

About FocalSpot

FocalSpot sells, reconditions and supports pre-owned Nicolet X-Ray Inspection systems; providing ongoing service, parts, installation and training. With over 18 years of experience, our team of certified technical support specialists and applications engineers deliver outstanding service worldwide.

- On-Site trouble-shooting, calibration, preventative maintenance and repair
- Radiation Surveys (*any x-ray system - to ensure x-ray safety compliance, includes certification*)
- Spare parts, parts repair, installation (e.g., Kevex x-ray tubes, Image Intensifiers, power supplies, etc.)
- Image Processors upgrades (3) options, See: <http://www.focalspot.com/inspection-software.htm>
- Systems & Software Operator and applications training

For more information see: <http://www.focalspot.com/pdf/Brochure-Nicolet-PM-Service.pdf>

Items Currently in Stock

1

Product: X-Ray Inspection System
Manufacturer: Nicolet Imaging Systems (NIS)
Model: NXR-1400i Series
Year of Mfr.: Circa 1997-1999
Condition: Refurbished to factory specs
Safety tested and x-ray certified
Description: The NXR-1400i x-ray inspection system for production quality assurance, failure analysis and rework verification.

System Includes:

- Sample Handling: 18x24"
- Footprint: 72"(H) x 61.5"(W) x 50"(D)
- X-Ray Source: 20-120kv
- Focal spot size: 10 micron
- Image Detector Type: 4" (10cm)
- Magnification: Up to 175X
- Motion control: X/Y sample table, tube Z₁ / detector Z₂
- Variable speed joystick control
- Image Processor: DELL PC w/ 19" monitor and VIP software
- Manuals included

**Nicolet, NXR-1400i
Photo of reconditioned unit**



Base Price: **Call for price and availability**

Status: Available Now, refurbished to factory specs

Warranty: 30 days labor, 90 days parts warranty
(Included)

Options:

- Optional Image Processors See: <http://www.focalspot.com/inspection-software.htm>
- Extended warranty available (quoted separately)

Installation: Crating, Shipping, Installation and Training quoted separately

2

Product: X-Ray Inspection System
Manufacturer: Nicolet Imaging Systems (NIS)
Model: NXR-1400LFOV
Year of Mfr.: 1997
Condition: Refurbished to factory specs
Description: The NXR-1400LFOV x-ray inspection system for production quality assurance, failure analysis and rework verification.

System Includes:

- Sample Handling: 18x24"
- Footprint: 72"(H) x 62"(W) x 50"(D)
- X-Ray Source: 20-120kv
- Focal spot size: 8-45 microns (auto adjusting w/power)
- Image Detector Type: 4" (10cm)
- Magnification: Up to 75X
- Field-of-View: up to 2.1" w/zoom
- Motion control: X/Y sample table, source Z₁ / detector Z₂ /x zoom Z₃
- Variable speed joystick control
- Image Processor: DELL PC w/ 19" monitor and VIP software
- Manuals included

**Nicolet, NXR-1400LFOV
Photo of reconditioned unit**



Base Price: **Call for price and availability**

Status: Available Now, refurbished to factory specs

Warranty: 30 days labor, 90 days parts warranty (Included)

Options:

- Optional Image Processors See: <http://www.focalspot.com/inspection-software.htm>
- Extended warranty available (quoted separately)

Installation: Crating, Shipping, Installation and Training quoted separately

3

Product: X-Ray Inspection System
Manufacturer: Nicolet Imaging Systems (NIS)
Model: NXR-1400P (Programmable)
Year of Mfr.: 1995
Condition: Refurbished to factory specs
Description: The NXR-1400P x-ray inspection system for production quality assurance, failure analysis and rework verification.

System Includes:

- Sample Handling: 18x24"
- Footprint: 72"(H) x 62"(W) x 50"(D)
- X-Ray Source: 20-120kv (side-window)
- Focal spot size: 10-60 microns (auto adjusting w/power)
- Image Detector Type: 1" (Vidicon)
- Magnification: Up to 65X
- Field-of-View: 1"
- Motion control: X/Y sample table, source Z₁ / detector Z₂ /x zoom Z₃
- Variable speed joystick control
- Image Processor: DELL PC w/ 19" monitor and VIP software
- Manuals included

Base Price: **Call for price and availability**

Status: Available Now, refurbished to factory specs

Warranty: 30 days labor, 90 days parts warranty (Included)

Options:

- Optional Image Processors See: <http://www.focalspot.com/inspection-software.htm>
- Extended warranty available (quoted separately)

Installation: Crating, Shipping, Installation and Training quoted separately

**Nicolet, NXR-1400P
Photo of pre-reconditioned unit**



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Product: X-Ray Inspection System
Manufacturer: Nicolet Imaging Systems (NIS)
Model: NXR-1525
Year of Mfr.: April 2000
Condition: Excellent
Refurbished to factory specs
Safety tested and x-ray certified
Description: The NXR-1525 x-ray inspection system is a High-resolution, large field-of-view (2.1") system that is ideal for production quality assurance, failure analysis and rework verification.

System Includes:

- Sample Handling: 18x24"
- Footprint: 75"(H) x 60"(W) x 56"(D)
- X-Ray Source: 120 kV
- Focal spot size: 8 micron
- Field-of-View (FOV): 2.1"
- Image Detector Type: 2"
- Magnification: Up to 240X
- Motion control: X/Y sample table, detector Z₁ - tube Z₂ - Tube Z₃
- Variable speed joystick control
- Image Processor: See options below

**Nicolet, NXR-1525
Photo of reconditioned unit**



Base Price: **Call for price and availability**

Status: Available now

Warranty: 30 days labor, 90 days parts warranty

Options:

- Optional Image Processors See: <http://www.focalspot.com/inspection-software.htm>
- Extended warranty available (quoted separately)

Installation: Shipping, Installation and Training quoted separately

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Product: X-Ray Inspection System
Manufacturer: Microfocus Imaging
Model: Micro RT
Year of Mfr.: 1994
Condition: Refurbished to factory specs
Safety tested and x-ray certified
Description: The Micro RT x-ray inspection system has broad low x-ray energy applications such as quality assurance, prototyping and general inspection of virtually any samples that the enclosure will accommodate.

System Includes:

- Sample Handling: 14x17"
- X-Ray Source: 70kv (tested & calibrated)
- Focal spot size: 10 micron
- Image Detector Type: 4/6"
- Motion control: X/Y/Z sample manipulator
- Variable speed joystick control
- Image Processor:
MFI-2000 Image Processor
- Operators Manuals

Microfocus Imaging, Micro RT



Base Price: **Call for price and availability**
Status: Available December 2006
Warranty: 30 days labor, 30 days parts warranty (Included)
Options:

- Extended warranty available (quoted separately)

Installation: Crating, Shipping, Installation and Training quoted separately