

RTX-113™



RTX-113 with RTVA image processor.



RTX-113 with optional CPU image processor.

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:

Dimensions: 44"H x 42"W x 24"D

(1066.8mm x 1117.6mm x 609.8mm)

Operating Voltage: 120v, 60hz or 220v, 50 hz

Contrast Resolution: Can resolve .001 gold wire

Spatial Resolution: 20 lp/mm

(with MicroTech™ option, up to 100 lp/mm)

Anode Voltage: 35-52kV

Anode Current: 20-50 microamps

(internal adjustment)

Focal Spot to Image Plane Distance: 4-6 inches

X-ray Activation Mode: foot pedal or timer switch

Options:

- Image Processing/GTI-1000, GTI-3000, GTI-5000
- Video Printer
- Zoom Camera (4X-50X magnification)
- MicroTech™ 10-micron X-ray Source (225X)
- BGA and Void Measurement software
- X-Y positioner
- Variable Angle Viewing (VAV) allows 45 degree viewing

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.

