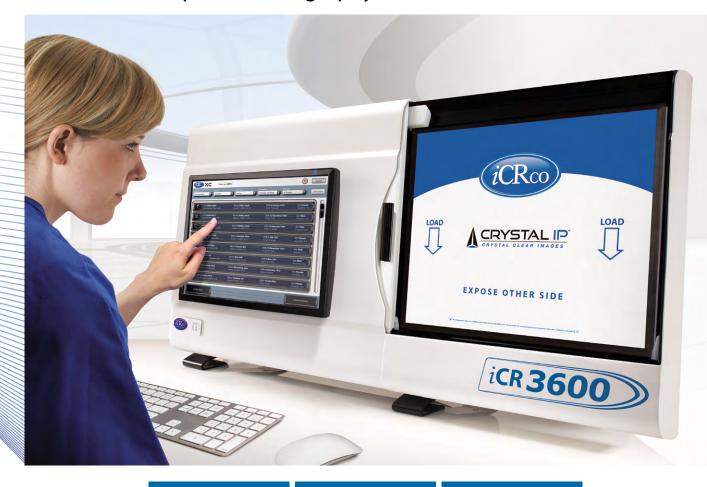
iCR3600 Innovative Computed Radiography



✓ HIGHER RESOLUTION
✓ LOWER DOSE



16 | Bit Resolution

94 | Plates Per/Hr

5 | Lp/mm

Upgradable Design | **Higher** Resolution | **Lower** Dose

The **iCR3600**[™]—a rugged, dependable, single-plate scanner—is known for it's image quality and reliability. **iCR3600** has earned global acclaim from clinics, hospitals, emergency response services, the military, mobile facilities, and non-destructive testing.

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.



ICR | 3600

Image Capture Review

IMAGE

3600 | HD RESOLUTION CR

iCR3600 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.

icrco.com

iCR 3600 Innovative Computed Radiography









Although computed radiography technology has been widely accepted, other major manufacturers follow the same pattern of removing the costly phosphor plates and running them through rollers in their CR readers. iCRco has re-invented how CR technology works with **True Flat Scan Path™**. This technology ensures the phosphor plate never leaves the cassette to avoid any plate handling, damage or wear during the scan process.

iCR3600 Specifications*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm	
200	5	127	2.5	
155	7.5	163	3.1	
100	10	254	5	
THE 3600 CAPTURES AT 15 MEGAPIXELS				

Grayscale resolution	16 bits/pixel source file, 65536 shades of gray		
Image access time	35 seconds (average mixed plates)		
Plate throughput	94 plates per hour mixed cassette sizes		
Cassette sizes	14" x 17" (35 x 43 cm), 14" x 14" (35 x 35 cm), 10" x 12" (25 x 30 cm), 8" x 10" (20 x 25 cm) Odd plates and flexible plates using glass cassette system are accepted		
Weight	78 lbs (35 kg)		
Dimensions	W44" x D12" x H23" (W112 x D31 x H59 cm), Wall mountable		
Power source	100-240V AC/ 2.5A max; 47-63Hz (Universal power supply)		
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		

^{*}Processing and display time dependent on processor speed, RAM disk access time, and video card.



Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company U.S. and international patents granted • Additional patents pending • FDA accepted • Medical CE mark C 6 0086

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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

