

RTX320

X-Ray Inspection Equipment

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RTX320

Widely applied for BGA, CSP, Flip Chip, LED, Fuse, Diode, PCB, Semiconductor, Battery Industry, Small Metal Casting, Electronic Connector Module, Cables, Aerospace Components, Photovoltaic Industry, etc.

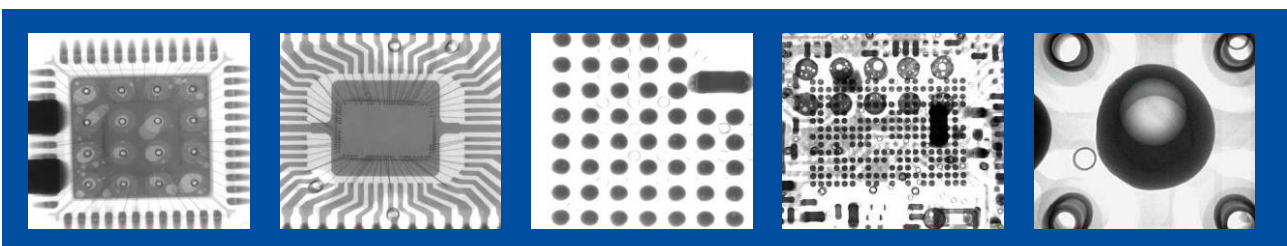
Application Fields



Functions and Features

<p>1 Large Size Inspection Table Laser Locator for Precise Location</p> 	<p>2 24" FHD Interactive Touch LCD Display</p> 	<p>3 Accurate Control, CNC Programming Automatic Positioning</p> 
<p>4 FPD 60° Tilting Inspection</p> 	<p>5 Fingerprint Access Management System Real-time Monitoring of Radiation</p> 	<p>6 Option 360° Rotation Table</p> 

Inspection Images



Technical Parameters and Specifications

System Summary

Footprint	1280(W)×1500(D)×1704(H)mm	Plywood Packing Size	1750(W)×1920(D)×2000(H)mm
Machine Weight	1450 kg	Packing Weight	1620 kg
Power Supply	AC 110/220V, 50/60Hz	Power Consumption	1.5 kW

X-Ray Tube

Tube Type	Sealed	Max. Power	8W
Voltage	0~90kV (Adjustable)	Focus Spot Size	5μm

Imaging Detector

Detector	Flat Panel Detector (FPD)	Pixel Size	84μm
Effective Detection Area	129*129mm	Frame Rates	30fps
Pixel Matrix	1536*1536	System Magnification	600X

Software

Auto-measuring	BGA Soldering Voids Auto-measuring and Support Data/Graphic Output
Multiple Measuring Tools	Support Measuring Distance, Angle, Diameter, Polygon, PTH filling rate, etc.
CNC Mode	CNC Programmable Inspection, Easy Operation and User Friendly
Real-time Display	Real-time Displaying the Working Data of Voltage, Current, Angle, Date, etc
Navigation	Convenient Target Point Positioning System

Motion Control System

Movement Control	Joystick, Keypad, Mouse & Touch Panel
Max. Loading Area/Weight	610*610mm / 10kg
Max. Inspection Area	Φ550*550mm
Oblique Views	Max. 60° (X-ray & Detector)
Sample Table	Φ380mm 360° rotation (optional)
Manipulator	6-axis with X / Y / Z1 / Z2 / T1 / T2

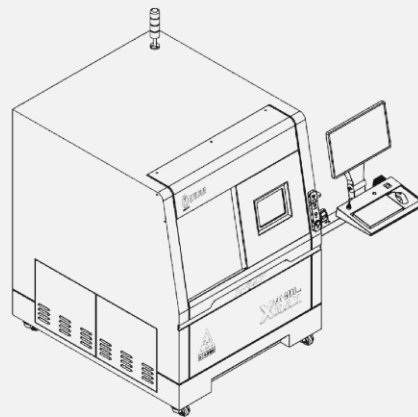
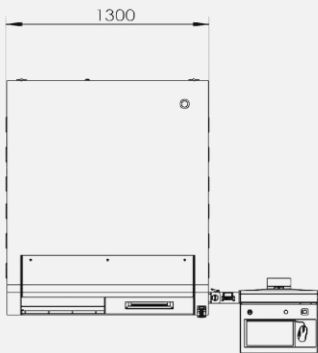
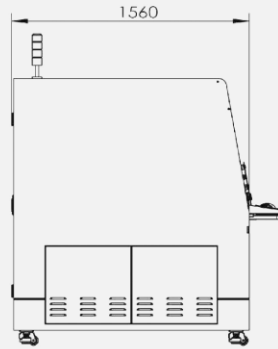
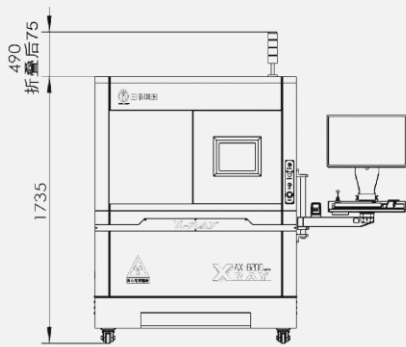
Industrial PC

Monitor	24" FHD Interactive Touch LCD Display
System OS	Windows 10 64bit
Hard disk	1TB
RAM	16GB
CPU model	Intel i7 Processor

Other Features

Door Open	Electric Sliding	X-Ray Safety	<1μSv/h (Meets All International Standards)
Authority Management	Fingerprint Access Management System, and Support Password Accessing.	Safety Operation	Electromagnetic Interlock, Warning Light and Real-time Radiation Leakage Monitor

Dimensions and Appearance



Corporate Office

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Factory

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