



## Online X-Ray Counter Machine Detects Overlapping And Hidden Parts with Radiation Safety <math><1 \mu\text{SV}/\text{H}</math> and Unlimited Detection Size

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
- Delivery Time: 45 days



### Product Specification

- Radiation Safety: <math><1 \mu\text{SV}/\text{H}</math>
- Conveyor Belt Width: 300 Mm
- Flat Panel Detetor Size: 470\*470\*35cm
- Product Name: Online X-Ray Counter Machine
- Detection Capability: Detects Overlapping And Hidden Parts
- Function: Automated Counting Of Small Parts Using X-ray Technology
- Safety Features: Radiation Shielding And Emergency Stop Button
- Detection Thickness Of Tray: 80mm
- Highlight: X-ray component counter machine,  
Electronic parts inspection X-ray counter,  
Unlimited detection size X-ray counter



### More Images



### Product Description:

The Online X-Ray Counter Machine is an advanced and highly efficient device designed to meet the needs of modern manufacturing and quality control environments. This cutting-edge system is specifically engineered to deliver precise and reliable counting of components, especially in applications involving reels and printed circuit boards (PCBs). With its innovative X-ray technology, the machine ensures accurate detection and counting without compromising the integrity of the materials being inspected.

One of the standout features of this machine is its exceptional radiation safety level, with emissions measuring less than 1  $\mu$  SV/H. This ultra-low radiation output guarantees a safe working environment for operators and complies with stringent industry safety standards. Users can confidently integrate this equipment into their production lines knowing that radiation exposure is minimal and well within acceptable limits.

The device operates with a total power consumption of 2400W, providing a robust and reliable energy supply to support its sophisticated detection and counting mechanisms. Despite the high power efficiency, the machine maintains excellent performance, ensuring continuous operation without interruptions or slowdowns. This makes it ideal for high-volume production settings where uptime and efficiency are critical.

In terms of detection capabilities, the Online X-Ray Counter Machine boasts an unlimited minimum detection size. This means it can accurately count parts of virtually any size without restrictions, making it incredibly versatile across diverse applications. Whether dealing with tiny electronic components on PCB reels or larger parts on industrial reels, the system delivers consistent and precise counts every time.

Speed is another area where this machine excels. It offers a counting speed of up to 200 pieces per minute, significantly boosting productivity and reducing the time required for manual counting processes. This rapid throughput is coupled with high accuracy, ensuring that the counted quantities are reliable and free from errors that could impact inventory management or production scheduling.

At the heart of this machine lies its automatic counting system, which leverages advanced X-ray imaging technology to identify and tally components accurately. This feature eliminates the need for manual intervention, reducing human error, and increasing overall efficiency. The X-ray automatic parts counter for reels is especially beneficial for manufacturers who require precise component counts directly from reel supplies, streamlining inventory tracking and quality assurance processes.

The machine's design makes it an ideal PCB reel X-ray automatic counter, capable of handling delicate circuit boards with care while providing detailed counting data. Its automatic system not only counts but also verifies the presence and integrity of components, which is crucial for maintaining high-quality standards in electronics manufacturing. This dual functionality ensures that any discrepancies or missing parts are detected early, preventing downstream issues in assembly lines.

Additionally, the Online X-Ray Counter Machine serves as a comprehensive X-ray material counting automatic system, suitable for a broad range of industrial sectors beyond electronics. Whether counting small mechanical parts, pharmaceutical items, or packaged goods, this system adapts to various materials and packaging types thanks to its flexible detection parameters and high-resolution X-ray technology.

In summary, the Online X-Ray Counter Machine is a state-of-the-art solution combining safety, power, precision, and speed. Its radiation safety of less than 1  $\mu$  SV/H ensures operator protection, while the 2400W total power supports robust performance. The unlimited minimum detection size and counting speed of up to 200 pieces per minute make it highly adaptable and efficient. Featuring an automatic counting system, this machine is the perfect X-ray automatic parts counter for reels and an indispensable PCB reel X-ray automatic counter. It also functions as a versatile X-ray material counting automatic system, making it an essential tool for improving accuracy and productivity in various manufacturing and quality control applications.

