



Unicomp Technology

A Leader in the Intelligent X-Ray  
Inspection Equipment

# AX7900

X-Ray Inspection Equipment



<http://en.unicomp.cn>

# AX7900



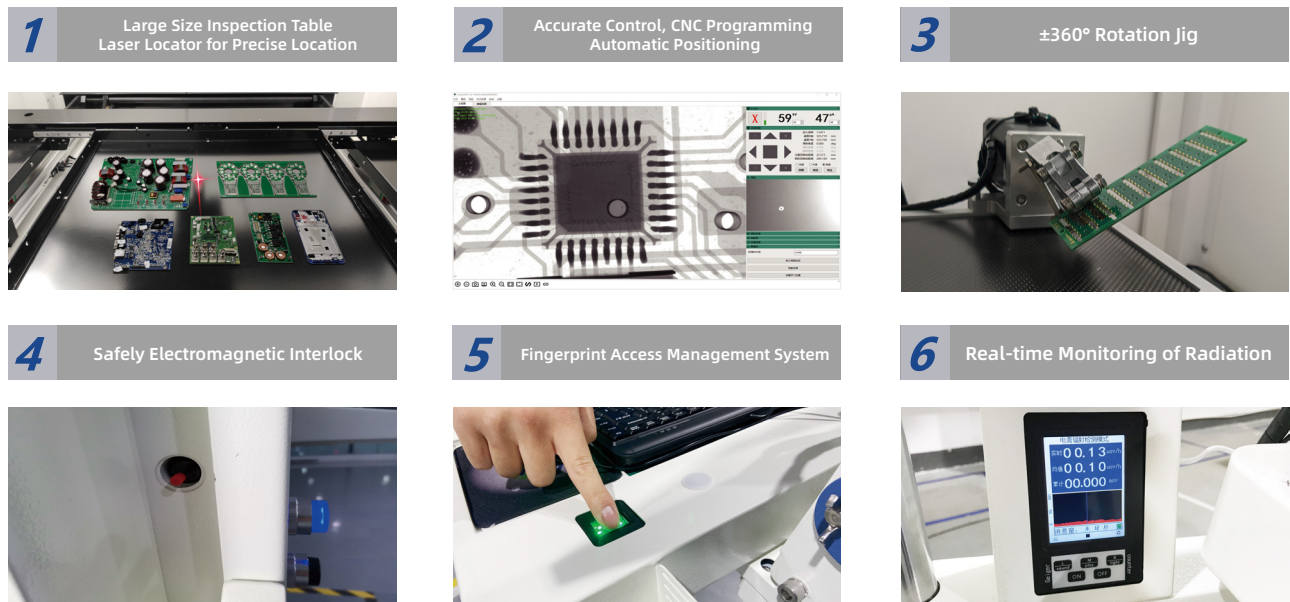
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Widely applied for BGA , CSP , Flip Chip, LED , Fuse, Diode, PCB, Semiconductor, Battery Industry, Small Metal Casting, Electronic Connector Module, Cables, Aerospace Components, Photovoltaic Industry, etc.

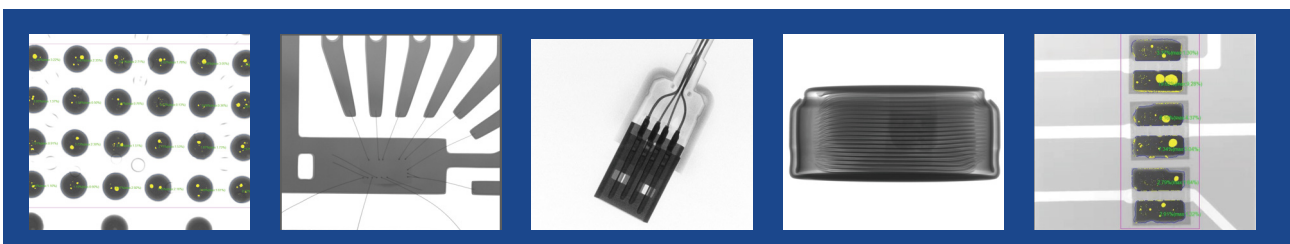
## Application Fields



## Functions and Features



## Inspection Images





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## Technical Parameters and Specifications

### System Summary

Footprint	1100(W)×1100(D)×1500(H)mm	Plywood Packing Size	135(W)×135(D)×180(H)cm
Machine Weight	1100 kg	Packing Weight	1300 kg
Power Supply	AC 110~220V, 50/60Hz	Power Consumption	1.0 kW

