



The RTX-113 is designed for heavy production environments where X-ray is used to inspect PCBs and assembled PCBs containing advanced components such as BGAs, uBGAs and Flip Chips. The system is very versatile and features Glenbrook's patented, award-winning X-ray camera technology that generates high-resolution, high-sensitivity images, revealing defects as small as 0.001 inch with a full one inch diameter field of view.

The RTX-113 provides affordable real-time X-ray imaging, reliable operation and easy servicing.

*A unique X-ray inspection system,
designed for rapid, reliable inspection
of both multi-layer and assembled printed
circuit boards.*

Applications:

**Multi-layer PCBs
Small Hole Drilling
BGA Inspection
Backplane Boards**

Specifications:

42"H x 42"W x 24"D
Operating Voltage: 120v, 60hz or 220v, 50hz
Contrast Resolution: Can resolve .001 gold wire
Spatial Resolution: 20lp/mm
(with MicroTech™ option, up to 100lp/mm)
Anode Voltage: 35-52kV
Anode Current: 20-50 microamps (internal adjustment)
Focal Spot Size: 0.2mm
Focal Spot to Image Plane Distance: 4-6 inches
X-ray Activation Mode: foot pedal or timer switch

Options:

Image Processing/Advanced transfer capabilities
Video Printer
XRTV Zoom Camera (4X-50X magnification)
Micro-Tech™ 10-micron X-ray Source (225X)
Dual-Vu™ package for simultaneous x-ray and
visual inspection.
BGA and Void Measurement software
Manual/Motorized X-Y positioner
Variable Angle Viewing allows 45 degree viewing



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