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 |
| Description: | Safety tested and x-ray certified |

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

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

**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](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](http://www.focalspot.com/inspection-software.htm)  
- Extended warranty available (quoted separately)  
**Installation:** Crating, Shipping, Installation and Training quoted separately
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**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

**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](http://www.focalspot.com/inspection-software.htm)
- Extended warranty available (quoted separately)

**Installation:** Shipping, Installation and Training quoted separately
# 5

**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

**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