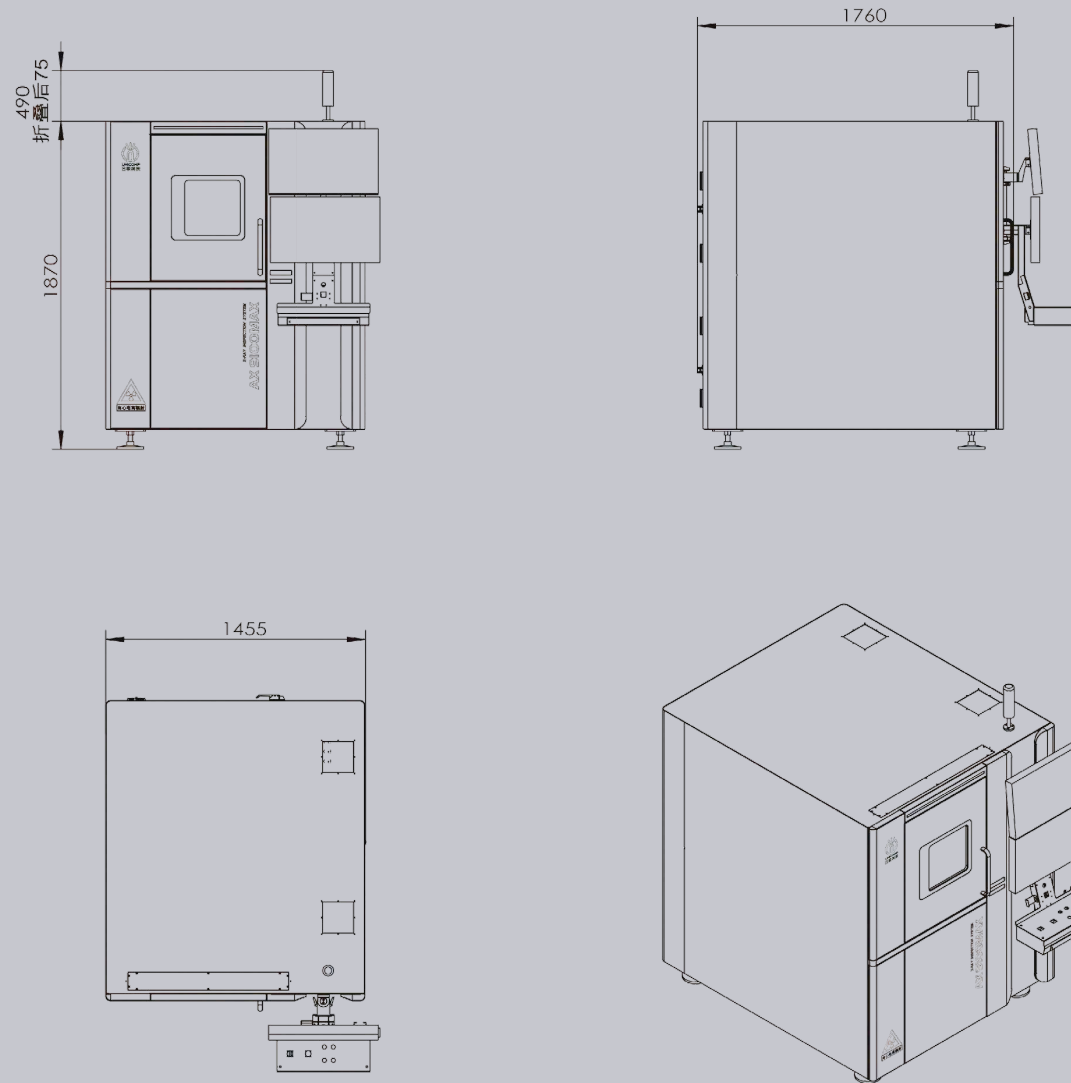




Industrial CT & X-ray
Inspection Solutions Provider

Dimensions and Appearance



AX9100MAX

X-Ray Inspection Equipment



UNICOMP TECHNOLOGY CORPORATE:

Wuxi Unicom Technology Co., Ltd (HQ)

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

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TEL: +86-510-68506688 FAX: +86-510-81816018

Shenzhen Unicom Technology Co., Ltd

Building 2A, Baoxin Technology Park, Guangyuan 5th Road, Guangming District, Shenzhen, Guangdong Province

P.R.C. Zip: 518107

TEL: +86-755-26650316 FAX: +86-755-26650296

Chongqing Unicom Technology Co., Ltd

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

Zip Code: 402760

TEL: +86-23-63226131 FAX: +86-23-63228366

Europe Unicom Technology Kft.

