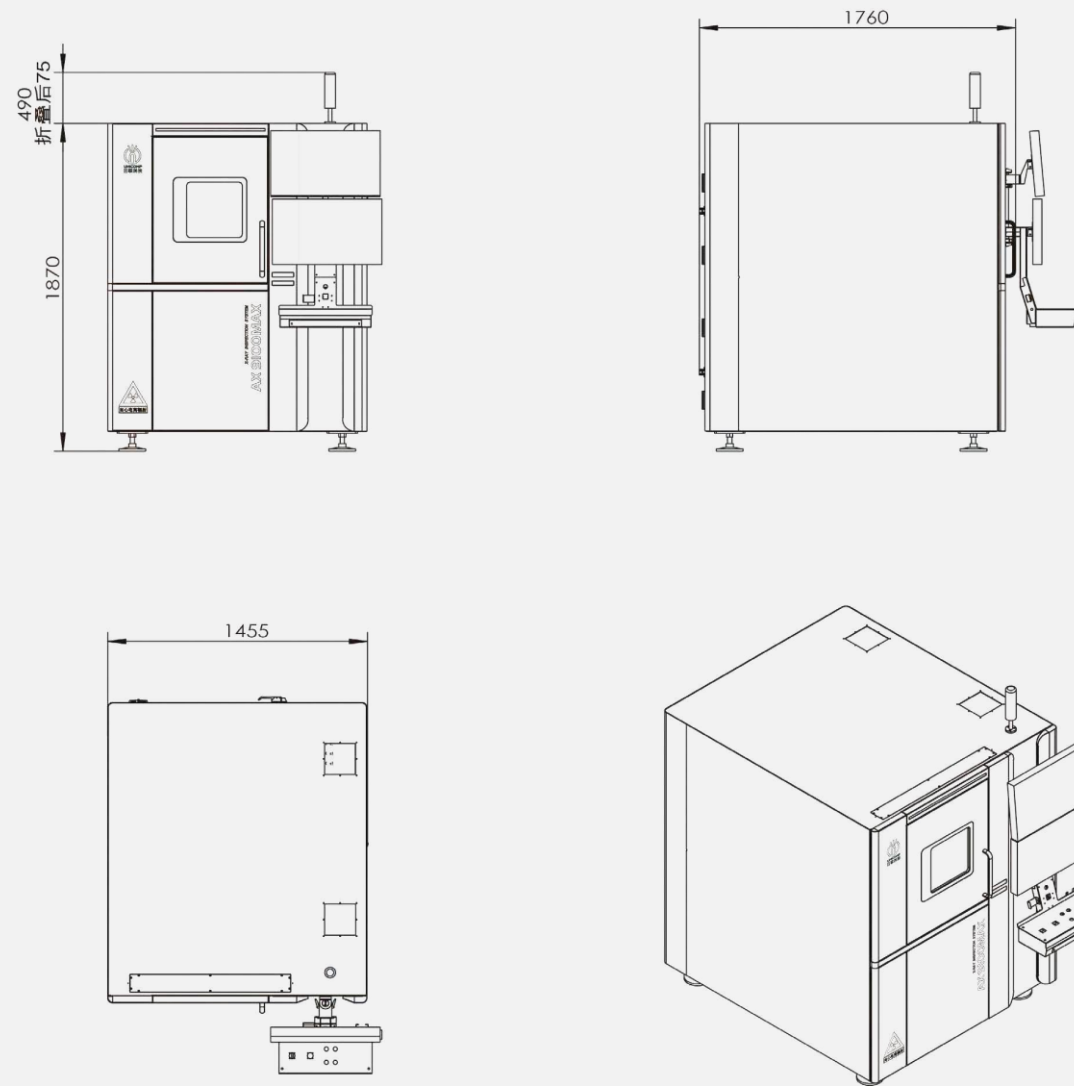


Dimensions and Appearance



RTX520

X-Ray Inspection Equipment



Corporate Office

RAY TECH SINGAPORE PTE LTD

1 Tai Seng Avenue #05-09 (Taiseng Exchange – Tower A)
Singapore 536464

Factory

RAY TECH (MALAYSIA) SDN BHD

2, Jalan SILC 4/1, Kawasan Perindustrian SILC, 7900 Iskandar Puteri, Johor,
Malaysia

RTX520



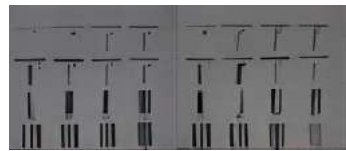
Micro-focus X-ray Technology

Application Fields



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



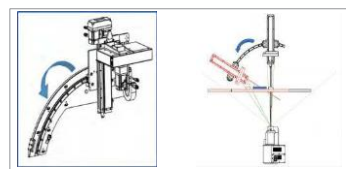
3 Auto-Navigation Positioning For Fast Images Capture



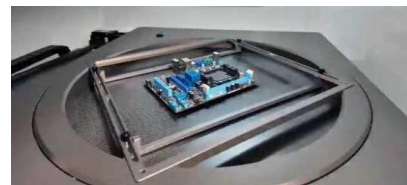
4 Twin joysticks, X-Y & Rotation control and Z Axis for Tilting & Magnification



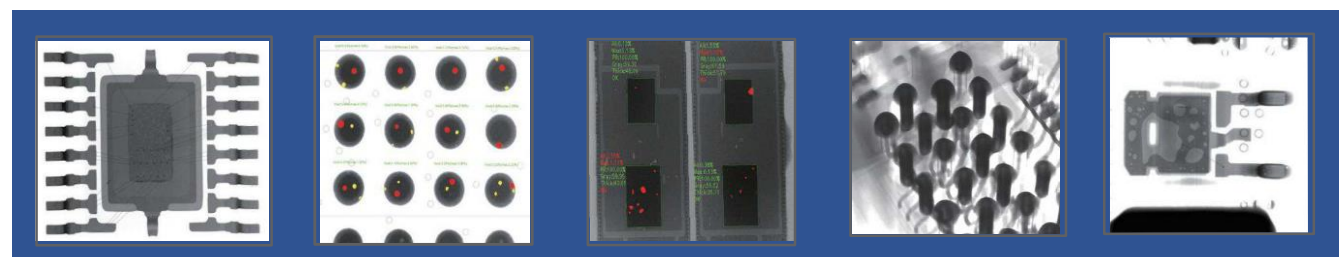
5 X-ray Source & FPD Tilting With Max. 60° Oblique View, Fixed-point Following Feature During Tilting to keep the images in center



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.