

### High-Resolution X-Ray Inspection

The Verifier Plus (FSX-075) is a low-cost, general purpose solder quality verification and defect detection tool. Designed for fast intuitive BGA/SMT solder quality inspection and low density material analysis applications.

### Key Features

The Verifier Plus supports a broad range of failure analysis and inspection applications from general quality inspection to rework verification. Its greater than >220X magnification provides excellent viewing of the smallest SMD electrical interconnections.

- Easy-to-use
- >220X magnification
- Excellent imaging quality
- Flexible board/part handling
- Multipurpose inspection tool
- Portable, small 32" x 34" footprint
- 75kV source provides sufficient power for low density quality inspection applications

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

### Easy-to-Use Controls

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



Call  
(858) 536-5050  
For Quote

Affordable High-Quality X-Ray System  
for medium-power Applications

Extended Height  
provides increased  
oblique viewing!



### Specifications

#### Hardware

- **Footprint:** 32"W x 34"L x 65"H
- **Board Handling:** up to 16" x 18"
- **Angled Viewing:** up to 70° (360° w/ fixture)
- **X-Ray Source:** 75kV, <33 micron
- **Magnification:** >220X
- **Field-of-View:** up to 2.25 (57mm)
- **Resolution:** >30 lp/mm
- **PC:** Intel/ATX mini tower w/ printer & CDRW
- **Flat Panel Display:** 19" std. (20" optional)
- **Network Ready:** Ethernet 10/100 base-T

#### System/Image Processor Software

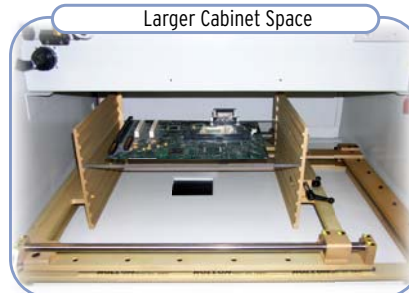
- **Operating System:** Windows™ XP Pro
- **Image Processor:** Verifier VIP (standard)

#### Optional Image Processors

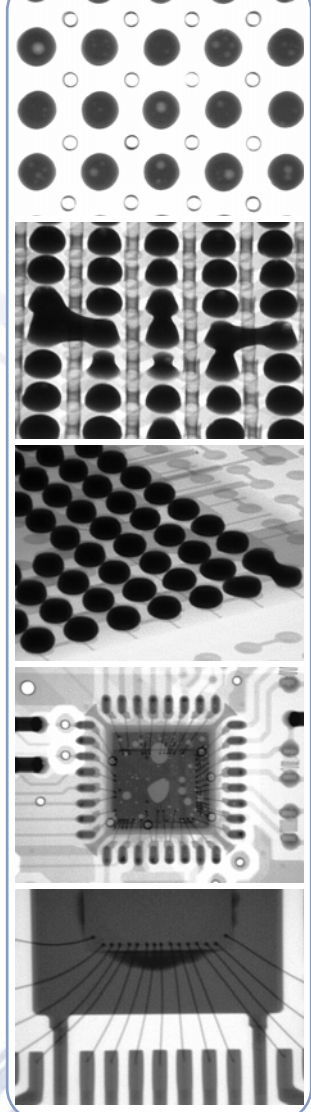
- VIP Plus Enhanced Image Processor
  - VIPx Advanced Image Processor
- \* See FocalSpot VIP Series Datasheet for details

### Flexible Sample Holder

- **Sample Door:** 28" wide, for easy load/unload
- **Manual X/Y sample positioner:** 16" x 18"
- **Angled Viewing:** 0-70° (standard fixture)
- **Rotation Fixtures:** Manual and Motorized options for 360° rotation of small boards.



#### Sample Images



### 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.