1122 Budapest, Maros utca 12, Hungary

RAY TECH (MALAYSIA) SDN.BHD.

No.2. Jalan SILC 4/1, Kawasan Perindustrian SILC, 79200, Iskandar Puteri, Johor, Malaysia.

www.global-xray.com
www.unicomp.cn

AX9100MAX



Industrial CT& X-ray
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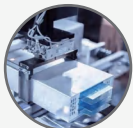
Application Fields



Semiconductor/SMT/DIP/Electronic Component Inspection



IC/BGA/CSP/flip Chip Multiple Packaging Inspection



Lithium Battery Inspection



Auto parts/ Aluminum Castings Detection

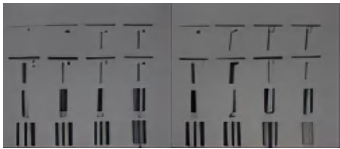


Photovoltaic, molded plastics, ceramic products and other special industry detection

Functions and Features

1

The Software Comes Standard With Algorithms or Image Super-Resolution Reconstruction, Improve Image Quality



2

CNC Mapping Programming Function For Panel & Batch Automatic Inspection



3

Auto-Navigation Positioning For Fast Images Capture



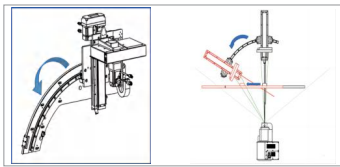
4

Twin joysticks, X-Y & Rotation control and Z Axis for Tilting & Magnification



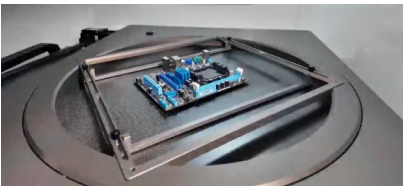
5

X-ray Source & FPD Tilting With Max. 60° Oblique View, Fixed-point Following Feature During Tilting to keep the images in center

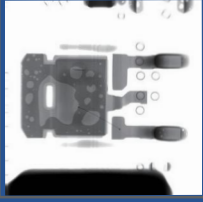
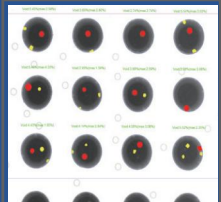
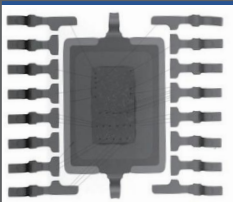


6

Large Size Inspection table, with 360° Rotation In Both Clockwise And Counterclockwise



Inspection Images



Technical Parameters and Specifications

System Summary

Footprint	1455(W)×1760(D)×1945(H)mm	Packaging Weight	2600kg
Machine Weight	2400kg	Power Supply	AC 110~220V, 50/60Hz
Packaging Dimension	2280(W)×1750(D)×2100(H)mm	Power Consumption	4kW

X-Ray Tube

X-ray Tube Type	sealed type	Maximum Power Output	65W
Voltage	0~130kV(Adjustable)	Minimum focal spot	≤7μm

Imaging Detector

Detector	High Resolution FPD	Pixel Size	84μm
Effective Detection Area	129*129mm	Frame Rates	20fps
Pixel	1536*1536	System Magnification	1600x

Software

One-click Zoom In & Out	Fast & Automatic Navigation of ROI Region
Fixed-point Following During FPD Tilting	Table Automatic Following While Axis Tilting Separately
Algorithms For Image Super-Resolution Reconstruction	Intelligently Improve The Overall Image Clarity With One-click
Automatic Images Comparison	Intelligently Adjust Overall Image Contrast With One-click
Variety of filter Processing Algorithms	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 60° (Tube & Detector)
Objective Stage	Horizontal Rotation 360°

Industrial PC

Monitor (Dual)	27 "4K HD display
Operating System	Windows10 64
Hard Disk	1TB
Memory	16G
CPU	i7

Other Features

Door Open Authority Management	Manually	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

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