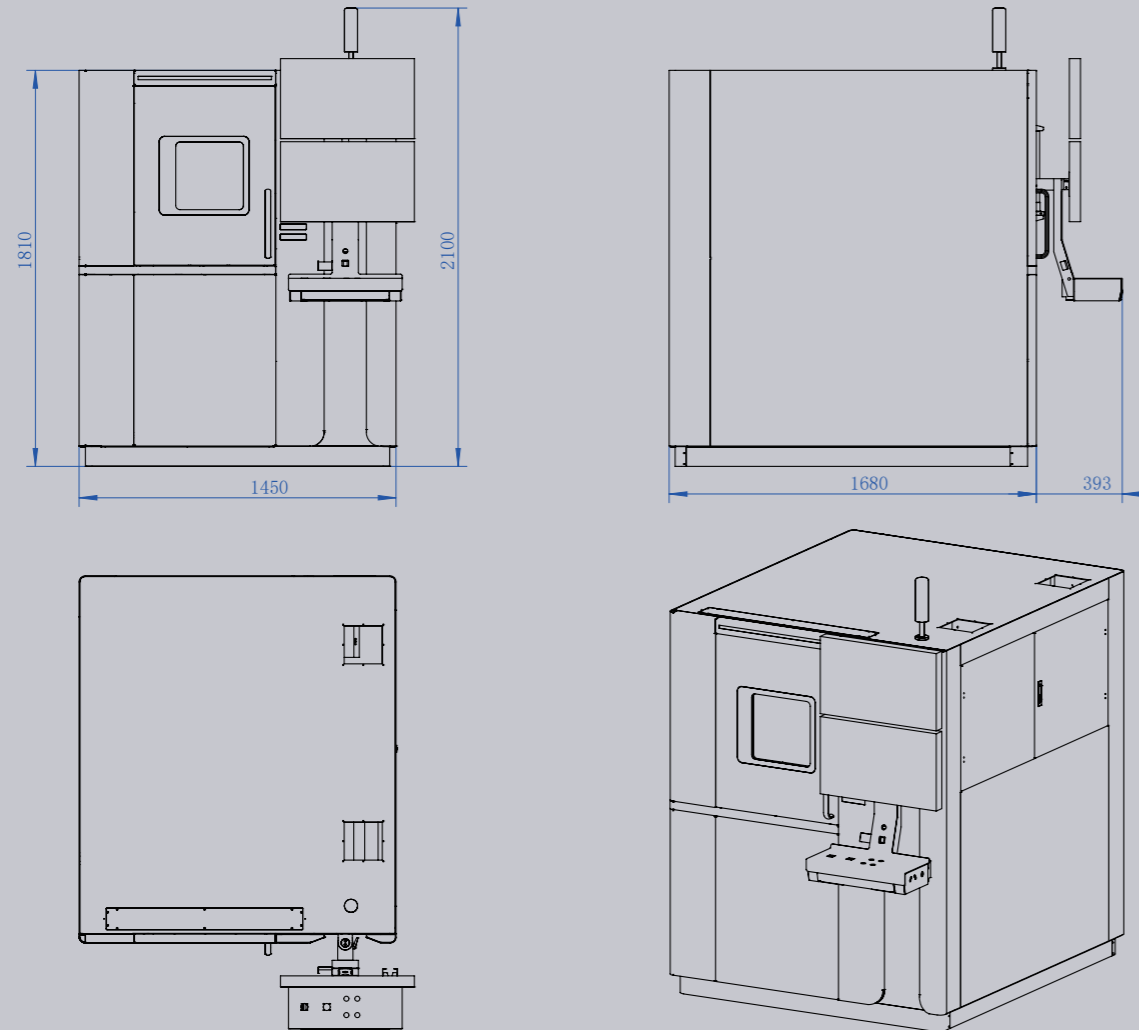


## Dimensions and Appearance



X-Ray Equipment Manufacturer &  
Solution Provider



# AX9100MAX

X-Ray Inspection Equipment



### UNICOMP TECHNOLOGY CORPORATE:

#### Wuxi Unicomp Technology Co., Ltd (HQ)

No. 11, Lijiang Road, Xinwu District, Wuxi City, Jiangsu Province, P.R.C.

Zip Code: 214112

TEL: +86-510-68506688

FAX: +86-510-81816018

#### Shenzhen Unicomp Technology Co., Ltd

Building 2A, Baoxin Technology Park, Guangyuan 5<sup>th</sup> Road, Guangming District, Shenzhen, Guangdong Province P.R.C. Zip:518107

TEL: +86-755-26650316

FAX: +86-755-26650296

#### Chongqing Unicomp Technology Co., Ltd

1<sup>st</sup> Building, No.23 Fushun Blvd, Biquan Street, Bishan District, ChongQing, P.R.C.

Zip Code: 402760

TEL: +86-23-63226131

FAX: +86-23-63228366

[www.global-xray.com](http://www.global-xray.com)

[www.unicomp.cn](http://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

	<b>1</b> The software comes standard with Algorithms For Image Super-Resolution Reconstruction, Improve image quality		<b>2</b> High-speed CNC function for batch automatic inspection
	<b>3</b> Strong penetrating X-ray Tube with high resolution FPD		<b>4</b> Double joysticks control, improve the convenience of operation
	<b>5</b> The FPD has a maximum tilt of 60°		<b>6</b> 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.