



DS-3000 Automatic X-Ray Reel Counter Machine with 99.99% Counting Accuracy, 17-inch Ultra-Clear Screen, and Cloud Database Integration

Our Product Introduction

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Basic Information

- Place of Origin: China
- Minimum Order Quantity: 1
- Price: CN¥157,785.12-185,466.72



Product Specification

- Weight: 730 KG
- Counting Speed: 8~10s
- Equipment Size: 156*107*218cm
- Counting Capacity: 4 Reels At One Time
- Counting Accuracy: 99.99%
- Tray Diameter: 7 To 15 Inches
- Flat Panel Size: 17 Inch
- X-ray Tube: American VJ
- Material Tray Size: 7 Inch Or 13 To 17 Inch
- Data Upload: Cloud Database
- Printing Capability: Barcode Stickers
- AI Algorithm: Deep Learning
- Component Recognition: Automatic
- Image Processing: No Distortion
- Material Handling: Foolproof Picking



More Images



Product Description

DS-3000 Automatic X-Ray SMD Reel Counter Machine

Advanced X-ray offline counting system for electronics components manufacturing with PLC core technology at competitive pricing.

Key Features

- Eliminates need for unpacking trays and transfer trays compared to traditional counting machines
- 17-inch ultra-clear flat panel detector with fast imaging and no distortion
- Simultaneously calculates 4 pieces of 7-inch material trays or 13-15 inch material trays
- Counting accuracy up to 99.99%
- Digital data management with barcode sticker printing or direct database upload
- Handles tray diameters from 7 to 15 inches
- Material picking and foolproof functionality with automatic location sensing and label printing

Cloud Database Integration

Each device connects to user's cloud database, uploading order data and images. Engineers optimize algorithms based on collected data and regularly update the database. Over time, counting accuracy approaches 100% and component type coverage expands continuously.





Equipment Advantages

X-ray Source: American VJ X-ray tube with long life and maintenance-free operation

Imaging: 17-inch ultra-clear flat panel detector with fast imaging and no distortion

Capacity: Simultaneously calculates four 7-inch material plates or one 13-17 inch material plate

Efficiency: Significantly reduces counting time and optimizes manpower allocation for line changes and switching operations

Data Management: Digital data processing with barcode printing or direct database upload, improving material shortage prevention and inventory accuracy

Packaging Integrity: No need to open packaging bags, maintaining coil integrity and material moisture resistance

AI Deep Learning: Artificial intelligence algorithms automatically identify components and apply counting algorithms without manual binding

AI Learning Capabilities

Length-width ratio analysis

Component corner angle measurement

Internal to external component slope analysis

Image deformation pattern recognition from internal to external components

As component counting operations increase, material counting results become increasingly accurate. The system efficiently handles larger plates and similar components through continuous learning.

Cloud Database Benefits

Device order data and images upload to cloud storage. Engineers optimize algorithms based on collected data and provide regular database updates. Counting accuracy progressively approaches 100% with expanding component coverage. When encountering new components already in the database, software updates provide immediate access with higher efficiency, accuracy, and coverage.



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