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(858) 536-5050
For Quote



Bench Top X-Ray Inspection

The MiniV is an economical, compact, multi-purpose x-ray inspection tool. Designed for fast BGA/SMT solder quality inspection, rework verification and low density material analysis applications.

Key Features

The MiniV is low-cost, portable and provides x-ray inspection of components, bare boards, assemblies and materials up to 14x18".

- Easy-to-use
- Excellent imaging quality
- Multipurpose inspection tool
- Compact 32x37" footprint
- 75kV source provides sufficient power for low density quality inspection applications

***Safe:** The MiniV exceeds all safety and radiation protection requirements set forth by CDRH and FDA regulations. Systems are CE, CSA & TUV certified.

Applications:

- Bare and Assembled PCBs
- Components and Component Trays
- Rework Verification
- Counterfeit Device Screening

Easy-to-Use Controls

Intuitive controls and indicators for On/Off, Gain, Zoom and Interlock functions. Operators can be trained quickly and easily.



About FocalSpot

FocalSpot, Inc. is recognized worldwide as a leader in the design and manufacture of affordable high-quality x-ray inspection systems; providing Inspection and Rework solutions for Electronic Manufacturers worldwide. FocalSpot is also a regional distributor and value-added reseller for DEN-ON BGA/SMT rework solutions; Optilia BGA/SMT video microscopes; and First Article AOI Inspection Systems; providing sales, service and support in North/South America, Canada and Mexico.



Specifications

Hardware

- **Footprint:** 32"W x 37"L x 32"H
- **Board Handling:** up to 14"x 18"
- **Sample Door:** 20" wide, for easy load/unload
- **X-Ray Source:** 75kV, <33 micron
- **Magnification:** 50x
- **Field-of-View:** up to 2" (51mm)
- **PC:** Intel/ATX mini tower w/ printer & CDRW
- **Flat Panel Display:** 17" std. (19" optional)
- **Network Ready:** Ethernet 10/100 base-T

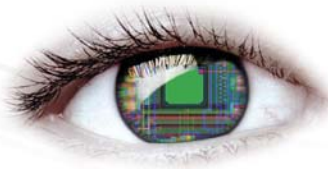
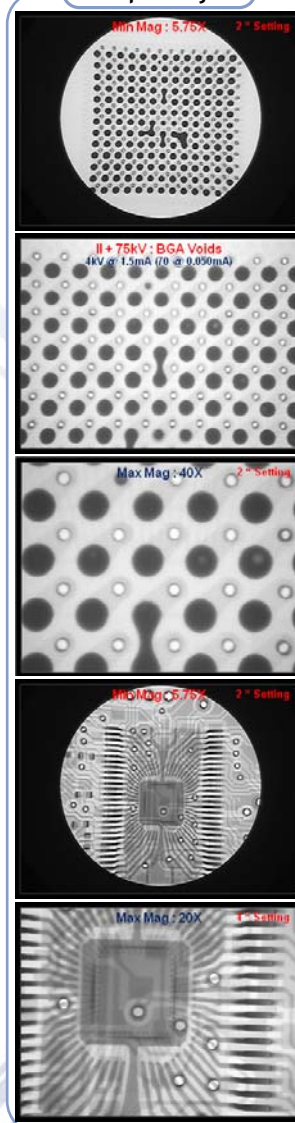
System/Image Processor Software

- **Operating System:** Windows™ XP Pro
- **Image Processor:** Verifier VIP (standard)

Optional Image Processors

- VIP Plus Enhanced Image Processor
- VIPx Advanced Image Processor
- * See FocalSpot VIP Series Datasheet for details

Sample Images



Counterfeit Device Screening

Affordable x-ray solution for non-destructive inspection of electronic components to determine authenticity of manufacture.

- Internal part features can be non-destructively inspected to identify, classify, and report traceability of original electronic components from potential counterfeit parts.