

# RTX-113

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

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.



RTX-113 with RTVA image processor

## Applications:

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

## Specifications:

- | 42"H x 42"W x 24"D (1066.8mm x 1066.8mm x 609.6mm)
- | **Operating Voltage:** 120v, 60hz or 220v, 50hz
- | **Contrast Resolution:** Can resolve .001 gold wire
- | **Spatial Resolution:** 20 lp/mm (with MicroTech<sup>®</sup>,  $\phi$  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