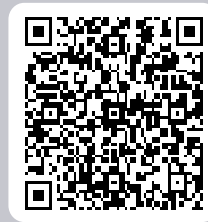


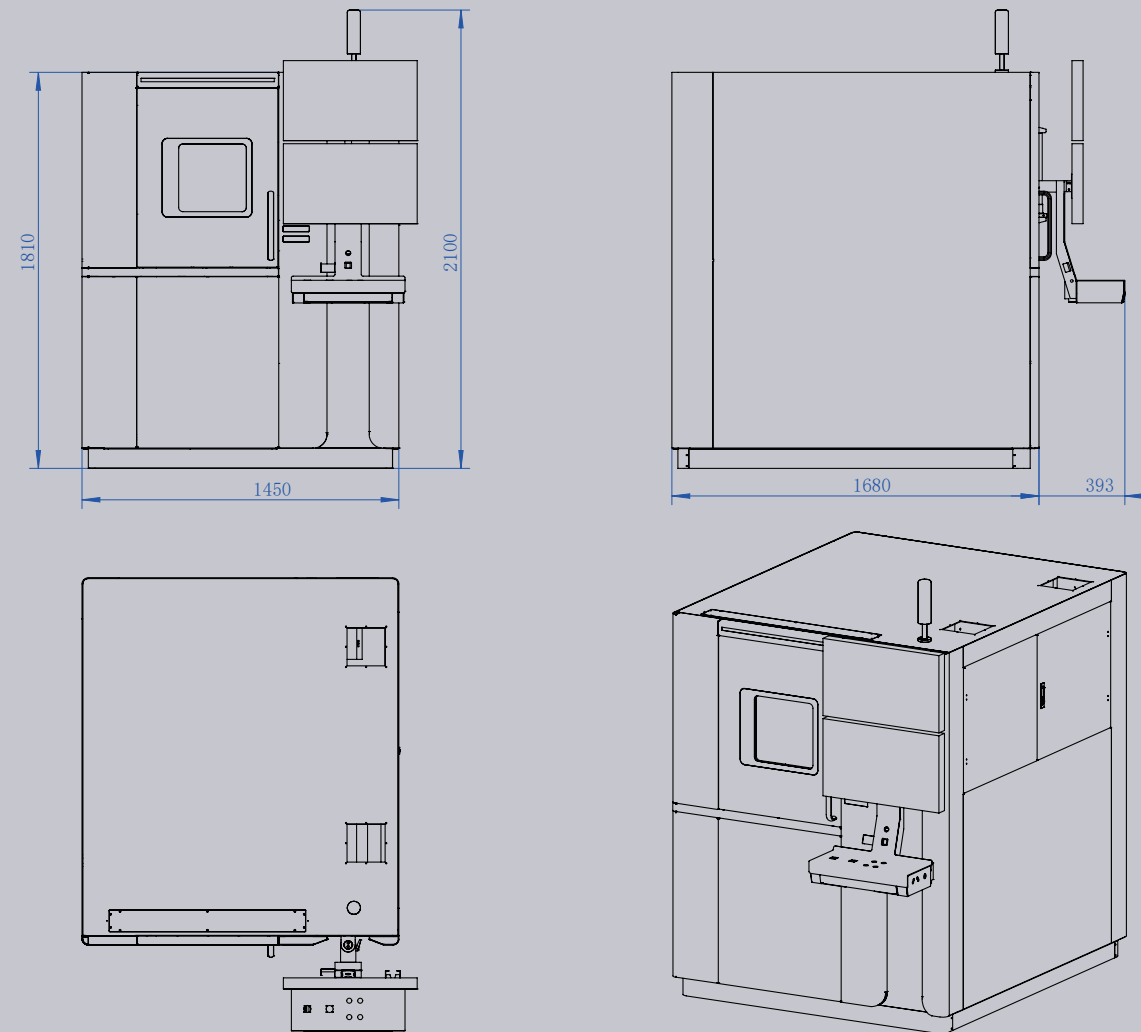
Dimensions and Appearance



X-Ray Equipment Manufacturer &
Solution Provider

AX9100MAX

X-Ray Inspection Equipment



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www.global-xray.com


www.unicomp.cn

AX9100MAX




A Leader in the Intelligent X-ray Inspection Equipment


Application Fields



Semiconductor/SMT/DIP/Electronic component Inspection




IC/BGA/CSP/flip chip Multiple packaging Inspection



Lithium battery Inspection

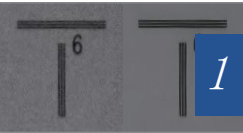


Auto parts/ aluminum castings detection




Photovoltaic, molded plastics, ceramic products and other special industry detection

