TruCount™

Inventory Management Done Right

Creative Electron
THE X-RAY PEOPLE

Technical Specifications

SYSTEM SUMMARY	
Footprint: 800(W) x 800(D) x 1900(H) mm	Plywood Packing Size: 1150(W) × 1110(D) × 2150(H) mm
Machine Weight: 780 kg	Packing Weight: 980 kg
Power Supply: 110~220 VAC, 50/60 Hz	Power Consumption: Max. 1.5 kW

X-RAY TUBE	
Tube Type: Sealed	Current: maximum 700 μA
Voltage: 80 kV	Focus Spot Size: 30 μm

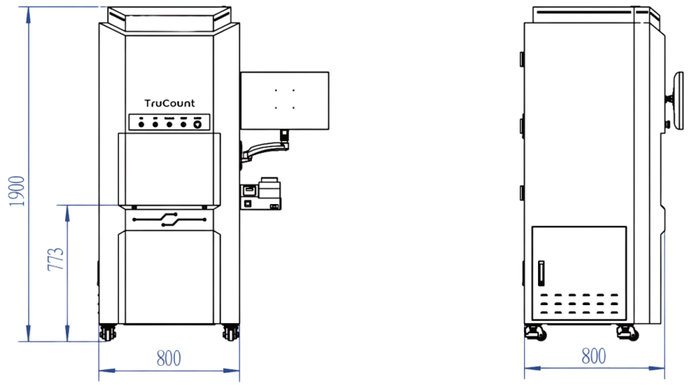
IMAGING DETECTOR	
Detector: Flat Panel Detector (FPD)	Pixel Size: 139 μm
Effective Inspection Area: 430x430 mm	Frame Rates: 2 fps
Pixel Matrix: 3072 x 3072	AD Conversion: 16 bits

INSPECTION ABILITY
Tape & Reel size: 7′′-17′′
Scan Height: ≤80 mm
Smallest countable component: 01005
Counting accuracy: 99.99%
Counting speed: <10 s per tape & reel (7′′-17′′) <10 s for four 7″ reels

INDUSTRIAL PC
Monitor: 24′′ FHD LCD display
System OS: Windows
Hard Disk: 256 GB (SSD) + 1 TB (HDD)
RAM: 16 GB
CPU: Intel® Core™ i7
Support integration with MES, ERP and WMS

OTHER FEATURES	
Door Operation: Auto-door with anti-pinch	Feeding method: Manual
Radiation monitoring: safety protection, Real-time monitoring of radiation	X-ray safety: ≤0.5 μSv/h (Meets all international standards)
Accessories: Embedded barcode camera reader, hand-held barcode scanner.	Authority management: fingerprint access management system with password support.

* Specifications are subject to change without notice. All trademarks are the property of their respective owners.



MADE IN MALAYSIA/CHINA

VISIT THE PRODUCT PAGE

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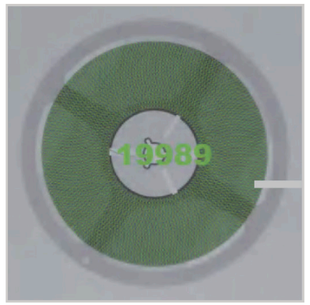
CE FDA

Inspection Images



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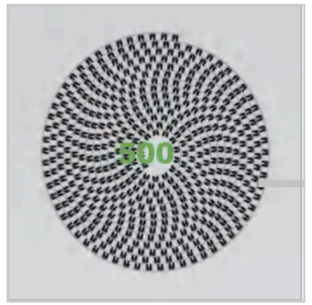
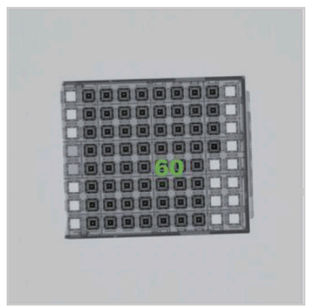


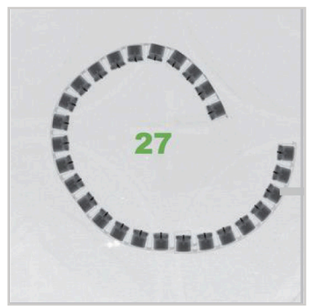
Chips

Non-standard components

ESD / HSC



Tray



Bulks parts

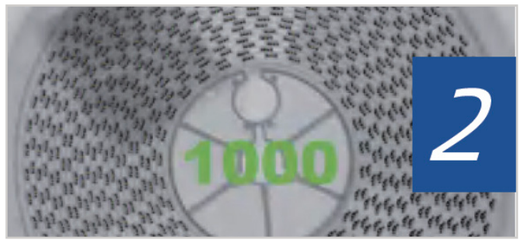
Application

Reels	Accuracy	Other Components	Accuracy
01005	99.99%	Transistors	99.99%
0201	99.99%	Bulks	99.99%
0402	99.99%	ESD Packages	99.99%
0603	99.99%	Tubes	100%
0805	99.99%	JEDEC TRAY	100%
1206	99.99%	Other resistors and capacitors	99.99%

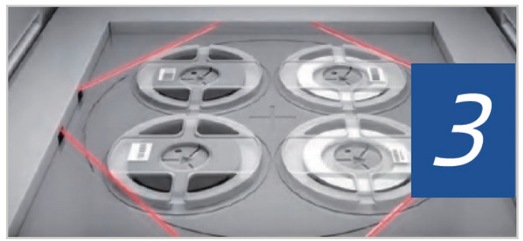
Functional Characteristics

1 Fingerprint access management and real-time monitoring of radiation

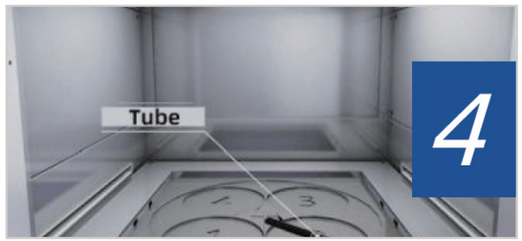
2 Anti-interference counting algorithm



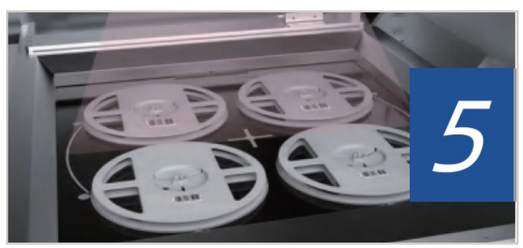
3 Embedded sensors for identifying reels



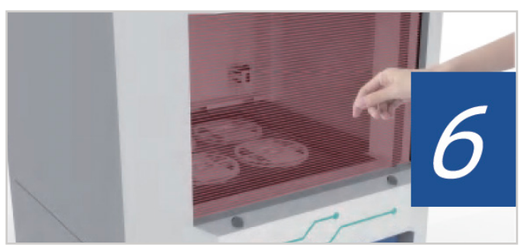
4 AI engine for counting different component types



5 Intelligent QR reading system



6 Full anti-pinch system



Our guarantee to you.

We believe in the solutions we provide and are confident that they will operate robustly, consistently, and reliably in our customers' hands for a long time with minimal maintenance. Your peace of mind is our top priority.