

iCR1000

INTELLIGENT COMPUTED RADIOGRAPHY

SPECIFICATION DATA SHEET

INCLUDES

- ▶ Premium CR Digitizer
- ▶ 40 plates per hour
- ▶ 12-month warranty on Equipment and Cassettes
- ▶ 3-year warranty on CR Imaging Plates
- ▶ iCR QPC XSCAN32 Software
- ▶ iCR EDGE High Fidelity Multi Scale Image Processing
- ▶ Interactive and Automatic Image Processing
- ▶ Direct patient ID Functionality

FEATURES AND BENEFITS

- ▶ Innovative Flat Scan Path - *Cleaner artifact free data*
- ▶ Eliminating Plate Stress - *Up to 250,000 Images/Plate*
- ▶ Advance Image Processing - *Artifact-free and consistently high image quality*
- ▶ One Moving Part - *Increased reliability, No plate jams*

iCR 1000 IMAGING PLATE & CASSETTE COMBO

- ▶ 35x43 cm (14x17 in.)
- ▶ 24x 30 cm (10x12 in.)
- ▶ 18x24 cm (8x10in)



One Moving Part

Premium CR Digitizer

High Fidelity images

TECHNICAL SPECIFICATION

Grayscale Resolution:

16 bits/pixel source file
65000 Shades of Gray

Automatic erasing

Automatic cassette handling

Dimensions:

9W x 22H x 42L inches

Weight:

Approx. 85 lbs

Power:

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

Accepted Cassettes:

35x43 cm (14x17 in.)
24x 30 cm (10x12 in.)
18x24 cm (8x10in)

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

Environmental Conditions:

Temperature; 15- 40C/ 59- 105 F
Temperature change: 0.5 C / min
Humidity: 15% - 95% RH
Magnetic Fields: max 1260 μ T
(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, 512MB RAM (Minimum)
Windows 2000 or XP
Modem, NIC Card, CDR-W
USB 2 high speed interface

Scan Time:

40 Plates per hour
52 second access time
80 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 Mechanism

High Resolution and Standard Resolution Selectable Scanning Parameters

Flat Scan Path

Can be used with existing CR plates

US and International patents granted
Additional patents pending
FDA Approved
CE Approved

iCRco

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