



Podiatry X-Ray System Over-View

Source-Ray, Inc.

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Who We ARE

Source-Ray is a leading Developer, Manufacturer and Supplier of *Innovative Diagnostic Medical Imaging Equipment* for Healthcare Professionals.

Source-Ray's diverse line of conventional *Film Based, Computed Radiography* and *Direct Digital* imaging equipment; address a broad range of clinical and technological innovations.



Our Mission

- **Cost Effective Diagnostic Imaging Tools**
- **Customer Satisfaction & Continuous Improvement In Everything We Do**
- ❖ **Designed And Manufactured With Pride In The USA**

Model: PXS-810

- ✓ **CR/DR Compatible**
- ✓ High Frequency Generator
- ✓ High Output (0.8kW)
- ✓ 40 – 80 kVp, 10mA
- ✓ Microprocessor Controlled
- ✓ 10 mA
- ✓ **0.5mm Focal Spot**
- ✓ Counter-Balanced Locking Arm
- ✓ Durable Powder Coat Finish
- ✓ Optional Remote Control
- ✓ Communication Port for DR Applications
- ✓ FDA Certified
- ✓ Full 3 Year Warranty



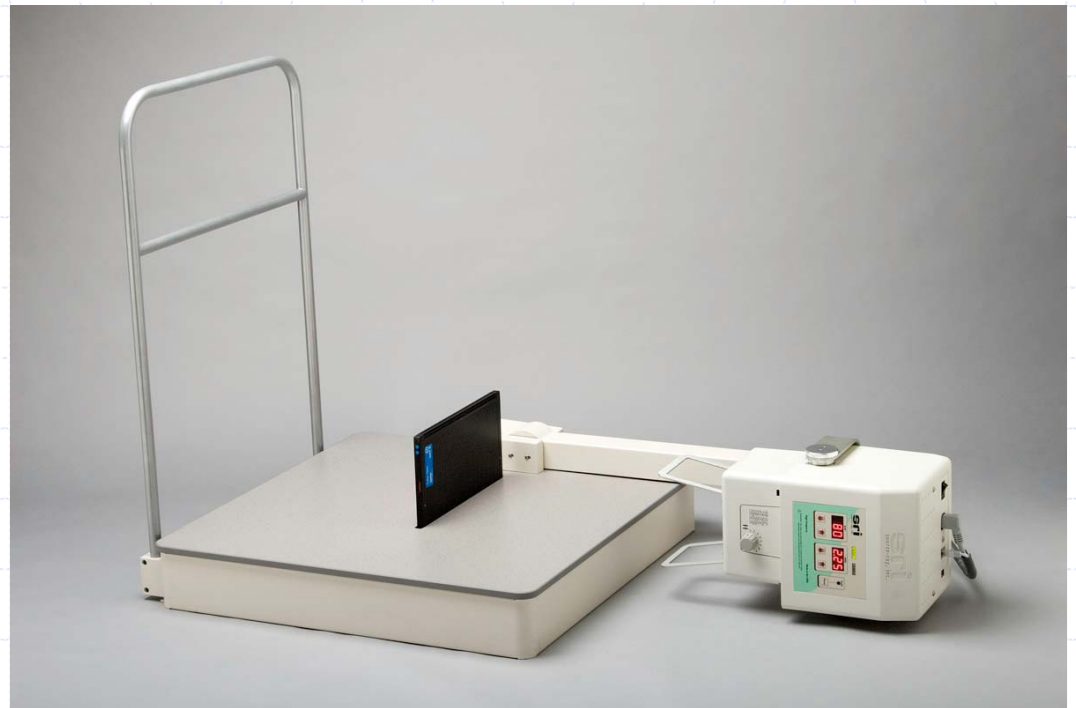
Patient Positioning

(Simple Transitions)

AP Exposures



Lateral Exposures





Computed Radiography

(Environmentally Friendly)

