



## Online X-Ray Counter Machine with 0°C To 40°C Operating Temperature, ±0.1% Counting Accuracy, and Detects Overlapping And Hidden Parts

Our Product Introduction

for more products please visit us on [bgaxraymachine.com](http://bgaxraymachine.com)

### 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

- Material Compatibility: Metal, Plastic, Glass, And Other Materials
- Conveyor Belt Width: 300 Mm
- Counting Accuracy: ±0.1%
- Function: Automated Counting Of Small Parts Using X-ray Technology
- Operating Temperature: 0°C To 40°C
- Weight: 2500 Kg
- Flat Panel Detetor Size: 470\*470\*35cm
- Detection Capability: Detects Overlapping And Hidden Parts
- Highlight: **Online X-Ray Counter Machine with load-bearing platform**  
**, 0°C to 40°C X-Ray Counter Machine,**  
**X-Ray Counter Machine with counting accuracy**



### More Images



**Product Description:**

The Online X-Ray Counter Machine is a cutting-edge X-ray electronic parts automatic counter designed to revolutionize the process of counting and inspecting electronic components with unparalleled precision and efficiency. Engineered for use in modern manufacturing environments, this SMT X-ray counting machine offers a seamless integration of advanced X-ray technology and intelligent automation, making it an indispensable tool for quality control and inventory management in the electronics industry.

One of the standout features of this X-ray material counting automatic system is its exceptional counting accuracy of  $\pm 0.1\%$ . This high level of precision ensures that every component is accounted for with minimal error, significantly reducing the risk of production delays and costly mistakes. The machine achieves this through its sophisticated detection algorithms combined with high-resolution X-ray imaging, which enables it to accurately count even the most challenging components.

Operating within a temperature range of 0°C to 40°C, the Online X-Ray Counter Machine is designed to function reliably in a variety of industrial environments. This broad operating temperature range ensures consistent performance whether in standard factory conditions or slightly more demanding settings, providing manufacturers with flexibility and confidence in their counting processes.

The X-ray tube current of this system ranges from 0.2 to 0.6mA, allowing for optimal X-ray penetration and image clarity. This adjustable tube current is crucial in detecting overlapping and hidden parts, a common challenge in electronic component counting. The ability to accurately identify and count components that are stacked or concealed behind others sets this SMT X-ray counting machine apart from traditional optical counters, which often struggle with such complexities.

Powered by a standard 220V/50Hz power supply, the Online X-Ray Counter Machine is easy to integrate into existing production lines without the need for specialized electrical infrastructure. This compatibility simplifies installation and reduces setup costs, making it accessible for a wide range of manufacturing facilities.

Beyond its counting capabilities, this X-ray electronic parts automatic counter excels in detecting overlapping and hidden parts, ensuring comprehensive inspection and quality control. By utilizing advanced X-ray imaging technology, the system can penetrate through layers of components to identify and count each individual piece accurately. This feature is particularly beneficial for manufacturers dealing with densely packed SMT components, where traditional counting methods fall short.

The Online X-Ray Counter Machine is not only a counting device but also a sophisticated inspection system that improves production efficiency and accuracy. Its ability to provide real-time data enables manufacturers to monitor component usage closely, streamline inventory management, and reduce waste. This leads to cost savings and improved production throughput, making it a valuable investment for electronics manufacturers aiming to enhance their operational capabilities.

In summary, the Online X-Ray Counter Machine combines advanced X-ray technology, exceptional counting accuracy, and robust operational features to deliver a reliable and efficient solution for electronic parts counting. Its capability to detect overlapping and hidden parts, coupled with its user-friendly power requirements and broad operating temperature range, make it an ideal choice for modern electronics manufacturing. Whether you are looking to improve quality control, optimize inventory management, or increase production efficiency, this SMT X-ray counting machine stands out as a leading X-ray material counting automatic system in the industry.

