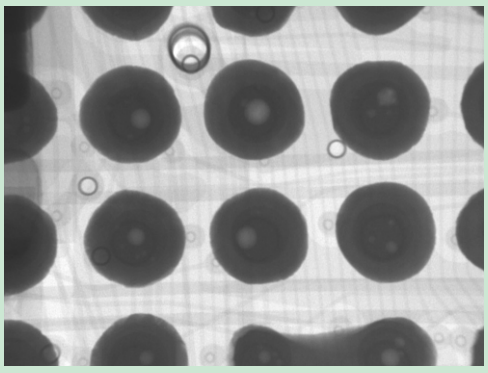
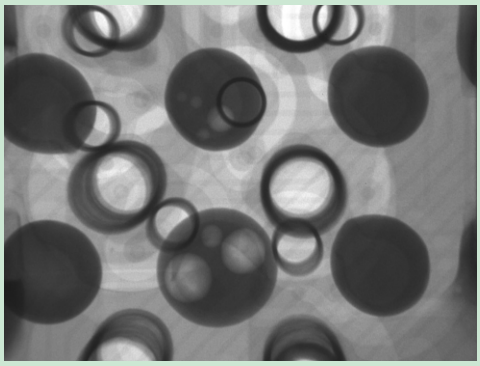
Resources Unlimited Co USA