- **No Chemicals.**
- **No Darkroom.**
- **No Film Storage.**
- **No Silver Recovery.**
- **No Re-Takes.**
- **HIPAA Compliant Image Storage**



Computed Radiography

Model: SR-3600SF

- ✓ 16 Bits/Pixel Source File
- ✓ Automatic Erasing
- ✓ Embedded Plate Never Leaves Cassette
- ✓ Scans 83 Plates/Hr (10 x 12)
- ✓ DICOM 3.0 Compliant Software
- ✓ On-Board Image Enhancement Tools
- ✓ HIPAA Compliant Image Storage
- ✓ True Flat Scan Path
- ✓ 1 Internal Moving Part
- ✓ 1 Step Scan & Erase
- ✓ 17" High Resolution Monitor
- ✓ Core 2 Duo E4400/2.0GHz CPU
- ✓ 250GB HD, 1GB Memory
- ✓ FDA Certified





Computed Radiography

(Data Entry Screen)

Patient Information [Window Title Bar]

Add New Record |

Information (* = Required Fields)

Xscan ID	0	Gender	<input type="radio"/> Male <input type="radio"/> Female
Last Name *	<input type="text"/>	Patient ID	<input type="text"/>
First Name *	<input type="text"/>	Date	1/21/2008
Doctor	<input type="text"/>	DOB *	<input type="text"/>

Information

Study Desc.	<input type="text"/>	Exam Date/Time	1/21/2008 10:08:55 AM
Inst. Name	<input type="text"/>	Dicom Acc No.	<input type="text"/>

Study Comments

Visit Comments

Archive Information

Search All Archives

Location Browse... Date/Time

Cancel Save Save&View



Computed Radiography (Patient Data Base)

Patient Information - Database size: 485.59 MB (Free Space 223.09 GB) Some Patients Hidden

Patient

Xscan ID	Date	Last Name	First Name	Patient ID	Doctor	DOB
! 10038	1/21/2008	Test	Exam	1234		1/21/19
✉ 10014	11/16/2006	Ankle	Study	Ankle01		11/16/2
✉ 10011	11/16/2006	Foot	Study	Foot01		11/16/2

