SMT X-ray ETA-8200L

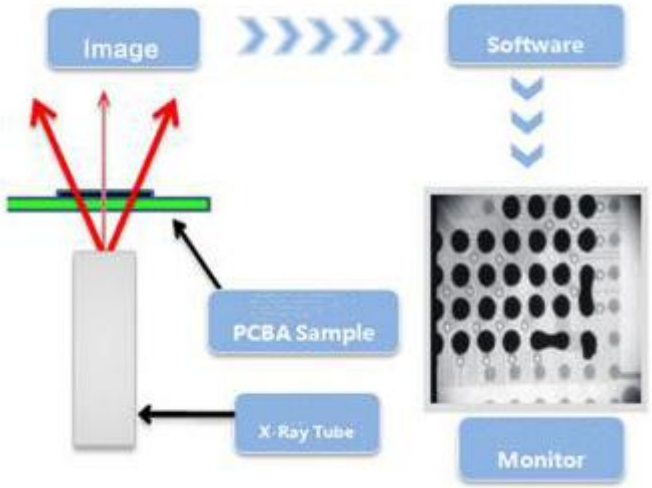
Introduce:

The ETA-8200L machine is designed to provide high resolution x-ray imaging primarily for the electronics industry. This versatile system is effective for many applications within the PCB manufacturing process. This includes BGA, CSP, QFN, Flip Chip, COB and the wide range of SMT components. The ETA-8200L is a powerful support tool for process development, process monitoring and refinement of the rework operation.
Supported by a powerful and easy to use software interface, ETA-8200 is capable of addressing small and large volume factory requirements.

Application:

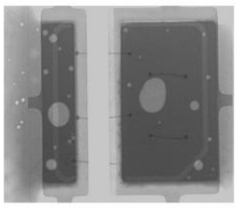
It's mainly used in light strip backlight detection, LED bubble detection, TV backlight LED strip detection; It can also be applied to BGA, CSP, Flip chip inspection, semiconductor, package element, electronic connector module testing, ceramic products,Aerospace components, photovoltaic industry, battery industry, etc.

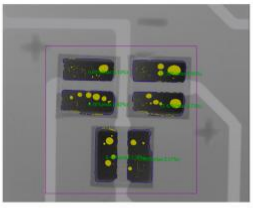
Features:

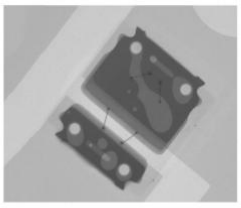


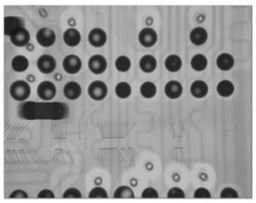
●5μm closed X-Ray tube, HD digital flat panel
●X-Ray tube & Detector motion up and down, friendly user interface and fast target point navigation system
●Max. loading area 1300 x 650mm,Max. inspection area1300 x 700mm ;600x Magnification
●Suitable for high-volume testing with high repeat accuracy
●Editable inspection program to realize CNC automatic inspection

Inspection Images:


LED


LED


LED


Bond Wires Inspection

Specificaiton:

Item	Definition	Specification
MACHINE STATUS	Size	1950mm(L) x1350mm(W) x 1750mm(H)mm
	Weight	3000KG
	Power	220AC/50Hz
	Power Consumption	1.0KW
X-ray Tube	Type	Closed
	Max.voltage	90kV (Optional 100kV. 130kV)
	Max. Power	8W
	Spot Size	5μm
X-ray System	Intensifier	HD Digital Flat Panel Detector/FPD
	Monitor	24-inch display
	Magnification	600x
Focus Region	Max.loading Size	1300 x 700mm
	Max.Inspection Area	1300 x 650mm
	X -ray Leakage	< 1μSv/h

X-Ray Safety: All X-ray machines manufactured by ETA Technology meet the FDA-CDRH Regulation CFR 21 1020.40 Subchapter J for cabinet x-ray systems. The FDA - CDRH standard for cabinet x-ray systems states that radiation emission will not exceed. 5millirem a /hr.2"from any external surface. Our machines (Leakage <1μSv/h) are typically 5-10 times less than the international standards.

Thanks for choosing ETA.

ETA looks forward to win-win cooperation.