

XSPECTION 3120

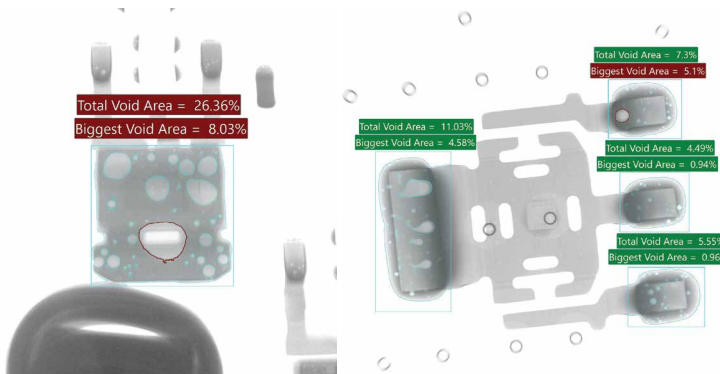


The Xspection 3120 comprises specialized X-ray inspection systems explicitly engineered for the examination of long circuit boards such as those used in LED and Electric Vehicle (EV) battery controller boards.

The operational tempo for these inspection systems is notably efficient, averaging approximately one second per inspection point.

The system is optimally designed to detect and analyze voids in LED and automotive Printed Circuit Boards (PCBs). It is capable of performing either intermittent or exhaustive, 100% inspections, thereby catering to a broad spectrum of quality assurance requirements.

Defects Detection



FEATURES

- Fully integrated, 90kV or 130kV high power micro-focus closed x-ray tube
- Automatic programming of fiducial & barcode inspection
- Tilting capabilities of 45°
- Accurate void percentage calculated with AI
- Industrial PC: Microsoft Windows 11

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Hardware	Maximum Length	1200 mm/48 in
	Maximum Width	600 mm/23.6 in
	Inspection Speed	1 S/field of view
	Maximum X-Ray Power	90 kV/130 kV
	X-Ray Flat Panel Detector	5" x 5"
	Magnification	300 X
	Tall Board Configuration	Optional
	SMEMA Ready	Yes
	Maximum Tilt	45° (Optional)
	CNC Programmable	Yes
	Fiducial	Yes
Software	Void Percentage calc. (auto)	Yes
	Barcode	Optional
	Offline Programming	Optional
	Repair Station	Optional
	Discrepancy Comparator	Optional
	Windows 11 Ready	Yes
Dimensions	Dimensions	2214 mm X 2342 mm X 1880 mm
	Weight	2500 kg
	Electric	3 kW

