



*i*CR1000

True Flat Scan Path™

*i*CR_{co}
The Intelligent CR Company

Computed Radiography Film Digitizers Teleradiology PACS

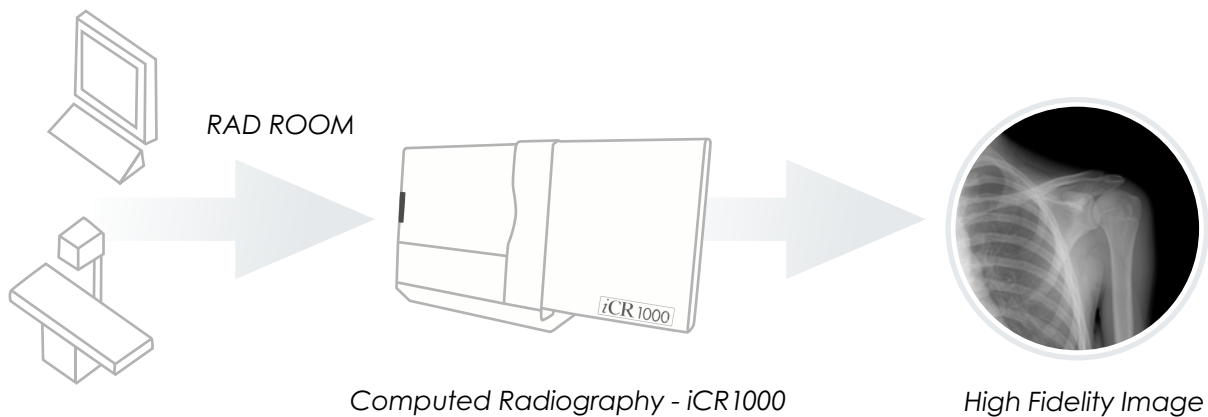
iCR1000

The iCR1000's patented design incorporates a true flat scan path™, an ultra precise scan mechanism, and protective cassettes to produce over 300,000 high resolution images per plate.

iCRco imaging plates are fixed to a rigid back panel. Nothing ever touches the active area of the phosphor plate resulting in an artifact free image. Unlike most CR products, the iCR1000 uses no rollers to transport the plate across the scan head. A positive traction drive system ensures perfect artifact free reproduction.

The iCR1000 has been designed to be used in General Radiology, Orthopedics, Dental and Pediatric applications as well as complement existing centralized CR installations. Its up to 70 plates per hour throughput makes it ideal for low to medium volume environments.

The iCR1000's small footprint and the optional wall-mount makes it a perfect fit for small spaces or installation inside the X-Ray room for maximum productivity.



iCR technology is the result of precision engineering which integrates electronic, optical and mechanical design. This guarantees production of high quality digital imaging tools for the medical profession.





One Moving Part

Premium CR Solution

High Fidelity Images

50 Plates Per Hour



iCR Flat Scan Path™ IP Cassettes

KEY ITEMS

- Premium CR Solution
- 50 plates per hour
- True Flat Scan Path™
- Low Cost of Ownership
- Advanced Image Processing
- 12-month warranty on equipment and cassettes
- 3-year warranty on iCR imaging plates
- iCR QPC XSCAN32 Software
- iCR EDGE High Fidelity Multi Scale Image Processing
- Interactive and automatic Image Processing

Learn More

For more information about iCRco Computed Radiography Systems, Film Digitizers and Software. Please visit www.icrcompany.com.

- iCRco's full range of CR solutions is designed to grow and adapt to the evolving medical imaging environment.
- From image acquisition, ID and digitizing, to image quality control and processing, we offer everything you need for streamlined, effective workflow management.
- iCRco, Inc. manufactures the new iCR Intelligent Computed Radiography device and X-Ray Digitizing equipment with precision engineering integrating electronic, optical and mechanical designs.



www.icrcompany.com

TECHNICAL SPECIFICATION:

Grayscale Resolution:

16 bits/pixel source file
65000 Shades of Gray

Automatic erasing

Automatic cassette handling

Dimensions:

14W x 22H x 42L inches

Weight:

Approx. 85 lbs

Power:

100-240V AC/ 2.5A max; 47-63Hz

Accepted Cassettes:

35x43 cm (14x17 in.)
24x30 cm (10x12 in.)
18x24 cm (8x10 in.)

Odd plate sizes accepted and flexible plates scanned using Flex-scan cassette system (patent pending).

Environmental Conditions:

Temperature: 0-40°C/32-105°F
Temperature change: 0.5°C/min
Humidity: 15%-95% RH
Magnetic Fields: max 1260 µT
(in Conformance with EN 61000-4-8: Level 3), 10 A/m

Heat Dissipation:

Standby 230W
Maximum 1610W

Computer Configuration:

Pentium 4 Class Device
80GHD, 1GB RAM
Windows 2000 or XP
Modem, NIC Card, CDR-W
USB 2 high speed interface

Scan Time:

70 Plates per hour mixed Cassette Sizes
50 Plates per hour 14x17 Cassettes only
42 second access time
70 seconds 14x17 at 200 Micron spot size

Microns Dependent On:

Processor Speed
RAM Disk Access time
Video Card

Other Features:

Integrated Eraser

Variable Erase Time Selectable

Scanning and Erasing in one step,
Ultra High Throughput

1 Internal Moving Part

Precision Rack and Pinion Drive System

High Resolution and Standard Resolution
Selectable Scanning Parameters

True Flat Scan Path™

No Plate Damage/Wear during Scan
Process.

U.S. and International patents granted

Additional patents pending

Medical CE compliant

FDA Approved

CE Approved



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