### Features:

Product Name: Online X-Ray Counter Machine

Software Features:

Real-time Monitoring

Data Logging

Report Generation

X-ray Tube Current: 0.2-0.6mA

Detection Capability: Detects Overlapping And Hidden Parts

Features: Automatic Counting System

Safety Features:

Radiation Shielding

Emergency Stop Button

Specialized for use as an X-ray part automatic counting machine

Efficient X-ray fast reel counter for enhanced productivity

Reliable X-ray part automatic counting machine ensuring accuracy and safety

### Technical Parameters:

Features	Automatic Counting System
Load-bearing platform	10KG
Safety features	Radiation Shielding And Emergency Stop Button
Detection size Min	Unlimited
Counting accuracy	$\pm 0.1\%$
Power supply	220V/50Hz

Data output	USB, Ethernet, And Wi-Fi Connectivity
Radiation safety	<1 $\mu$ SV/H
Material compatibility	Metal, Plastic, Glass, And Other Materials
X-ray tube voltage	50-80KV

## Applications:

The Wisdomshow DS3200, an advanced X-ray tape reel automatic counter, is designed to elevate the efficiency and accuracy of counting electronic components in various industrial environments. Originating from Shenzhen, China, this state-of-the-art machine is certified by CE, FDA, and ISO, ensuring top-notch quality and safety standards. With a minimum order quantity of just one unit and a delivery time of 45 days, it is readily accessible for manufacturers and quality control departments seeking reliable X-ray material counting automatic system solutions.

The DS3200 model is particularly suitable for use in electronics manufacturing plants, where precise counting of tiny components such as SMDs (Surface-Mount Devices) is critical. Its SMD X-ray component counting machine capability allows it to accurately detect and count components on tape reels without physical contact, minimizing the risk of damage. The machine's X-ray tube current ranges between 0.2-0.6mA, providing optimal imaging clarity while maintaining safety standards. The flat panel detector, measuring 470\*470\*35 cm, offers a broad detection area, enabling the handling of various tape reel sizes and ensuring a detection size minimum of unlimited, which means it can adapt to different component sizes and packaging configurations.

Beyond electronics manufacturing, the Wisdomshow DS3200 finds applications in quality control laboratories, research and development centers, and supply chain inspection points where accurate component inventory is essential. The integrated safety features, including radiation shielding and an emergency stop button, provide operators with peace of mind by maintaining radiation safety levels below 1  $\mu$ SV/H, protecting both personnel and the environment.

This X-ray material counting automatic system is ideal for scenarios requiring high-throughput, non-destructive testing and inventory management. It supports manufacturers in reducing human error, accelerating the counting process, and ensuring compliance with industry standards. Whether it is used during incoming material inspection, production line monitoring, or final product verification, the Wisdomshow DS3200 proves to be an indispensable tool for modern electronics production and quality assurance.

In summary, the Wisdomshow DS3200 X-ray tape reel automatic counter combines cutting-edge technology, robust safety measures, and versatile application scenarios, making it an excellent investment for companies looking to optimize their component counting processes with precision and reliability.

## Support and Services:

Our Online X-Ray Counter Machine is designed to provide accurate and efficient counting of small components using advanced X-ray technology. For technical support, please ensure the machine is installed according to the user manual and all safety guidelines are followed. Regular maintenance and calibration are recommended to maintain optimal performance.

If you encounter any issues with the machine, please check the troubleshooting section of the manual for common problems and solutions. For software-related inquiries, ensure that your system meets the minimum requirements and that the latest firmware updates are installed.

We offer comprehensive services including installation assistance, routine maintenance, calibration services, and training for operators to maximize the efficiency and lifespan of your Online X-Ray Counter Machine. Our technical team is committed to providing prompt and effective support to minimize downtime and ensure continuous operation.

For detailed service plans and support options, please refer to our service documentation or contact your local representative. We also provide extended warranty packages and on-site repair services tailored to your needs.

## Packing and Shipping:

### Product Packaging:

The Online X-Ray Counter Machine is carefully packaged to ensure maximum protection during transit. Each unit is securely placed in a custom-fitted foam insert inside a sturdy, double-walled cardboard box. The packaging includes anti-static bags to prevent any electrostatic damage. Additionally, all accessories, user manuals, and power cables are neatly organized and packed separately within the box to avoid any damage.

### Shipping:

We offer reliable and fast shipping options for the Online X-Ray Counter Machine worldwide. All shipments are handled with care and tracked until delivery. Customers will receive a tracking number once their order has been dispatched. Depending on the destination, shipping times typically range from 3 to 10 business days. We also provide options for expedited shipping upon request. International shipments may be subject to customs duties and taxes, which are the responsibility of the customer.

## FAQ:

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

A1: The brand is Wisdomshow and the model number is DS3200.

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

A2: It is manufactured in Shenzhen, China.

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

A3: Yes, it is certified with CE, FDA, and ISO.

### Q4: What is the minimum order quantity for the DS3200 Online X-Ray Counter Machine?

A4: The minimum order quantity is 1 unit.

### Q5: How long does it take to deliver the Online X-Ray Counter Machine after ordering?

A5: The delivery time is approximately 45 days.





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