**Features:**

- Product Name: Online X-Ray Counter Machine
- Conveyor Belt Width: 300 mm
- Software Features: Real-time Monitoring, Data Logging, and Report Generation
- X-ray Tube Current: 0.2-0.6 mA
- Function: Automated Counting of Small Parts Using X-ray Technology
- Machine Dimensions: 450 x 120 x 211 cm
- Efficient X-ray component inventory automatic system for accurate part counting
- Advanced X-ray electronic parts automatic counter designed for precision
- Specialized SMT component X-ray counter to enhance manufacturing processes

**Technical Parameters:**

Total Power	2400W
Detection Size Min	Unlimited
Conveyor Belt Width	300 mm
Detection Capability	Detects Overlapping And Hidden Parts
Function	Automated Counting Of Small Parts Using X-ray Technology
Operating Temperature	0°C To 40°C
Safety Features	Radiation Shielding And Emergency Stop Button
Machine Dimensions	450*120*211 CM
Power Supply	220V/50Hz
Counting Speed	Up To 200 Pieces Per Minute

**Applications:**

The Wisdomshow DS3200 X-ray non-destructive counting machine is a state-of-the-art solution designed for accurate and efficient counting of components in various industrial settings. Manufactured in Shenzhen, China, this advanced piece of equipment is CE, FDA,

and ISO certified, ensuring top-tier quality and compliance with international standards. With a compact size of 450\*120\*211CM and a total power consumption of 2400W, the DS3200 is engineered to deliver high performance without compromising on space or energy efficiency.

This X-ray reel counting equipment is ideal for use in electronics manufacturing environments where precision and speed are critical. The DS3200 excels in counting SMT reels, providing a counting accuracy of  $\pm 0.1\%$  and a counting speed of up to 200 pieces per minute. This makes it an indispensable tool for quality control departments, production lines, and inventory management, where accurate component counts can significantly reduce errors and improve production efficiency.

In scenarios where non-destructive testing is required, the Wisdomshow X-ray SMT reel counter offers a seamless solution. Its X-ray tube voltage ranging from 50 to 80KV allows it to penetrate packaging materials without damaging the contents, enabling quick and reliable verification of component quantities. This capability is especially valuable in high-mix, low-volume production environments, research and development labs, and electronics assembly plants.

The DS3200 is also well-suited for use in warehousing and logistics operations where precise inventory tracking of electronic components is necessary. By automating the counting process, it reduces manual labor and human error, increasing overall operational efficiency. Additionally, its user-friendly interface and robust build make it suitable for continuous operation in demanding production schedules.

With a minimum order quantity of just one unit and a delivery time of 45 days, the Wisdomshow DS3200 X-ray non-destructive counting machine is accessible for businesses of all sizes looking to enhance their component counting accuracy and speed. Whether deployed as a standalone solution or integrated into a larger production system, this X-ray reel counting equipment stands out as a reliable and innovative choice in the field of electronic component management.

## 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 that your machine is installed according to the user manual and all safety guidelines are followed.

If you experience any issues with the Online X-Ray Counter Machine, such as counting inaccuracies, software errors, or hardware malfunctions, refer to the troubleshooting section of the manual first. Common solutions include recalibrating the machine, checking the X-ray source connection, and ensuring the conveyor system is free of obstructions.

We offer comprehensive maintenance services to keep your Online X-Ray Counter Machine operating at peak performance. Regular cleaning of the X-ray sensors, software updates, and periodic calibration are recommended to maintain accuracy and reliability.

For advanced technical support, our service team can provide remote diagnostics and guidance to resolve complex issues. On-site service visits are also available for repairs, upgrades, and preventive maintenance as needed.

Spare parts and accessories for the Online X-Ray Counter Machine can be ordered to ensure minimal downtime. We recommend using only genuine parts to preserve machine integrity and warranty coverage.

Training sessions and user manuals are available to help your staff operate the machine effectively and safely. Proper training ensures optimal use and extends the lifespan of the equipment.

We are committed to providing excellent after-sales support and services to maximize the value of your Online X-Ray Counter Machine investment.

## Packing and Shipping:

**Product Packaging:** The Online X-Ray Counter Machine is securely packaged using high-quality, durable materials to ensure safe transit. Each unit is wrapped in anti-static foam and placed inside a custom-fitted, sturdy cardboard box. The packaging includes clear instructions, necessary accessories, and a user manual to facilitate easy setup and operation.

**Shipping:** We offer reliable shipping options worldwide with careful handling to deliver your Online X-Ray Counter Machine promptly and in perfect condition. Tracking information will be provided upon dispatch. For international orders, all customs duties and taxes are the responsibility of the recipient unless otherwise specified.

## FAQ:

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

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

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

A2: This product is manufactured 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 the Online X-Ray Counter Machine?**

A4: The minimum order quantity for this product is 1 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.



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