

High Resolution X-Ray Inspection Machine

X-eye 5000C

- High Resolution, High Performance X-Ray Inspection Machine (Focus : 5 μ m, Voltage : 90Kv)
- Largest Working Table Size (610mm x 510mm)
- Maximum Thickness 10mm of MLB Applicable
- Auto-Teaching, Data Base Management
- Automatic Calculation Function (Void, Solder Ball)
- 5 Axis Control (X, Y, Z, Rotation, Tilt)
- Perfect Safety Design (Triple Safety Design)
- External Leaking Dose (0.5 uSv/h or less)



X-eye 5000C High Resolution X-Ray System

Specifications

	Specification	Option	
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 110x	ZOOM System x10, x5
TV System	Aging(Preheating)	Automatic	
	Image Intensifier	4 inch / 6 inch	Flat Panel Detector
	Monitor size	17 inch(CRT)	
Personal Computer	CPU	Intel Pentium IV Process	
	OS	Windows 2000	
	Printer	Color Printer	
	Dimensions and weight	1180(W) x 1370(D) x 1960(H), 700kg	
X-ray Shield box and others	Externally leaking dose	1 μ Sv / H or Less	
	Power supply	AC220V \pm 10%, 50/60Hz	

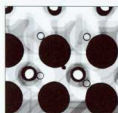
Defect Detected

- PCB MLB
- Small hold drilling
- Hole-pad alignment
- SMT
- Short / Bridge
- Void / Crack
- Misalignment
- Missing
- Solder Ball
- Deformity

Application

- PCB / SMT
- BGA, CSP, Flip Chip, etc.
- Battery for Mobile Phone
- Plastic Mold
- Electrical Component

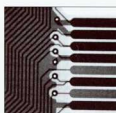
Sample Image



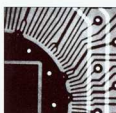
▲ BGA



▲ PCB Layer



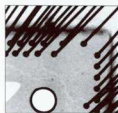
▲ PCB Pattern



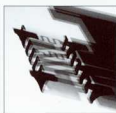
▲ PCB Pattern



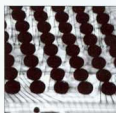
▲ PCB Rotation



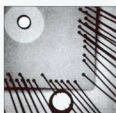
▲ Wire Bonding



▲ Tilt



▲ BGA Rotation



▲ Wire Bonding



▲ Test Pin

Website : www.eastco-hk.com

EASTCO LIMITED

儀 高 儀 器 有 限 公 司



香港總公司
香港新界荃灣沙咀道26-38號
匯力工業中心2樓26室
Tel : (852)2456 1823
Fax: (852) 2469 1767
E-mail: Info@eastco-hk.com
網絡實名: 儀高南儀器

中國公司
儀高南儀器(深圳)有限公司
中國深圳市八卦四路宏泰克大廈
3樓Y區 郵編: 518029
Tel : (86-755) 8241 3890
Fax: (86-755) 8241 3857
E-mail: shenzhen@eastco-hk.com

上海辦事處
中國上海市龍太路701號
18樓1810室
郵編: 200072
Tel : (86-21) 5653 6311
Fax: (86-21) 5653 6309
E-mail: shanghai@eastco-hk.com