

Verifier[®] (FSX-H75/H90)

Verifier H Series, Horizontal X-Ray Inspection Systems

The Verifier H Series (FSX-H75/H90) is designed for quality assessment and defect detection of Industrial, Automotive and Medical components and assemblies. The 4-axis manipulator offers detailed sample viewing from nearly unlimited viewpoints.

Key Features

Component Options	Verifier H75	Verifier H90
Tube Voltage	75kV	90kV
Spot Size	33 microns	5 microns
Magnification	>175X	>500X

The Verifier H Series of X-Ray Systems supports a broad range of industrial, automotive and medical quality assurance and failure analysis inspection applications.

- Easy-to-use
- Excellent imaging quality
- Flexible 4-axis sample handling
- 360° sample rotation, viewing & Analysis
- Optional x-ray source options (75kV / 90kV)
- Multipurpose inspection tool

***Safe:** The Verifier H 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.



Specifications

Hardware

- **Footprint:** 66.5"W x 32"L x 64.5"H
- **Sample Handling:** up to 12"x 12"x 12"
- **X-Ray Source:**
 - H75: 75kV, <33 micron
 - H90: 90kV, <5 micron
- **Magnification:**
 - H75: >175X
 - H90: >500X
- **PC:** Intel/ATX mini tower w/ printer & CDRW
- **Flat Panel Display:** 17" (19" optional)
- **Network Ready:** Ethernet 10/100 base-T

System/Image Processor Software

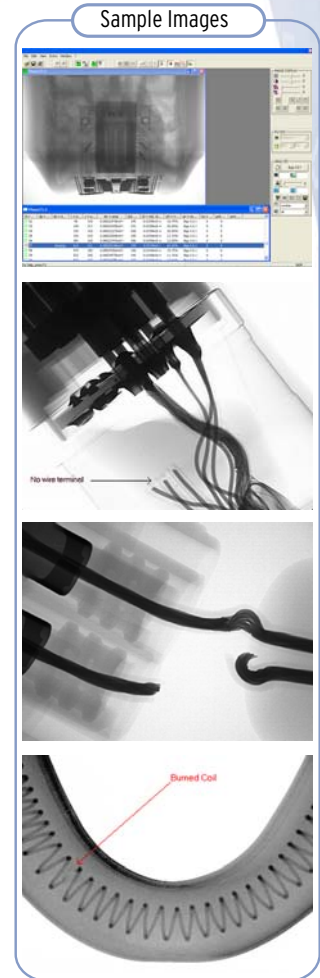
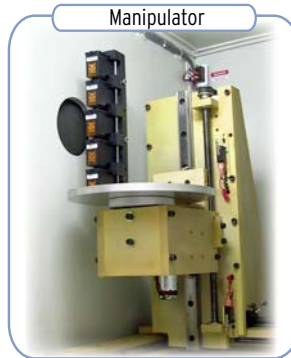
- **Operating System:** Windows™ XP Pro
- **Image Processor:** Verifier VIP (standard)

Optional Image Processors

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

Sample Manipulator

- **Sample Door:** 16.75"W x 21"H (load/unload)
- **Table Manipulator:** Manual X,Y translation
 - Table translation (front/back, left/right)
- **Sample Manipulator:** Motorized Z,Θ
 - 360° rotation & Z axis (up/down)



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.