

XL6500

XL6500 is a SMT inline micro-focus X-ray inspection equipment for electronic assemblies. It can be directly connected to the SMT production line, or it can be used offline with the conveyor machines. Fully automatic judgment inspection is performed for the characteristic area of the PCB board or the specified device



Product Features

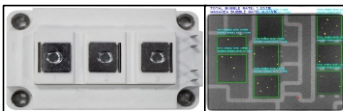
- ▶ Fully automatic inline inspection of LED chip packaging
- ▶ Automatic inline inspection of IGBT chips
- ▶ IC BGA. Fully automatic in-line inspection of semiconductor devices, SMT and PTU packaging, sensors, etc.
- ▶ Automatic inline inspection of large size PCB boards and PCBA soldering points
- ▶ Simple operation of template setting, guaranteed safe operation

Product Parameters

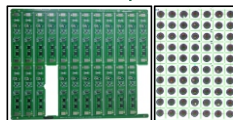
Model No.		XL6500
X-Ray Tube	X-Ray Tube Type	Reflective sealed micro-focus X-ray source
	Tube Voltage	40-90KV/40-130KV
	Tube Current	10-200μA/10-300μA
	Maximum Output Power	8W/39W
	Micro Focus Size	5-15μm
Flat Panel Detector	Flat Panel Type	Amorphous Silicon Flat Panel Detector
	Pixel Matrix	1536x1536
	Field of View	130mmx130mm
	Resolution	5.8Lp/mm
	Image Frame Rate (1x1)	20fps
	AD Conversion Digits	16bits
Equipment Specifications	Input Power	220V 10A/110V 15A 50-60Hz
	Operation System	Industrial Computer Win7 (Win10 optional) 64bits
	Platform Size	510mm×650mm
	Dimensions	L1600mm×W1700mm×H2100mm
	Net Weight	About 2350 KG

Application Cases

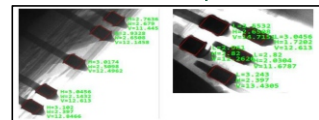
IGBT Module Inline Inspection



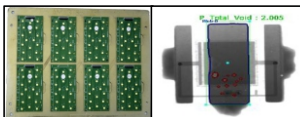
SMT Driver Board Inline Inspection



Inline inspection of tin penetration ratio of automotive power modules



LED light board inline detection



QR code inline Inspection



Inline inspection of PCB drilling alignment