### X-Ray Tube

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

### Imaging System

Detector	Flat Panel Detector (FPD)	Pixel Size	85µm
Effective Detection Area	65*65mm	Frame Rates	40fps
Pixel Matrix	768*768	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
Max. Loading Area/Weight	520*420mm / 5kg
Max. Inspection Area	460*400mm
Tilting Angle	±360°
Manipulator	5-axis with X / Y / Z1 / Z2 / T

### Industrial PC

Monitor	24" FHD LCD Display
System OS	Windows 10 64bit
Hard disk	1TB
RAM	8GB
CPU model	Intel i7 Processor

### Other Features

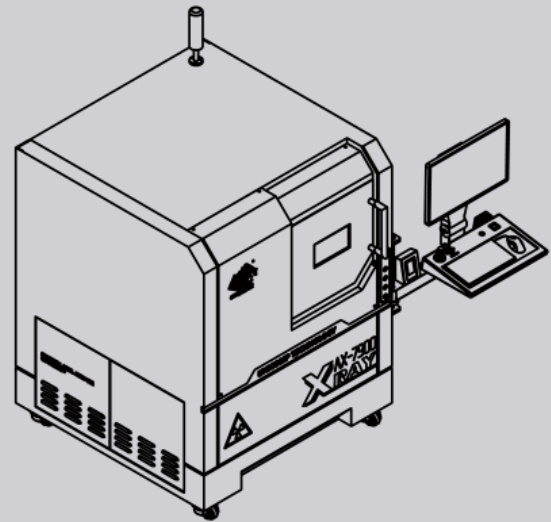
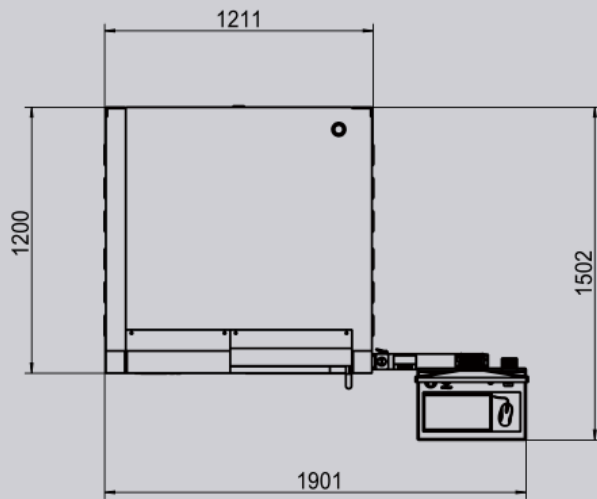
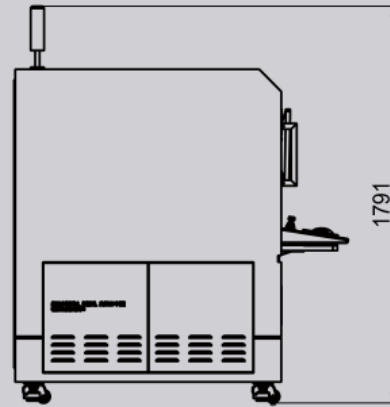
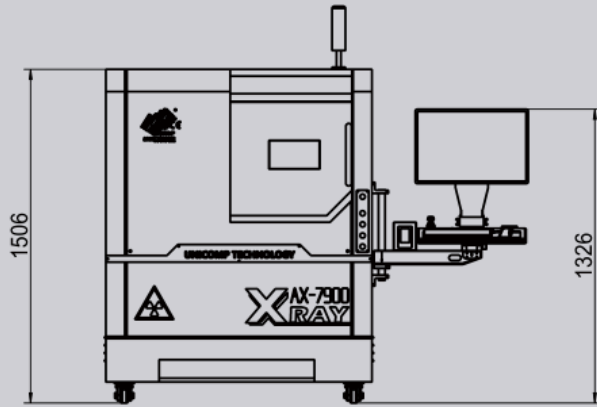
Energy Saving	X-Ray Auto-off when it's out of work over than 5 minutes	X-Ray Safety	<1µSv/h (Meets All International Standards)
Authority Management	Fingerprint Access Management System, and Support Password Accessing.	Safety Operation	Electromagnetic Interlock, Warning Light and Real-time Radioation Leakage Monitor

\* Specifications are subject to change without notice, All trademarks are the property of the system maker.

## Dimensions and Appearance



Scan the QR-Code to visit more information



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