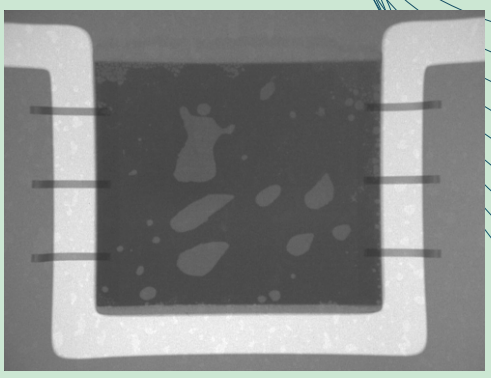
AX-8200



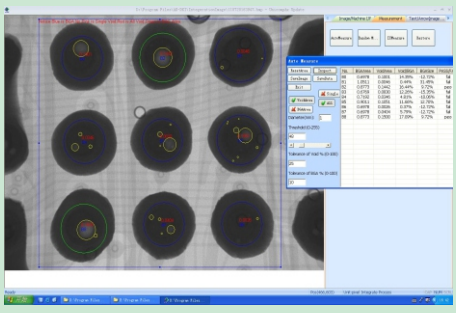
BGA Void X-Ray Image



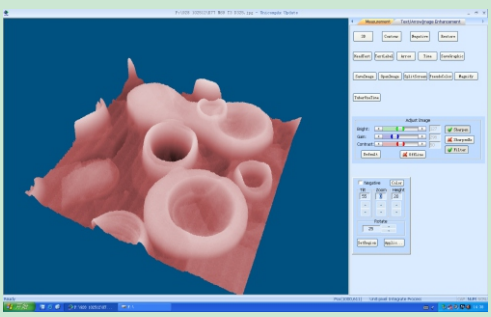
FBGA X-Ray Image



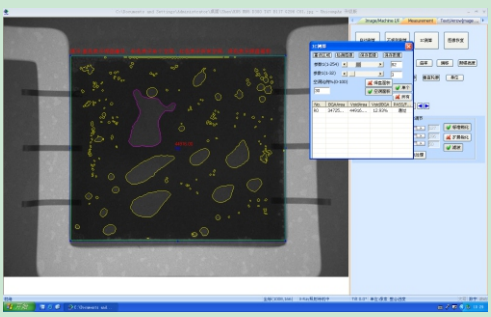
IC Void Image



BGA Void Measurement



FBGA 3D X-Ray Image



IC Void Measurement

www.rucousallc.com

Product Description

AX-8200

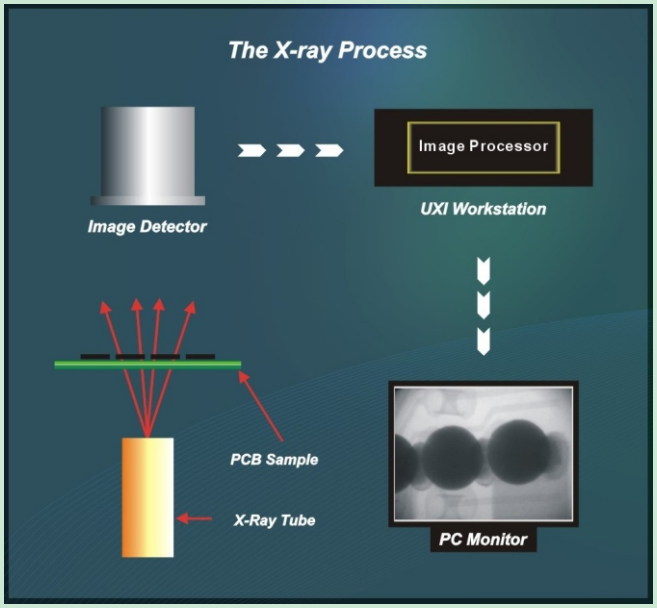
UNICOMP

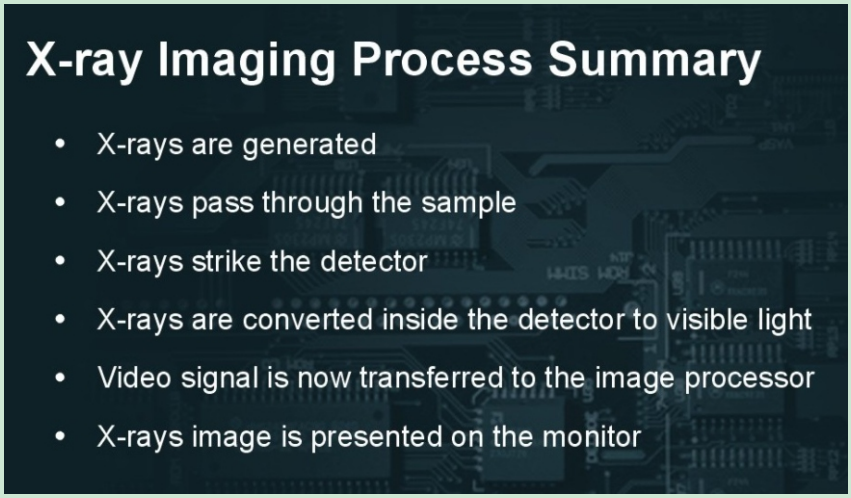
Specifications

X-ray Tube Type	Closed Tube/90kV/8 micron (typical)
Image Detector	4/2" II with 2MP digital camera
Magnification	Up to 250X
Maximum PCB Size	500 x 450mm
Tilt Range	+/- 70 degrees
Step and Repeat Programming	X/Y/Z
Image Processing Software	AX-DXI
X-ray Machine Safety	<1 micro Sv/hr (<.1mR/hr)
Machine Dimensions (WxDxH)	1080 x 1180 x 1730mm (800Kg)
Machine Line Voltage	100VAC-230VAC, 50/60Hz
Machine Power Consumption	0.5kW (max)

Applications

- **BGA:** Bridging, Voids, Opens(average), Excessive/Insufficient
- **CSP:** Bridging, Voids, Opens, Excessive/Insufficient
- **Flip Chip:** Bridging, Voids, Opens(marginal), Excessive/Insufficient
- **QFN:** Bridging, Voids, Opens, Registration
- **SMT Standard Components:** QFP, SOT, SOIC, Chips, Connectors, Others
- **Semiconductor:** Bond Wire, Die Attach Void, Mold Void
- **Multi-layer Board (MLB):** Inner Layer Registration, Pad Stack, Blind/Buried Vias





X-ray Safety Commitment: All x-ray machines manufactured by Unicomp 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 emissions will not exceed .5 millirem/hr. 2" from any external surface. Our machines are typically 15 times less emission.

Certificates of Compliance: FDA Accession Number: 1231200-000
CE Reference Number: CE 11710

UNICOMP

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