AX8500

X-Ray Inspection Equipment
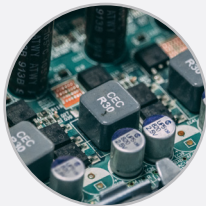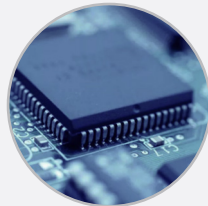
AX8500

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.
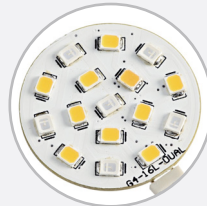
Application Fields

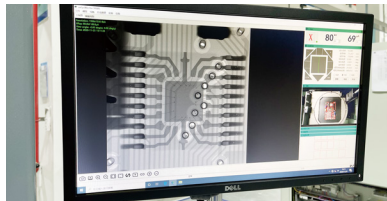| SMT/PCBA Inspection | Semiconductor Inspection | Lithium Batteries Inspection | LED Inspection | Photovoltaic Inspection |

Functions and Features

1 Large Size Inspection Table with 360° rotation Laser Locator for Precise Location
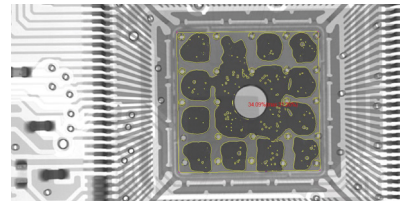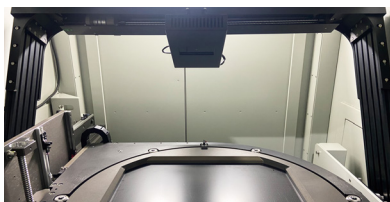
2 Maganification (1000X)

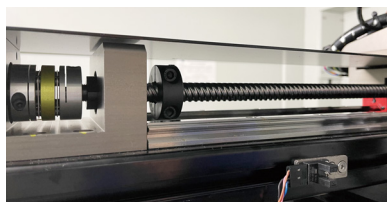**3** Accurate Control, CNC Programming Automatic Positioning

4 FPD 55° Tilting Inspection

5 6-Axis Movement
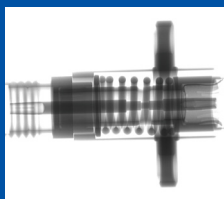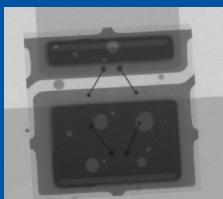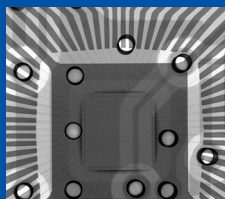
6 Adjustable Console

Inspection Images

Technical Parameters and Specifications

System Summary

Footprint	1370(W)×1300(D)×1700(H)mm	Plywood Packing Size	1600(W)×1600(D)×2000(H)mm
Machine Weight	1670 kg	Packing Weight	1920 kg
Power Supply	AC 110~220V, 50/60Hz	Power Consumption	2.0 kW

X-Ray Tube

Tube Type	Sealed	Max. Power	25W
Voltage	0~110kV (Adjustable)	Focus Spot Size	5µm

Imaging System

Detector	Flat Panel Detector (FPD)	Pixel Size	85µm
Effective Detection Area	130*130mm	Frame Rates	20fps
Pixel Matrix	1536*1536	System Magnification	1000X

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	Φ570mm / 10kg
Max. Inspection Area	450*450mm
Oblique Views	Max. 55° Filting (FPD) / 360° Rotation (Table)
Manipulator	6-axis with X1 / X2 / Y / Z1 / T (55°) /R (360°)

