iCR 3600™

The Next Generation of Proven Technology

Upgradeable Design
Higher Resolution
Lower Dose

The *iCR3600*™ gets the job done. Introducing our flagship system – a rugged, dependable, single-plate scanner designed to go where other digital systems cannot. Known for it's image quality and reliability, the *iCR3600* has earned global acclaim from clinics, hospitals, emergency response services, the military, mobile facilities, and non-destructive testing. Physicians that require a dependable imaging system can now achieve amazing workflow at a much lower cost than comparable computed radiography solutions.

In addition, *iCR3600* is the true meaning of an integrated solution. It is paired with the superior image processing XC™ software. With the robust and feature-rich XC, you get superior quality images every time with an option to further manipulate the images to the physician's preference.

The *iCR3600* is Crystal IP ready which provides up to 50% less dose, lower noise, reduced scatter, and increased eraser speeds that result in faster overall cycle times. Crystal IP images also offer improved spatial resolution, contrast to noise ratio, and requires less laser power which increases the life of your CR reader.

True Flat Scan Path technology: Get 300,000+ artifact-free images per plate

One internal moving part for maximum uptime and savings

Upgradeable design that scales with your practice

Introducing
THE NEXT GENERATION OF PHOSPHOR CASSETTES
CRYSTAL IP
CRYSTAL CLEAR IMAGES
☑ HIGHER RESOLUTION
☑ LOWER DOSE

Custom X-Ray Sales & Service

602-439-3100 | 800-230-XRAY

iCRco

iCR3600™ The Next Generation of Proven Technology

Upgradeable Design
Higher Resolution
Lower Dose



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
100	10	254	5
50	20	508	10
THE ICR3600 CAPTURES AT 60 MEGAPIXELS			

Grayscale resolution	16 bits/pixel source file, 65536 shades of gray
Image access time	32 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

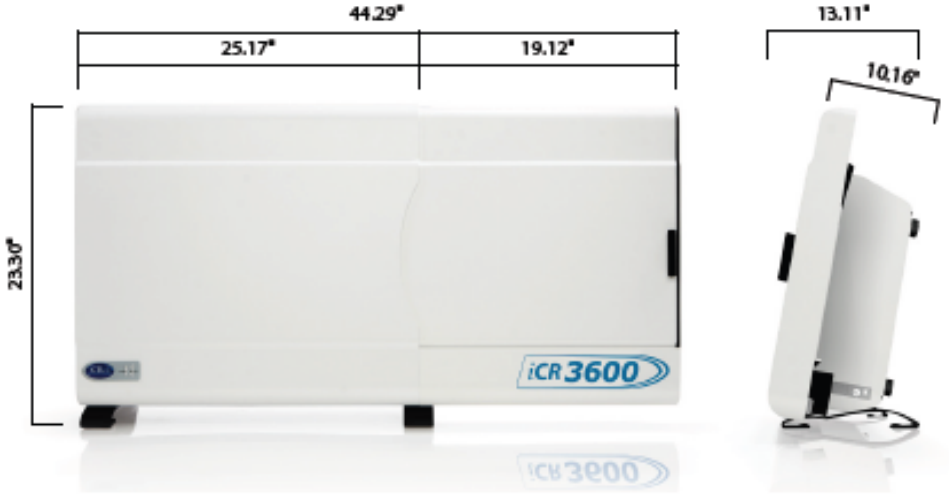
Processing and display time dependent on processor speed, RAM disk access time, and video card.

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 CE 0086

XC™ Features

- iCR3600 includes XC — intuitive touch screen capable acquisition software
- Smart Scanning: manipulate acquired images while additional cassettes are being scanned
- ICE2 image processing: further manipulate images to your preference, automatically applies proper algorithms for an anatomy
- Smart search, sort, and filter options
- Integration with front office management systems like RIS and EMR
- Full set of annotation tools
- User-preferred settings and privileges

Outer Dimensions



iCRco Custom X-Ray Sales & Service | 2120 W Encanto Blvd Phoenix, AZ 85009 | 602-439-3100 | 800-230-XRAY | F: 602-252-5950