

X SPECTION 6600



Unleash the power of advanced imaging with our state-of-the-art Open Tube Xspection 6600 X-ray Inspection System, meticulously engineered to redefine the standards of precision and versatility in non-destructive testing. Boasting a robust 160 kV X-ray source and an impressive current of 1000 μ A, this system delivers unparalleled imaging capabilities, ensuring even the most intricate details are captured with exceptional clarity. Our system tilts up to 65°, offering multi-angle viewing for comprehensive inspections. This adaptability ensures thorough analysis from various angles. With a spacious circumference of 2798mm, it accommodates diverse object sizes and configurations, leaving no imperfection unnoticed.

Precision and Focus:

Experience unmatched precision with our system's small focus spot size. This feature ensures pinpoint accuracy, perfect for meticulous tasks. Whether it's quality control in manufacturing or detailed research in materials science, our high-resolution imaging exceeds expectations, capturing even the tiniest details.

Example of IC Bonding

The NEW Xspection 6600 X-Ray Inspection System fully-integrated 160Kv Open Tube . Its innovative 160Kv Open Tube not only ensures exceptional image quality but also provides a comprehensive solution for diverse inspection needs.



FEATURES

- Fully integrated 160kV open tube
- Spot size down to 1 μ m
- Circumference of 2798mm / ϕ 890mm
- Geometric Magnification of 200x
- Tilting capabilities of up to 65°
- Self-learning AI software makes programming easy
- Superior imaging resolution
- Higher magnification
- Enhanced BGA tool reduces false alarms
- Industrial PC: Microsoft Windows 11

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Hardware	Table Size	ø35in (ø890mm)
	X, Y , Z-Axis Travel	700mm x 570mm x 300mm (28in x 22in x 12in)
	Inspection Area	700mm x 550mm (28in x 22in)
	Maximum Tilt	65°
	Inspection Speed	Servo XY
	Maximum X-Ray Power	160kV 1µm
	Resolution	1536px x 1536px
	Geometric Magnification	200x
	Optical Inspection Camera	20 Megapixel Color X2
Software	CNC Programmable	Yes
	Fiducial	Yes
	Void Percentage Calc.	Yes
	BGA Measuring	Yes
	X-Ray Compressor	Optional
	Barcode	Optional (Optical Cameral)
	Offline Programming	Optional
	Repair Station	Optional
	Windows 11 Ready	Yes
	Dimension	1930mm x 1900mm x 1880mm (with light 2210 76in x 75in x 74in (with light 87)
	Weight	3000kg
	Electric	AC 110-240V VAC 50-60Hz

