



## Counting accuracy plus minus 0.1 percent Online X-Ray Counter Machine Radiation safety under 1 micro SVH Detection capability detects Overlapping and Hidden Parts

Our Product Introduction

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### Basic Information

- Place of Origin: China, Shenzhen
- Brand Name: Wisdomshow
- Certification: CE FDA ISO
- Model Number: DS3200
- Minimum Order Quantity: 1
- Packaging Details: Wooden case
- Delivery Time: 45 days



### Product Specification

- X-ray Tube Voltage: 50-80KV
- Radiation Safety:  $<1 \mu$  SV/H
- Safety Features: Radiation Shielding And Emergency Stop Button
- Software Features: Real-time Monitoring, Data Logging, And Report Generation
- Operating Temperature: 0°C To 40°C
- Detection Thickness Of Tray: 80mm
- Counting Speed: Up To 200 Pieces Per Minute
- Machine Dimensions: 450\*120\*211CM



### More Images



### Product Description:



The Online X-Ray Counter Machine is a state-of-the-art solution designed to meet the precise needs of modern electronics manufacturing. Specifically engineered as an SMD X-ray component counting machine, it offers unparalleled accuracy and efficiency in counting surface-mount device components directly from reels. This advanced technology is ideal for factories and production lines that require quick, reliable, and non-destructive component counting to streamline inventory management and quality control processes. One of the standout features of the Online X-Ray Counter Machine is its impressive detection thickness capacity of up to 80mm. This makes it highly versatile, capable of accurately counting components housed in trays or reels with considerable thickness. The machine's detection size maxes out at 17 inches, which allows it to accommodate a wide variety of PCB reels and component packages, making it an ideal choice for diverse manufacturing environments with varying component sizes.

Safety is a paramount consideration in the design of the Online X-Ray Counter Machine. It is equipped with advanced radiation shielding to protect operators and nearby personnel from any potential exposure to X-ray radiation during operation. Furthermore, the machine includes an emergency stop button, ensuring that the device can be immediately powered down if any unsafe conditions arise. These safety features not only comply with stringent international safety standards but also provide peace of mind for users, allowing uninterrupted and worry-free operation.

The heart of the Online X-Ray Counter Machine lies in its high-performance X-ray tube, which operates at a voltage range of 50-80KV. This adjustable voltage range enables optimal penetration for different types of components and packaging materials, ensuring accurate counting without damaging sensitive parts. The precision of the X-ray imaging technology embedded in the machine makes it a reliable choice for counting even the smallest and most densely packed components on PCB reels.

This machine is not just an ordinary counter but a highly specialized PCB reel X-ray automatic counter, designed to integrate seamlessly into production lines. Its automated counting capability significantly reduces manual labor and human error, enhancing overall productivity and accuracy. Manufacturers can rely on the Online X-Ray Counter Machine to provide real-time data on component quantities, facilitating better inventory control, reducing material waste, and improving operational efficiency.

Moreover, the Online X-Ray Counter Machine excels as an X-ray automatic parts counter for reels. Its sophisticated software algorithms analyze X-ray images to distinguish between different components and count them precisely, even when they are tightly packed or overlapped. This advanced counting technology is essential for high-volume production environments where speed and accuracy are critical to maintaining production schedules and meeting delivery deadlines.

In summary, the Online X-Ray Counter Machine is an indispensable tool for any electronics manufacturing facility looking to enhance their component counting processes. With its robust detection capabilities, comprehensive safety features including radiation shielding and an emergency stop button, and a powerful X-ray tube voltage range of 50-80KV, it stands out as a reliable and efficient solution. Whether you need an SMD X-ray component counting machine, a PCB reel X-ray automatic counter, or an X-ray automatic parts counter for reels, this product delivers exceptional performance and accuracy, helping you achieve higher productivity and quality assurance in your manufacturing operations.

### Features:

Product Name: Online X-Ray Counter Machine

Intelligent X-ray counting system for precise measurements

Safety features include Radiation Shielding and Emergency Stop Button  
X-ray tube voltage range: 50-80KV  
Weight: 2500 Kg  
Detection size: Unlimited  
Counting accuracy:  $\pm 0.1\%$   
Ideal for use as an X-ray SMD reel counter  
Efficient X-ray electronic component counter for various applications

### Technical Parameters:

Product Name	Online X-Ray Counter Machine
Flat Panel Detector Size	470*470*35 cm
Weight	2500 Kg
Machine Dimensions	450*120*211 cm
Counting Speed	Up To 200 Pieces Per Minute
Software Features	Real-time Monitoring, Data Logging, And Report Generation
Conveyor Belt Width	300 mm
X-ray Tube Current	0.2-0.6 mA
Detection Size Max	17 Inches
Counting Accuracy	$\pm 0.1\%$

### Applications:

The Wisdomshow DS3200, an advanced X-ray inventory counter, is designed to meet the rigorous demands of modern electronic component management. Originating from Shenzhen, China, this cutting-edge machine combines precision with efficiency, making it an indispensable tool for industries requiring accurate counting and inspection of electronic components. Certified by CE, FDA, and ISO, the DS3200 guarantees safety and reliability, ensuring compliance with international standards.