Industrial PC

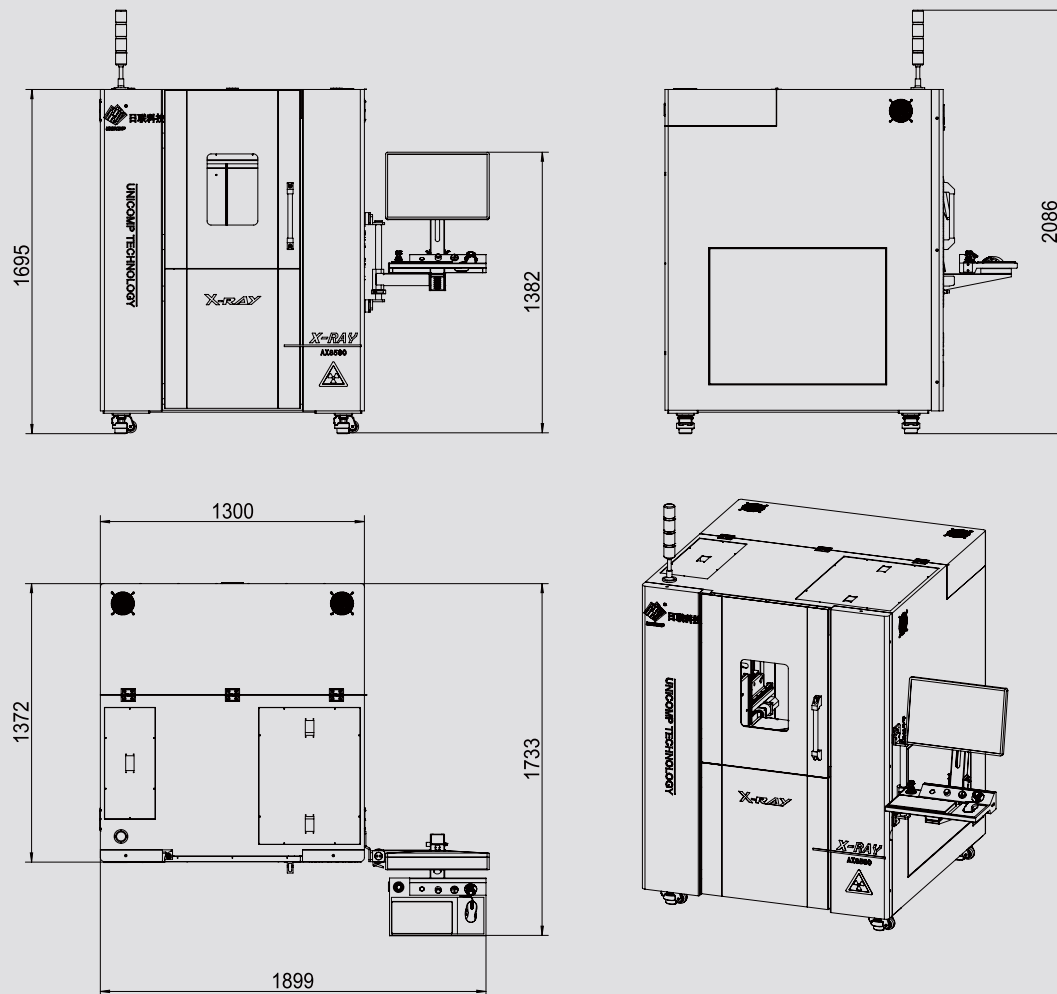|	
Monitor	21.5'' FHD LCD Display
System OS	Windows 10 64bit
Hard disk	1TB
RAM	8GB
CPU model	Intel i7 Processor

Other Features

Energy Saving	X-Ray Auto-off when it's out of work over than 5 minutes	Safety Operation	Electromagnetic Interlock, Warning Light
Authority Management	Password Management	X-Ray Safety	<1µSv/h (Meets All International Standards)

LOT No.20230706

Dimensions and Appearance

Scan the QR-Code to visit more information

1695

UNICOMP TECHNOLOGY

X-RAY

X-RAY
AX8500

1382

2086

1300

1372

1733

1899