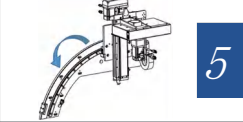
Functions and Features




1 The software comes standard with Algorithms For Image Super-Resolution Reconstruction, Improve image quality




3 Strong penetrating X-ray Tube with high resolution FPD



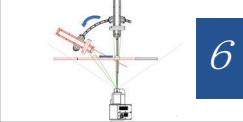
5 The FPD has a maximum tilt of 60°



2 High-speed CNC function for batch automatic inspection

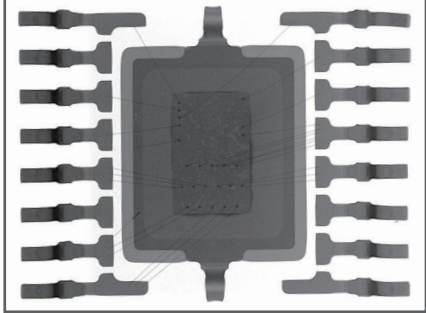


4 Double joysticks control, improve the convenience of operation




6 Set point tilting image follow function

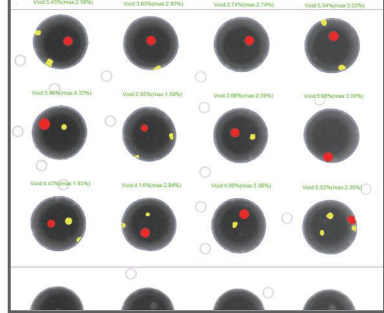
Inspection Images



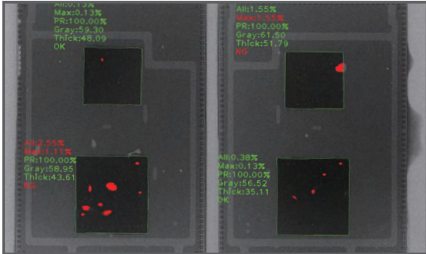
IC



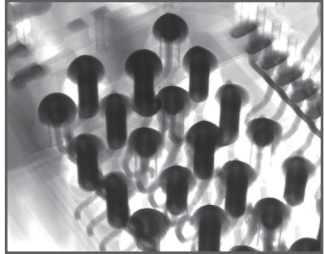
Cylindrical cell



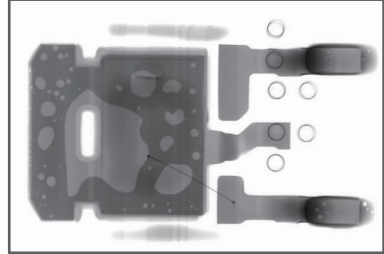
BGA



IGBT



Climbing Tin Height



MOS

Technical Parameters and Specifications

| System Summary | | | |
|---------------------|---------------------------|----------------------|------------|
| Dimension | 1680(W)×1450(D)×1850(H)mm | Packaging Weight | 2800kg |
| Weight | 2500kg | Power Supply | 220AC/50Hz |
| Packaging Dimension | 1950(W)×1710(D)×1875(H)mm | Power Consumption | 3.5kW |
| X-ray Tube Type | sealed type | Maximum Power Output | 65W |
| Current | 130kV | Minimum focal spot | ≤8μm |
| Detector | High Resolution FPD | Pixel Size | 85μm |
| Pixel Matrix | 1536*1536[pixel] | MAX Magnification | 1600X |

| Imaging System | |
|--|---|
| One-click zoom | Fast automatic location of ROI region |
| Set point tilting image follow function | When the tilt axis is moved alone, the desktop automatically follows |
| Algorithms For Image Super-Resolution Reconstruction | One-click intelligence to improve the overall clarity of the image |
| Automatic comparison function | One-click intelligence adjust the overall image contrast |
| Variety of filter processing algorithms | Includes sharpening, enhancement, color reversal, denoising image preprocessing functions |

| Motion Control System | |
|-------------------------|----------------------------------|
| Motion Control Method | Mouse & Keyboard & Dual joystick |
| Maximum Loading Size | Φ620[mm] |
| Maximum Inspection Size | 600*450[mm] |
| Tilting Inspection | Maximum Rotating Swing Arm 60° |
| Objective Stage | Horizontal Rotation 360° |

| Industrial PC | |
|------------------|-------------------|
| Display | 27 "4K HD display |
| Operating System | Windows10 64 |
| Hard Disk | 1TB |
| Memory | 16G |
| CPU | i7 |

| Other Features | | | |
|----------------|----------|--------|---------|
| Opening Mode | Manually | Safety | <1μSv/h |

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