DJK Europe GmbH

X-eye 6200

SMT 2D in-line AXI

Major Features:

- Automated In-line 2D X-ray Inspection

- High detection of industrial demanding defect on PCBA

- Intuitive - Flexible Configuration, Easy to Program

- Fast Throughput

- Cost Effective

The Ultimate Solution for Auto X-ray Inspection

X-eye 6200 System provides complete automated in-line X-ray inspection of solder joints and other hidden component on PCB assemblies. With tray-to-tray conveyor configuration and processing capabilities to find defects, X-eye 6200 System's AXI technologies successfully deliver a variety of solutions meeting industrial demanding challenges.

X-eye 6200 System is intuitive to use, fast to create the inspection routine and built to high quality standards. With simple program creation and tuning, X-eye 6200 System increases the productivity of your inspection programming staff.

X-eye 6200 System's AXI solution offer a new level of In-line X-ray inspection performance to deliver the highest throughput and superior detection with a minimal of false calls.

Inspection Component

- BGA
- QFN / TR
- QFP
- Chip Component

Inspection Item

- Open / Short
- Insufficient / Excessive Solder
- Void
- Component Presence and Position

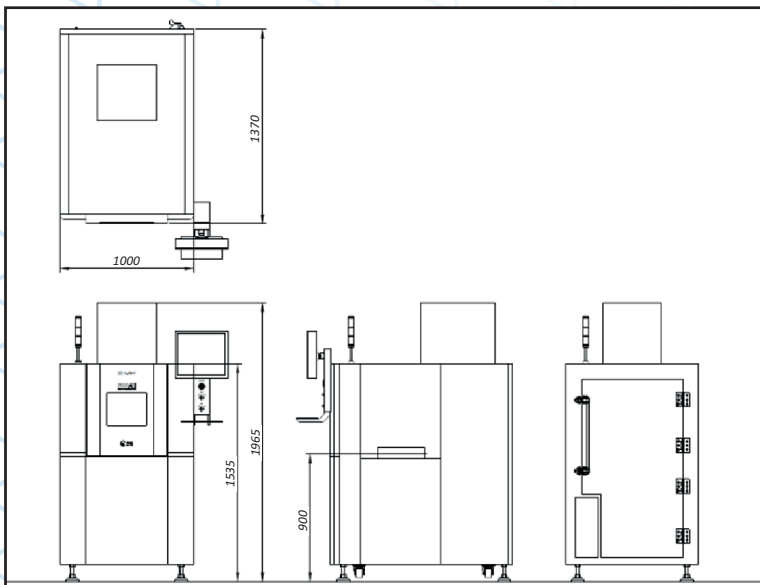### Application

- Hidden Solder Joint
- Shielded Component
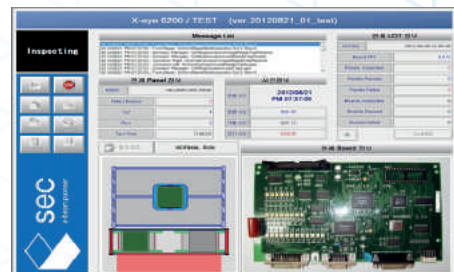
Major Specifications

Hardware	
X-ray Tube	100 kV Micro-focus In-line X-ray Tube (Sealed Type)
X-ray Detector	4/6" Digital Image Intensifier with Camera Integrated
PCB Transfer Height	900 ± 20 mm / 950 ± 20 mm

Inspection Capabilities	
Throughput	Max. 1200 sq. mm / sec
Inspection Size	Max. 330mm x 250mm / Thickness: Max. 3.0mm
Inspection Component	BGA, QFN, QFP, TR, Chip Components
Inspection Item	Open, Short, Insufficient / Excessive Solder, Void, Component Presence and Position

General	
Power Requirement	220VAC Single Phase, 50/60Hz
Dimension / Weight	1,000 (W) x 1,400 (D) x 1,500 (H) mm / 1,800 Kg
X-ray Safety	Leakage Dose less than 1uSv/hr

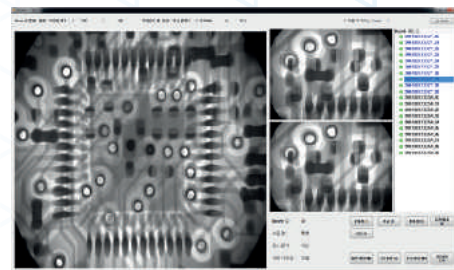*(Performance very depending on the inspected component and PBC.)*

Dimensions

Software

User Interface

Automated X-ray Inspection

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