



High Resolution X-Ray Inspection Machine

X-eye 5000A

- Best optimized high performance X-Ray inspection machine for SMT/PCB(Focus : 5 μ m, Tube Voltage : 90Kv)
- Biggest Applicable Work Table Size (Applicable Maximum PCB Board Size : 500mm x 400mm)
- High speed, High Efficiency Inspection Function by Auto Teaching
- Possible to customize system based on know-how of automatic machine developer.



→ We are willing to test your samples free, if you want to test your samples.

X-eye 5000A High Resolution X-Ray Inspection Machine

Specifications

Specification		
X-ray Tube	Focus size	5 μ m
	Tube voltage	Max. 90kV
	Tube current	Max. 250 μ A
	Max. power	10W
	Geometric enlargement ratio	2x to 100x
	Enlargement ratio on the monitor	111x to 300x
TV System	Aging(Preheating)	Automatic
	Image Intensifier	4 inch / 6 inch
Personal Computer	Monitor size	17 inch(XVGA/LCD)
	CPU	Intel Pentium IV Process
	OS	Windows 2000
	Printer	Color Printer
X-ray Shield box and others	Dimensions and weight	1175(W) x 1370(D) x 1900(H), 600kg
	Externally leaking dose	1 μ Sv / h or Less
	Power supply	AC220V \pm 10%, 50/60Hz

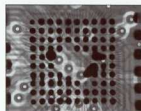
Defect Detected

- Insufficient Solder
- Void / Crack
- Bridge / Short
- Deformity
- Misalignment
- Missing
- Solder Ball

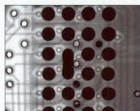
Application

- PCB / SMT
- BGA, CSP, Flip Chip, etc.
- Battery for Mobile Phone
- Automobile Part (Handle, Brake...)
- Al, Mg, Zn Die Casting
- Plastic Mold

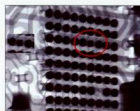
Sample Image



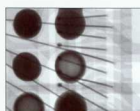
▲ Short



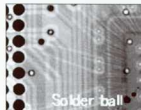
▲ Short



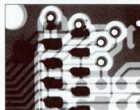
▲ Cold Solder



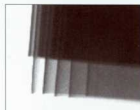
▲ Void



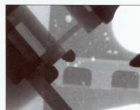
▲ Solder ball



▲ CSP



▲ Mobile Phone Battery



▲ Mg Die Casting

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