Offline X-Ray Counter Machine with 9 Pcs Thermocouple Ports and 21000W Total Power for 1030×700mm PCB X-Ray Reel Counter

Our Product Introduction

Basic Information

- Brand Name: Wisdomshow
- Model Number: DS3000



Product Specification

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



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Product Description

Product Description:

The Offline X-Ray Counter Machine is a state-of-the-art device designed specifically for precise and efficient counting of SMT components on reels. As an essential tool in modern electronics manufacturing, this machine combines advanced technology with user-friendly features to ensure accurate and reliable results in counting SMT components, making it an indispensable asset for production lines and quality control departments.

One of the standout features of this Offline X-Ray Counter Machine is its compatibility with large printed circuit boards (PCBs), accommodating a maximum PCB size of 1030*700mm. This capability allows it to handle a wide range of PCB dimensions, offering great flexibility for various industrial applications. Whether dealing with small or large PCBs, this machine adapts seamlessly to different sizes, ensuring consistent performance across diverse projects.

Powering the machine is a robust 21000W total power supply, providing ample energy for high-speed and accurate operations. The machine operates on a stable AC380V±10% power supply with a frequency of 50/60Hz, ensuring consistent performance in industrial environments. This reliable power configuration supports the sophisticated mechanisms and electronics within the X-ray material counting system, enabling it to deliver precise and uninterrupted functionality.

Temperature control is critical for maintaining the accuracy and durability of the Offline X-Ray Counter Machine. This product employs a high-precision K-type thermocouple closed-loop control system, which allows for independent temperature regulation of both the upper and lower sections of the machine. The temperature accuracy is maintained within a tight range of ±1°C, ensuring optimal operating conditions that protect sensitive components and maintain measurement consistency. This advanced temperature control system plays a vital role in enhancing the machine's longevity and performance stability.

Placement accuracy is another crucial aspect of the Offline X-Ray Counter Machine. It boasts an impressive placement accuracy of ±0.02mm, demonstrating its capability to position and count SMT components with remarkable precision. This high level of accuracy minimizes errors and reduces the risk of component miscounts, which is essential in maintaining quality standards and optimizing material usage. Such precision makes the machine highly reliable for critical counting tasks in electronics manufacturing.

As a Smart X-ray reel counter, this machine integrates intelligent software and hardware to streamline the counting process. The smart algorithms embedded within the system analyze X-ray images of reels, automatically identifying and counting SMT components with minimal human intervention. This automation not only speeds up the counting process but also reduces the potential for human error, thereby improving productivity and accuracy.

The Offline X-Ray Counter Machine serves as a comprehensive X-ray material counting system that enhances inventory management and production efficiency. By accurately counting SMT components on reels, it helps manufacturers maintain precise inventory records, avoid shortages or overstock situations, and optimize procurement and production schedules. This system is especially beneficial in high-volume manufacturing environments where quick and reliable counting is critical to operational success.

In summary, the Offline X-Ray Counter Machine is a highly advanced and reliable solution for SMT component counting. With its large PCB size capacity, powerful 21000W energy supply, sophisticated temperature control, and exceptional placement accuracy, it stands out as a premier choice for electronics manufacturers. Its status as a Smart X-ray reel counter and part of an integrated X-ray material counting system further solidifies its role in revolutionizing how SMT components are managed and counted, ensuring efficiency, accuracy, and quality in every operation.

Features:

Product Name: Offline X-Ray Counter Machine

Max PCB Size: 1030*700mm

Total Power: 21000W

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

Power Supply: AC380V±10%, 50/60Hz

Placement Accuracy: ±0.02mm

Functions as an X-ray electronic component counter for precise component measurement

Efficient X-ray inventory counter for accurate stock management

Advanced SMT X-ray counting machine designed for surface-mount technology applications

Technical Parameters:

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

Applications:

The Wisdomshow DS3000 Offline X-Ray Counter Machine is an advanced solution designed for precise and efficient counting of SMT components and PCB reels. Equipped with high-precision K-type thermocouple closed-loop temperature control, featuring independent upper and lower control with an accuracy of ±1°C, this machine ensures optimal operating conditions for consistent performance. With a total power of 21000W and the capability to handle a maximum PCB size of 1030*700mm, the DS3000 is ideal for a variety of demanding industrial environments.

This SMT X-ray inventory counter is perfect for electronics manufacturing plants, quality control laboratories, and distribution centers where accurate component counting is critical. It excels in scenarios where batches of reels need to be verified quickly and accurately, serving as an indispensable tool for X-ray batch reel counting tasks. The machine's nine thermocouple ports facilitate uniform temperature regulation, ensuring stability and reliability during extended operations.

In production lines where PCB reel X-ray counters are required, the Wisdomshow DS3000 stands out due to its exceptional placement accuracy of ±0.02mm. This precision allows for meticulous inspection and counting of components, reducing errors and improving inventory management. The machine's robust design makes it suitable for offline use in warehouses, SMT assembly workshops, and repair facilities, where batch counting and verification are essential to maintaining production flow.

Additionally, the DS3000 is well-suited for research and development centers focusing on component testing and validation. Its large PCB handling capacity accommodates various reel sizes, making it versatile across different product lines. Whether used for routine inventory checks or detailed batch analysis, the DS3000 provides reliable, high-accuracy results that enhance operational efficiency and reduce downtime.

Overall, the Wisdomshow DS3000 Offline X-Ray Counter Machine is an indispensable asset in any environment requiring precise SMT X-ray inventory counting, efficient X-ray batch reel counting, and accurate PCB reel X-ray counting. Its advanced temperature control, high power, and precise placement capabilities ensure it meets the rigorous demands of modern electronics manufacturing and inventory management.

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