RAYTECH

RTX210

X-Ray High speed Counting System

RTX210

Application Fields

| Reels	Accuracy	Others Components	Accuracy
01005	99.99%	Transistors	99.99%
0201	99.99%	Bulks	99.99%
0402	99.99%	ESD Packages	99.9%
0603	99.99%	Tubus	100%
0805	99.99%	JEDEC TRAY	100%
1206	99.99%	Other Resistance & Capacity	99.99%

Functions and Features

1 Fingerprint Access Management and Real-time Monitoring of Radiation

2 Anti-interference Counting Algorithm

3 Embedded Sensors for Identifying Reels
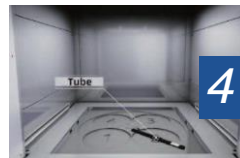
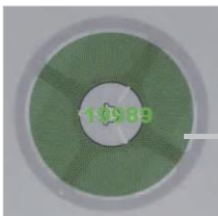**4** AI Technology for Counting Different Components
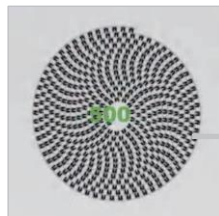
5 Intelligent QR Reading System

6 Full Anti-pinch Hand System
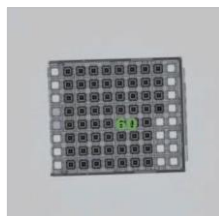
Inspection Images

01005

Chips

Abnormal Components

ESD / HSC

TRAY

Bulks

Technical Parameters and Specifications

System Summary

Footprint	800(W)X800(D)X1900(H)mm	Plywood Packing Size	1150(W)×1110(D)×2150(H)mm
Machine Weight	780 kg	Packing Weight	980 kg
Power Spupply	AC 110~220V, 50/60Hz	Power Consumption	Max. 1.5kW

X-Ray Tube

Tube Type	Sealed	Current	Max. 700 μA
Voltage	80kV	Focus Spot Size	0.03 mm

Imaging Detector

Detector	Flat Panel Detector (FPD)	Pixel Size	139 μm
Effective Inspection Area	430*430mm	Frame Rates	2 fps
Pixel Matrix	3072*3072 pixel	AD Conversion	16 bits

Inspection Ability

Tape & Reel size	7''-17''
Scan Height	≤80mm
Inspection Min. Component	01005
Inspection Accuracy	99.99%
Inspection Speed	< 10s/Tape & Reel (7''-17'') < 10s (7''*4 Tape & Reel)

Industrial PC

Monitor	24'' FHD LCD Display
System OS	Windows 10 64bit
Hard Disk	256G (SSD) + 1T (HDD)
RAM	16 GB
CPU Model	Intel i7 Processor

Support Connection with MES, ERP and WMS Intelligent Storage System.

Other Features

Door Open	Auto-door, Anti-Pinch	Feeding Method	Manual
Radiation Monitoring	Safety Protection, Real-time Monitoring of Radiation	X-Ray Safety	≤0.5μSv/h (Meets All International Standards)
Accessories	Embeded barcode camera reader, hand-held barcode sanner	Authority Management	Fingerprint Access Management System, and Support Password Accessing.

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Micro-focus X-ray Technology

Dimensions and Appearance
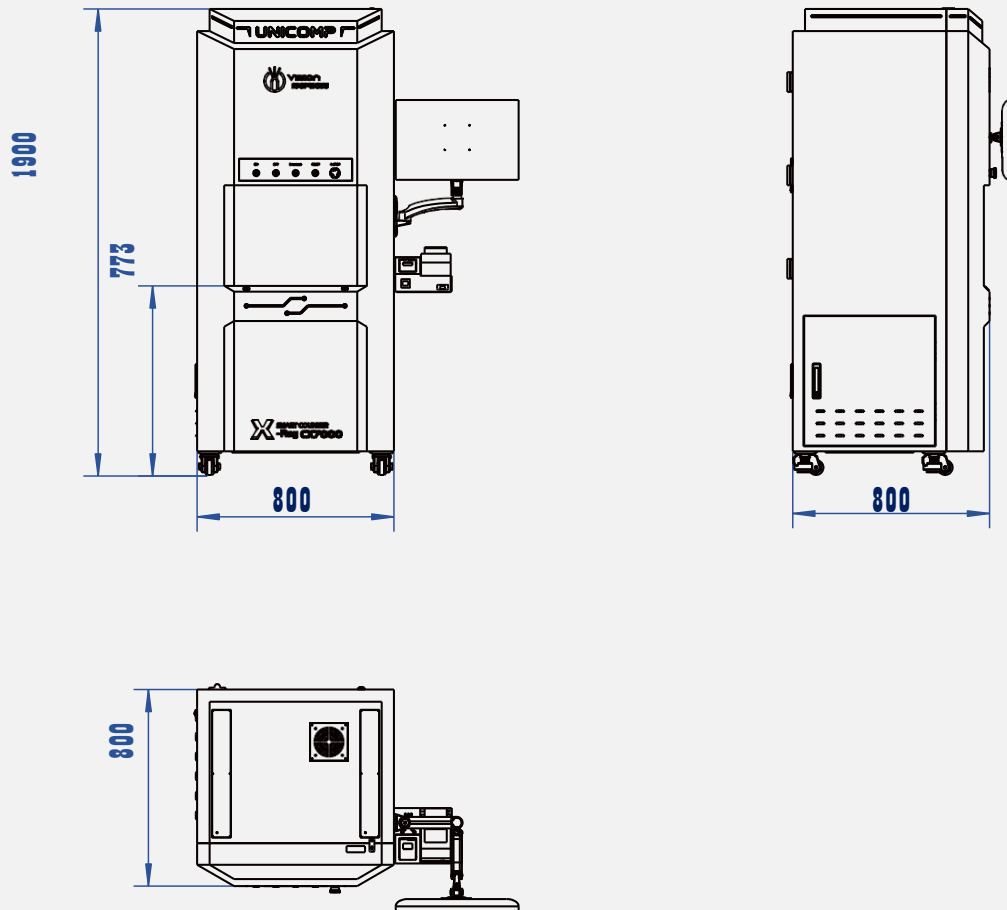
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