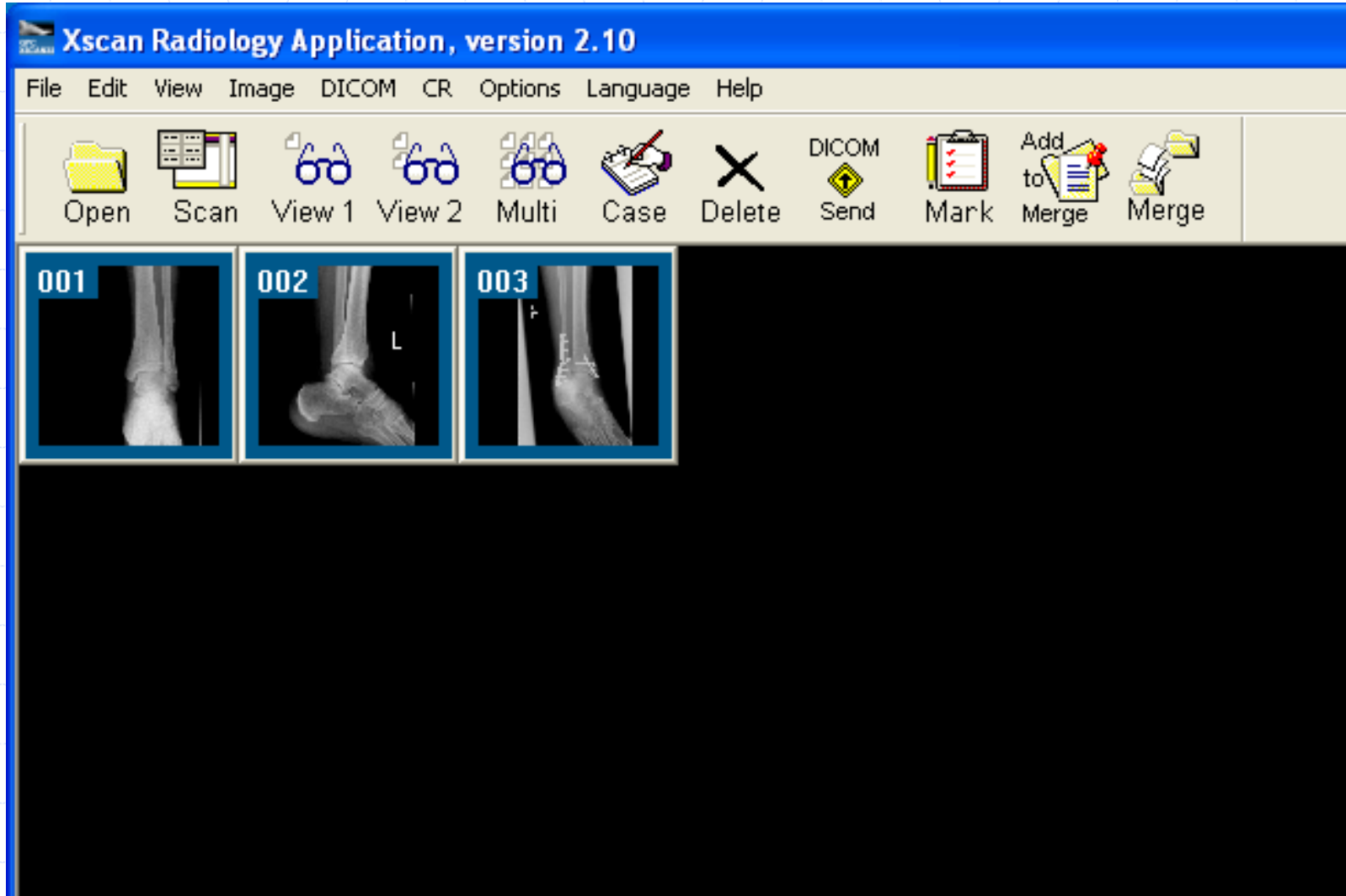
Exam

Study ID	Date/Time	Study Desc.	Inst. Name	Barcode	Cassette
! 10038100	1/21/2008 8:24:45 AM	Test	Sourcer-Ray Inc.		

Find Barcode:

Add Barcode Delete Barcode

Computed Radiography (Thumbnail View)



Computed Radiography (Auto Leveling)

The screenshot displays a medical software interface for processing a radiograph. The main window shows a lateral view of an ankle radiograph with a dashed white box highlighting the ankle joint area. The interface includes a sidebar on the left with patient and study information, and two control panels on the right for image processing and window/level adjustments.

ACCEPT

W:72950 L:30426

Test, Exam
DOB: 1/21/1993
1234

Study Info:
Date/Time: 1/21/2008 8:24:45 AM
Study Desc.: Test
Sourcer-Ray Inc.

Image Info:
Date/Time: 1/21/2008 8:26:54 AM

Processed Image [2.2.CE, DN:1.8, 1]
10INX12IN
Ankle
R LAT

Image Processing

Use Mask [L, R]
W/L [W, L, WL, W/L]

