**Fusion™**

Innovative CR and DR Hybrid Technology

The **Fusion™** combines cassette-based CR technology with integrated DR technology to give you the best of both modalities in terms of price, image quality, exposure flexibility, and patient care. **Fusion** is the cost effective solution for all types of imaging.

Physicians can achieve amazing workflow at a much lower cost with its integrated pairing with the robust and feature-rich image processing **XC™** software. **XC** provides superior quality images every time with an option to further manipulate the images.

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**Capture with Freedom | Process with Clarity | Archive with Ease**

- **16** Bit Resolution
- **83** Plates Per/Hr
- **5** Lp/mm

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**IDCR | Fusion**

Image Capture Review

**IMAGE**

**FUSION | CR & DR IN ONE**

**Fusion** is a scalable design that allows for the highest efficiency **Crystal IP** phosphor screens, 16 Bit available gray scale, and upgradable features that provide users with stunning 10 lp/mm maximum resolution.

**CAPTURE**

**XC | ACQUISITION**

**XC** touchscreen acquisition with ICE-3 Enhancement Processing provides all new features including, "Image Display State" to ensure balanced presentation of both soft tissue, overlapping bone structures, and automatic analysis of image characteristics to optimize processing.

**REVIEW**

**CLARITY PACS**

Our fully web-enabled and integrated PACS solutions help transition your practice into a safe, secure, and filmless environment. **Clarity PACS™** supports all your current and future imaging needs.
TRUE POSITIONING FREEDOM
All examination types can be done with Fusion: Upright and table exposures, in addition to bedside and bucky exposures. With Fusion, you are free to take exposures without concerning yourself with fragile DR plates, short battery life spans, and high cost of ownership.

Fusion DCR Specifications*

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<th>Micron Spot Size</th>
<th>Pixels Per mm</th>
<th>Dots Per Inch (DPI)</th>
<th>Line Pairs Per mm</th>
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THE FUSION CAPTURES AT 15 MEGAPIXELS

Grayscale Resolution | 16 bits/pixel source file, 65536 shades of gray
Image Capture Time | DR 15 seconds / CR 22 seconds
Plate Throughput | 100 plates per hour 10”x12”
Cassette Sizes | 14” x 17” (35 x 43 cm), and 10” x 12” (25 x 30 cm)
Weight | 105 lbs (47.63 Kg.)
Dimensions | W 21.62” x D 6.79” x H 40.61”
Power Source | 3.4 amps / 24 Volts DC
Heat Generation | Typical 125W, maximum 330W
Operating 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

XC™ Acquisition Software Features

XC - Intuitive touchscreen acquisition
ICE-3 Processing - Automated image characteristics analysis for maximum image enhancement
Image Display State: Automated enhancement of image display at the point of acquisition
Smart search, sort, and filter options
Integration with front office management systems like RIS and EMR
Full set of annotation and measurement tools
User-preferred settings and privileges

Outer Dimensions

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