Offline X-Ray Counter Machine with 21000W Total Power and Max PCB Size 1030×700mm for Chips 0.6×0.6mm-120×120mm, X-Ray Reel Counter for SMT

Our Product Introduction

Basic Information

- Brand Name: Wisdomshow
- Model Number: DS3000



Product Specification

- Thermocouple Ports: 9 Pcs
- Max PCB Size: 1030×700mm
- Placement Accuracy: ±0.02mm
- Temperature Control: High-precision K-type Thermocouple Closed-loop Control, Upper & Lower Independent Control, ±1°C
- Applicable Chip Size: 0.6×0.6mm - 120×120mm
- Power Supply: AC380V±10%, 50/60Hz
- Total Power: 21000W
- Highlight: **21000W Offline X-Ray Counter Machine**, **1030×700mm X-Ray Reel Counter**, **0.6×0.6mm-120×120mm SMT X-Ray Counter**



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Product Description

Product Description:

The Offline X-Ray Counter Machine is an advanced solution designed to meet the demanding needs of modern electronics manufacturing and inventory management. Specially engineered as an SMT X-ray inventory counter, this machine offers unparalleled accuracy and efficiency in counting surface-mount device (SMD) parts on reels, making it an indispensable tool for production lines and warehouses alike.

One of the standout features of this X-ray SMD parts counter is its broad applicability in terms of chip size. It can accurately count components ranging from as small as 0.6*0.6mm up to large sizes of 120*120mm. This versatility ensures that the machine can handle a wide variety of SMD components, from tiny resistors and capacitors to larger ICs and modules, making it suitable for diverse electronics manufacturing environments.

The machine is equipped with nine thermocouple ports, enabling precise temperature monitoring and control during the counting process. This is critical for maintaining the reliability and stability of the system, especially when handling sensitive electronic components. The temperature control system features a high-precision K-type thermocouple with closed-loop control, allowing for upper and lower independent temperature regulation with an impressive accuracy of ±1°C. Such precise control helps prevent any thermal-related damage to components and ensures consistent operational performance.

Powering this sophisticated equipment is a robust AC380V±10%, 50/60Hz power supply, which guarantees stable and efficient energy delivery to support continuous, high-speed operation. This power specification is designed to meet industrial standards, ensuring that the machine can operate seamlessly within typical manufacturing facility environments without interruption.

The Offline X-Ray Counter Machine is designed to accommodate large printed circuit boards (PCBs) with a maximum size of 1030*700mm. This capacity allows the machine to handle substantial PCB panels, providing flexibility for various production scales and enabling batch processing of multiple reels or components simultaneously. This feature significantly enhances throughput and reduces downtime between counting cycles.

As a high-speed X-ray reel counter, the machine employs state-of-the-art X-ray imaging technology to rapidly and accurately count components on reels without the need for manual inspection. This not only boosts counting speed but also eliminates human error, ensuring inventory data is precise and reliable. The non-destructive nature of X-ray technology means components remain intact and ready for immediate use following counting, improving overall workflow efficiency.

In summary, the Offline X-Ray Counter Machine is an essential tool for any electronics manufacturing or inventory operation requiring fast, accurate, and reliable counting of SMD parts. Its wide chip size compatibility, advanced temperature control system, industrial-grade power supply, and capability to handle large PCBs make it a versatile and robust solution. By integrating this SMT X-ray inventory counter into your production line, you can achieve significant improvements in inventory management accuracy and operational productivity, while reducing labor costs and minimizing errors associated with manual counting processes.

Features:

Product Name: Offline X-Ray Counter Machine

Thermocouple Ports: 9 Pcs for precise temperature monitoring

Temperature Control: High-precision K-type Thermocouple Closed-loop Control with Upper & Lower Independent Control and accuracy of ±1°C

Maximum PCB Size Supported: 1030*700mm

Total Power Consumption: 21000W

Applicable Chip Size Range: 0.6*0.6mm to 120*120mm

Features X-ray fast reel counter for efficient counting

Includes X-ray tape reel counter functionality for accurate tape reel measurement

Designed as an SMT component X-ray counter to meet surface mount technology requirements

Technical Parameters:

Max PCB Size	1030*700mm
Applicable Chip Size	0.6*0.6mm - 120*120mm
Total Power	21000W
Placement Accuracy	±0.02mm
Thermocouple Ports	9 Pcs
Temperature Control	High-precision K-type Thermocouple Closed-loop Control, Upper & Lower Independent Control, ±1°C
Power Supply	AC380V±10%, 50/60Hz

Applications:

The Wisdomshow DS3000 Offline X-Ray Counter Machine is an advanced solution designed for efficient and accurate counting of electronic components and reels in various industrial settings. Its robust design and cutting-edge technology make it an ideal choice for

manufacturers, quality control departments, and inventory management teams seeking to optimize their production processes and maintain precise oversight of their component stocks.

This X-ray fast reel counter is particularly suited for electronics manufacturing plants where high-volume component handling is routine. The machine's ability to accommodate chip sizes ranging from 0.6*0.6mm to 120*120mm and handle maximum PCB sizes up to 1030*700mm ensures versatility across a wide range of components and circuit board formats. This makes it indispensable in scenarios where rapid, reliable counting of reels is required to keep production lines running smoothly without interruption.

Equipped with nine thermocouple ports and featuring high-precision K-type thermocouple closed-loop temperature control, the Wisdomshow DS3000 guarantees stable and consistent operation. The upper and lower independent temperature control with an accuracy of ±1°C allows for precise thermal management, ensuring the machine operates efficiently under varying environmental conditions. This is especially important in quality control environments where temperature fluctuations can impact measurement accuracy and component integrity.

The AI-powered X-ray reel counter functionality elevates the machine's capabilities by integrating intelligent recognition algorithms, enabling automatic identification and counting of components on reels with minimal human intervention. This feature makes it an essential tool for electronics warehouses and inventory centers, where the X-ray SMD inventory checker can drastically reduce manual counting errors, save time, and improve inventory accuracy.

In addition to manufacturing floors and inventory warehouses, the Wisdomshow DS3000 is also highly useful in research and development labs and quality assurance facilities where precise component verification is critical. Its compatibility with standard power supplies of AC380V±10%, 50/60Hz ensures it can be easily integrated into existing infrastructure without the need for special electrical modifications.

Overall, the Wisdomshow DS3000 Offline X-Ray Counter Machine is a versatile, reliable, and technologically advanced tool designed to meet the demanding needs of modern electronics production and inventory management. Whether used as an X-ray fast reel counter, an AI-powered X-ray reel counter, or an X-ray SMD inventory checker, it delivers exceptional performance, accuracy, and efficiency across a broad range of application occasions and scenarios.

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