently. This flexibility makes it an invaluable tool for diverse applications, from simple resistor reels to highly intricate and miniaturized components used in modern electronics.

The machine also accommodates trays with a maximum thickness of up to 80mm, providing versatility in handling different packaging formats. This feature allows users to count components not only in reels but also in trays, expanding its utility across different inventory and production management scenarios. Whether dealing with reels or trays, the Offline X-Ray Counter Machine offers seamless operation and consistent accuracy.

What truly sets this product apart is its AI-powered X-ray reel counter capabilities. Incorporating artificial intelligence algorithms, the machine can intelligently analyze X-ray images to differentiate between components, detect anomalies, and ensure accurate counts even in challenging conditions. This AI integration enhances the machine's performance by minimizing false counts and adapting to various reel types and component configurations, making it a smart and reliable partner in quality control and inventory management.

In summary, the Offline X-Ray Counter Machine combines rapid counting speed, advanced X-ray imaging, AI-powered intelligence, and flexible handling of component sizes and tray thicknesses to deliver a superior counting solution. It is an indispensable tool for electronics manufacturers seeking to streamline their production lines, reduce errors, and increase throughput. With its compact size, air-cooled system, and support for 01005-sized components, this X-ray SMT reel counter offers unmatched precision and efficiency, setting a new standard in reel counting technology.

### Features:

Product Name: Offline X-Ray Counter Machine

Tube Current: 0.2-0.6mA for precise X-ray emission control

Dimensions: 308\*1335\*1968mm, compact and space-saving design

Supports Component Sizes: Capable of counting 01005-sized components accurately

Bare Pipe Cooling: Equipped with efficient air-cooling system

Tray Diameter Range: Compatible with trays from 7 to 15 inches

Advanced SMT component X-ray counter technology for reliable counting

High-performance SMD X-ray component counting machine ensuring accuracy and speed  
Features an Intelligent X-ray counting system for automated and precise component analysis

## Technical Parameters:

Component Size Support	01005-sized Components
Barcode Scanning	Built-in Multi-camera System
Counting Method	X-Ray Imaging Technology
Core Components	PLC
Max Tray Size	17 Inches
Material Compatibility	Metal, Plastic, Ceramic Components
Tube Voltage	50-80kv
Tube Current	0.2-0.6mA
Counting Speed	Up To 1000 Pieces Per Minute
Size	308*1335*1968mm

## Applications:

The WisdomshowWi DS3000 is an advanced offline X-ray counter machine designed to provide precise counting solutions across various industrial applications. Originating from Shenzhen, China, this innovative product utilizes cutting-edge X-Ray Imaging Technology to deliver unparalleled accuracy in counting components. Its AI-powered X-ray reel counter capabilities make it an indispensable tool for manufacturers and quality control professionals who require reliable and efficient component counting.

One of the primary application occasions for the WisdomshowWi DS3000 is in electronics manufacturing, especially within Surface Mount Technology (SMT) production lines. The X-ray SMT reel counter is specifically tailored to handle SMT components, offering precise counts for reels with tray diameters ranging from 7 to 15 inches. Its compatibility with a wide range of materials, including metal, plastic, and ceramic components, ensures versatility in counting various types of reels and parts. This makes it ideal for counting resistors, capacitors, inductors, and other small electronic components that are critical in the assembly process.

The DS3000's high counting speed of up to 1000 pieces per minute significantly enhances productivity in busy manufacturing environments. It is especially useful during inventory management, incoming inspection, and outgoing shipments where accurate component counts are crucial to avoid production delays and ensure quality standards. Additionally, the tube current range of 0.2-0.6mA allows for precise imaging while maintaining safety and efficiency during operation.

Beyond electronics manufacturing, the AI-powered X-ray reel counter can be effectively utilized in other industries such as automotive, aerospace, and medical device manufacturing, where precise component counting of metal, plastic, and ceramic parts is essential. Its offline design allows flexible use in various settings without disrupting existing workflows. Furthermore, the WisdomshowWi DS3000 supports quality assurance teams in detecting inconsistencies or shortages in component reels, thereby reducing waste and improving overall production efficiency.

In summary, the WisdomshowWi DS3000 offline X-ray counter machine stands out as a reliable and versatile counting solution suitable for multiple application occasions and scenarios. Its integration of X-Ray Imaging Technology and AI-powered counting algorithms ensures accuracy, speed, and adaptability, making it a valuable asset for industries requiring meticulous and efficient component counting.

## Customization:

The WisdomshowWi DS3000 Offline X-Ray Counter Machine is a premium product originating from Shenzhen, China. Designed with an 80mm thick tray and dimensions of 308\*1335\*1968mm, this X-ray electronic parts counter ensures precise and efficient counting of small components.

Equipped with a tube current range of 0.2-0.6mA and an air-cooled bare pipe cooling method, the DS3000 guarantees reliable and consistent performance. It supports a maximum tray size of 17 inches, making it versatile for various applications.

As a smart X-ray reel counter, this X-ray part counting machine offers advanced technology for accurate and automated counting in manufacturing and quality control processes. The WisdomshowWi DS3000 is ideal for industries requiring high precision and efficiency in part counting.

## Support and Services:

Our Offline X-Ray Counter Machine is designed to provide accurate and efficient counting of X-ray films with ease of use and reliability. For technical support, we offer comprehensive services including installation guidance, user training, and troubleshooting assistance to ensure optimal performance of your machine.

In case of any operational issues, our support team is equipped to help diagnose and resolve problems remotely or through on-site visits. We also provide regular software updates and maintenance services to keep your Offline X-Ray Counter Machine functioning at its best. Our service package includes calibration and validation services to maintain the precision and accuracy of the counting process. Additionally, spare parts and replacement components are available to minimize downtime and extend the lifespan of your equipment. For optimal use, we recommend following the user manual and adhering to routine maintenance schedules. Our technical support team is committed to ensuring your satisfaction and the continuous, reliable operation of your 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, double-walled cardboard box to prevent any movement or damage.

Additional internal packaging materials, such as anti-static bags and bubble wrap, are used to protect sensitive electronic components from static electricity and impact. The exterior of the package is clearly labeled with handling instructions, including "Fragile" and "This Side Up" to guide shipping personnel.

For shipping, we offer multiple options including standard ground, express air freight, and international shipping services. All shipments are tracked and insured to provide peace of mind and ensure timely delivery. Upon receipt, customers are advised to inspect the package for any visible damage and report discrepancies immediately.

We recommend storing the Offline X-Ray Counter Machine in a dry, temperature-controlled environment until installation to maintain product integrity and performance.



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