CR Presets
Preset Name
Ankle, LAT, R
Create Update Delete

Exam Information
Anatomy Ankle
Projection R LAT

Processing Strength Gain
2

Frequency Enhancement
2

ICE Process
Reset

Window/Level

W/L Presets
Preset Name
BONE
Create Update Delete

Window
26632

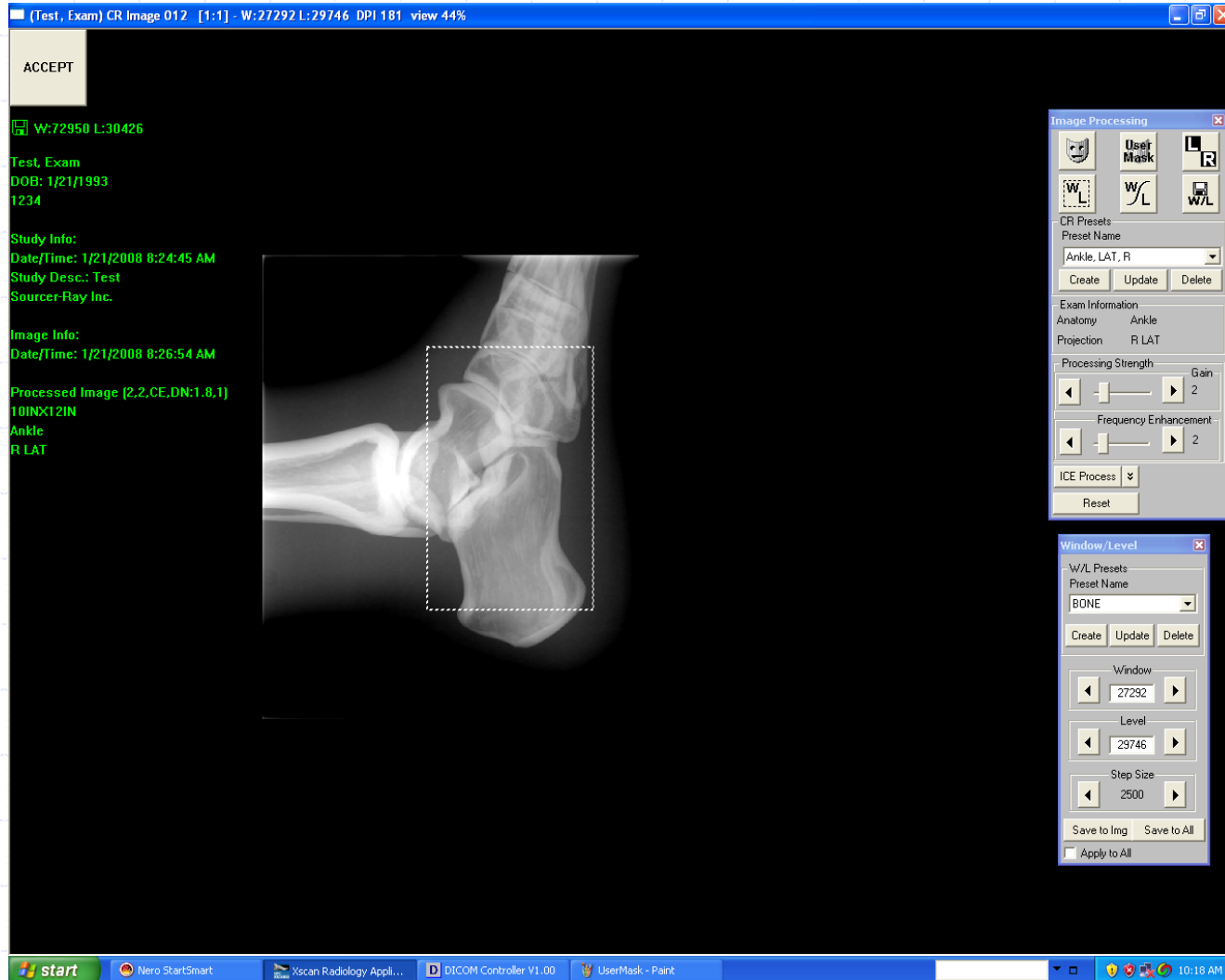
Level
30050

Step Size
2500