This X-ray electronic component counter is perfect for scenarios where high-speed and precise counting is paramount. With a counting speed of up to 200 pieces per minute and a maximum detection size of 17 inches, it efficiently handles large volumes of components without compromising accuracy. Its compact dimensions of 450\*120\*211CM allow seamless integration into various production lines or inventory management systems, optimizing space utilization.

Safety is a top priority for the Wisdomshow DS3200. Equipped with advanced radiation shielding and an emergency stop button, the machine ensures operators are protected from any potential hazards during operation. The X-ray tube current ranges from 0.2-0.6mA, providing optimal imaging for detailed inspection while maintaining low radiation exposure.

The X-ray batch reel automatic counter functionality makes the DS3200 ideal for batch processing in manufacturing environments, especially in the electronics and semiconductor sectors. It automates the counting process for reels of components, reducing manual labor, minimizing errors, and increasing overall productivity. This feature is particularly valuable during quality control, inventory audits, and packaging stages.

With a minimum order quantity of just one unit and a delivery timeline of 45 days, the Wisdomshow DS3200 offers flexibility and timely fulfillment for businesses of all sizes. Whether used in factories, warehouses, or distribution centers, this X-ray inventory counter enhances operational efficiency by providing fast, accurate, and safe component counting. It is an essential solution for companies aiming to streamline inventory management and ensure precision in electronic component handling.

### Support and Services:

Our Online X-Ray Counter Machine is designed to provide accurate and efficient counting of items using advanced X-ray technology. For technical support, please ensure that the machine is installed according to the user manual and all safety guidelines are followed.

If you experience any issues with the machine's performance, such as counting errors or operational faults, first perform a system reset and verify the calibration settings. Regular maintenance is recommended to keep the sensors and components clean and functioning properly.

We offer comprehensive services including installation assistance, routine maintenance, software updates, and troubleshooting support. Our technical team is equipped to help with configuration, optimization, and repair to minimize downtime and enhance productivity.

For software-related inquiries, we provide updates and patches that can be downloaded to improve machine accuracy and add new features. Training sessions are also available to ensure your staff can operate the machine effectively and safely.

To maximize the lifespan and performance of your Online X-Ray Counter Machine, adhere to the recommended maintenance schedules and use only approved replacement parts. Our support services aim to deliver prompt and effective solutions tailored to your operational needs.

### Packing and Shipping:

#### Product Packaging:

The Online X-Ray Counter Machine is carefully packaged to ensure safe delivery and optimal protection. The machine is securely placed in a custom-fitted foam insert within a sturdy, double-walled cardboard box. All accessories, including cables, user manuals, and calibration tools, are individually wrapped and compartmentalized to prevent damage during transit. The packaging is labeled with handling instructions such as "Fragile" and "Handle with Care" to ensure careful handling.

#### Shipping:

We offer worldwide shipping through reliable courier services to guarantee timely and safe delivery of the Online X-Ray Counter Machine. Each shipment is tracked with a unique tracking number, which will be provided once the product has been dispatched. Shipping options

include standard, expedited, and express delivery to meet your needs. For international shipments, all necessary customs documentation will be completed to avoid delays. Insurance coverage is available upon request to protect against loss or damage during transit.

## FAQ:

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

A1: The Online X-Ray Counter Machine is manufactured by Wisdomshow and the model number is DS3200.

**Q2: Where is the Online X-Ray Counter Machine produced?**

A2: This machine is made in Shenzhen, China.

**Q3: Does the Online X-Ray Counter Machine have any certifications?**

A3: Yes, the machine is certified with CE, FDA, and ISO standards.

**Q4: What is the minimum order quantity for purchasing the Online X-Ray Counter Machine?**

A4: The minimum order quantity for this product is one unit.

**Q5: How long does it take to deliver the Online X-Ray Counter Machine after placing an order?**

A5: The delivery time for the Online X-Ray Counter Machine is approximately 45 days.



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