

RTX 113 Micro-30™

A High Magnification X-ray inspection System

Ideal for small hole drilling and assembled PC board inspection

The new RTX-113 Micro 30 X-ray Inspection System, with enormous capability, is compact enough to fit in a lab or on the production floor. The system employs a pc controlled 40 to 80 kV x-ray tube with 30 micron focal spot and our patented XRTV x-ray camera technology now enhanced with Crystal X Imaging for higher contrast. This combination advances our RTX Series for higher resolution and magnification requirements allowing up to 100x geometric and 225x optical magnification.

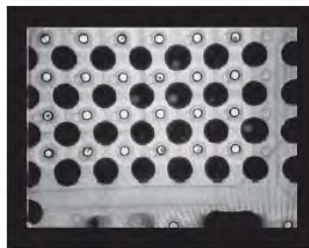


APPLICATIONS



Small Hole Drilling of PC Boards

Now inspect drilled holes as small as 4 mil. using geometric and optical magnification up to 225x. The x y drill offset can be accurately measured using our GTI-3000 image processing software.



BGA Inspection

Check for voids, opens, shorts and insufficient reflow. BGA Ball Size, Ball Roundness and Void Size can be measured using the advanced features of our GTI-5000 image processing software. It's ideal for quick process inspection for more advanced image analysis.



BGA Inspection

Quickly and easily inspect LED's for voids. Additional void measurement is available by using our GTI-5000-our image processing software for superior image analysis.

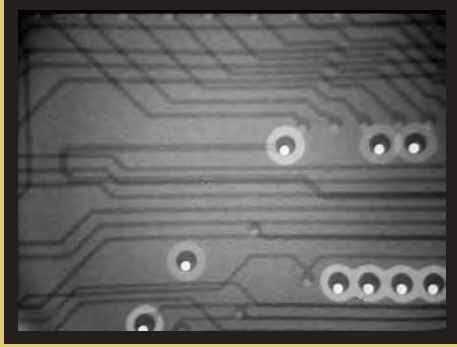
Phone: 973-361-8866
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www.glenbrooktech.com

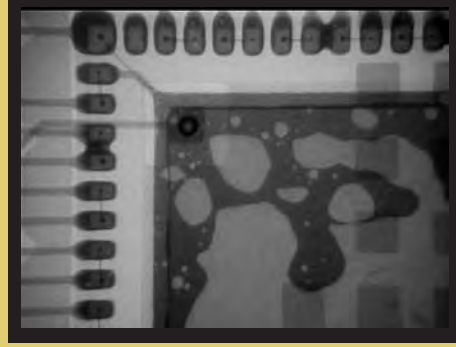


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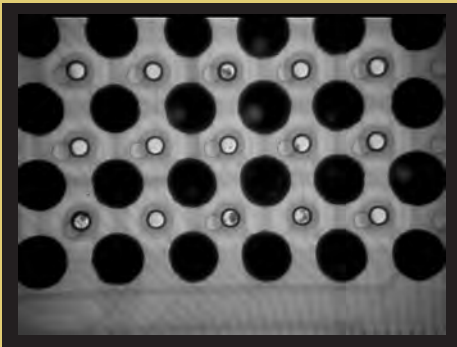
11 Emery Avenue
Randolph, NJ 07869 USA



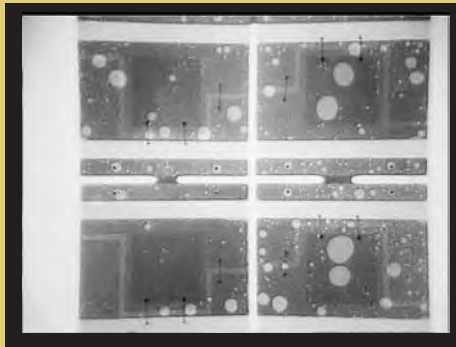
Small Hole Drilling of Multilayer PC Board:
Misregistration on 6mil hole to pad



QFN Inspection: Shorts on QFP Package



BGA Inspection: Voids in BGA Package



Voids in LED Device

SPECIFICATIONS

- Magnification: up to 100x geometric + 225x optical
- Dimensions: 44"H x 42"W x 24"D Operating Voltage: Auto Switching 120v or 220v
- Contrast Resolution: Can resolve .001 gold wire
- Spatial Resolution: 20lp/mm up to 100lp/mm
- Anode Voltage: 40Kv-80Kv (PC Controlled)
- Anode Current: 20-150 microamps

OPTIONAL FEATURES

- Motorized X-Y Positioning
- 25mm or 50mm Diameter FOV
- Available with GTI-2000, 3000 or 5000 Image Processing Software



Glenbrook: A Global Presence

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