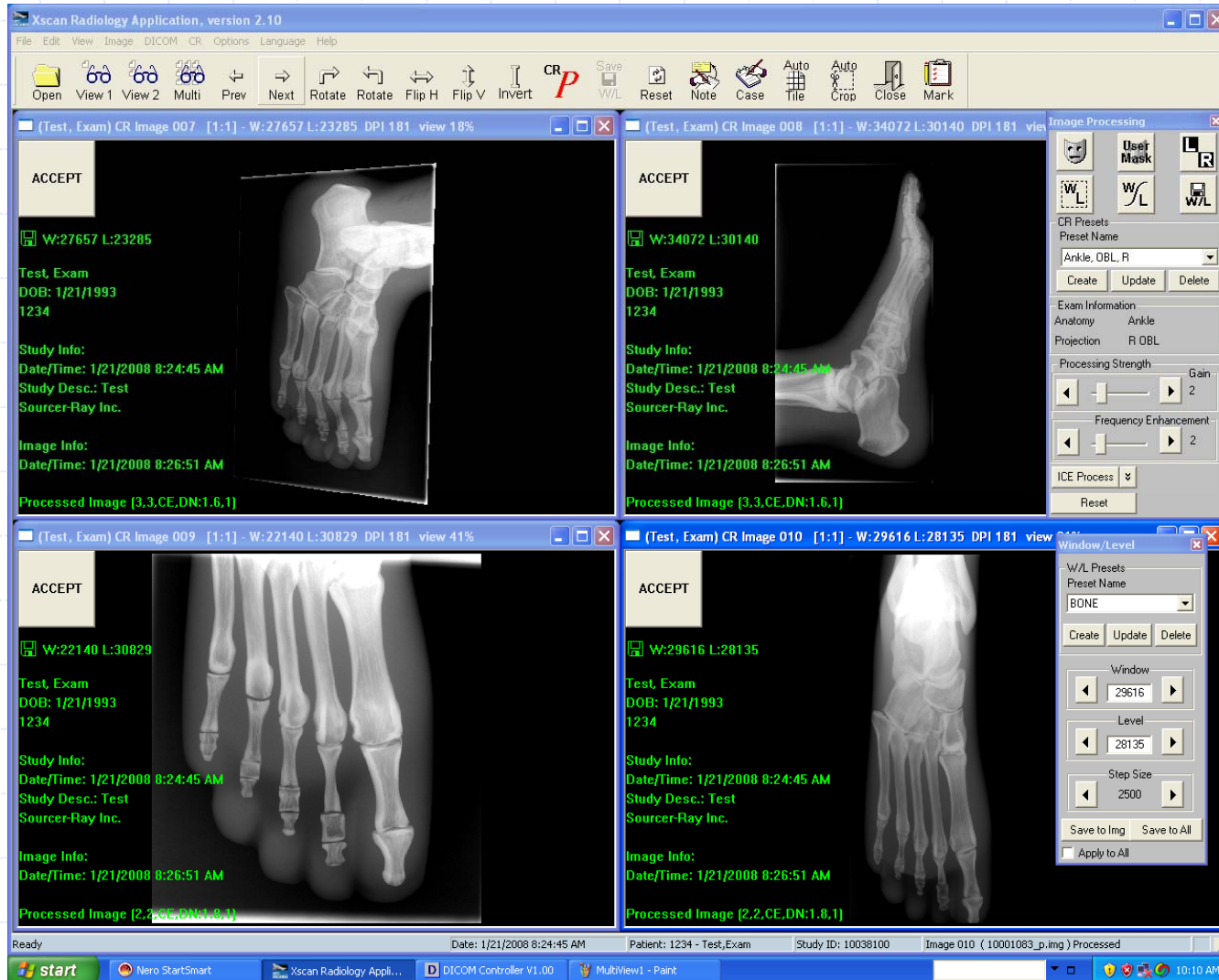
Save to Img Save to All
 Apply to All

Windows taskbar: start, Nero StartSmart, Xscan Radiology Appli..., DICOM Controller V1.00, multView3 - Paint, 10:12 AM

Computed Radiography (Auto Cropping)



Computed Radiography (Multi View Mode)



Other Source-Ray Products

Reliability

Quality

