

# iCR3600M

Experience the Future of Digital Radiography with iCRco

Stay Competitive

Improve Patient Care

Innovate Imaging Workflow



Women's health has always been in the center of development efforts at iCRco. Many studies have established CR Mammography is as efficient as DR Mammography, and offered at a fraction of the cost while eliminating the need for replacing the existing X-ray room equipment. iCR3600M\* integrates seamlessly into the existing workflow. iCR3600M\* is affordable since it can also be used for all areas of general radiography with appropriate size cassettes. The ultra high resolution and precision of this CR makes it second to none.

It is paired with the superior image acquisition software Clarity Captera™ for further manipulation of the images, applying advanced image processing algorithms to look for even the smallest details. ICE-M, Image clarity enhancement algorithm, is specifically designed for mammography applications.

iCRco has been a leader in bringing you the most innovative technologies in medical imaging for almost twenty years.

\*Mammography not available in the U.S. or Canada

One internal moving part for maximum uptime and savings.

Ultra precise and high resolution scanning.

User friendly and intuitive software.

True Flat Scan Path™ technology

[www.icrcompany.com](http://www.icrcompany.com)



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Although computed radiography technology has been widely accepted, all 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.

## iCR3600M Specifications\*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
50	20	508	10
100	10	254	5

**THE ICR3600M CAPTURES AT 60 MEGAPIXELS**

<b>Grayscale Resolution</b>	16 bits/pixel source file, 65536 Shades of Gray
<b>Image Access Time</b>	35 seconds
<b>Plate Throughput</b>	70 Plates Per Hour
<b>Cassette Sizes</b>	14" x 17" (35 x 43 cm), 10" x 12" (25 x 30 cm), 8" x 10" (20 x 25 cm), High resolution mammography and odd plate sizes accepted. Flexible plates scanned using glass cassette system
<b>Weight</b>	78 lbs (35 kg)
<b>Dimensions</b>	W44" x D12" x H23" (W112 x D31 x H59 cm), Wall Mountable
<b>Power Source</b>	100-240V AC/ 2.5A max; 47-63Hz (Universal Power Supply)
<b>Heat Generation</b>	Standby 230W, Maximum 1610W
<b>Operating Conditions</b>	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

\* Specifications are subject to change without notice. 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 • Medical CE mark CE 0086

## Clarity Captera™ Features

iCR3600M\* includes Clarity Captera™ — 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

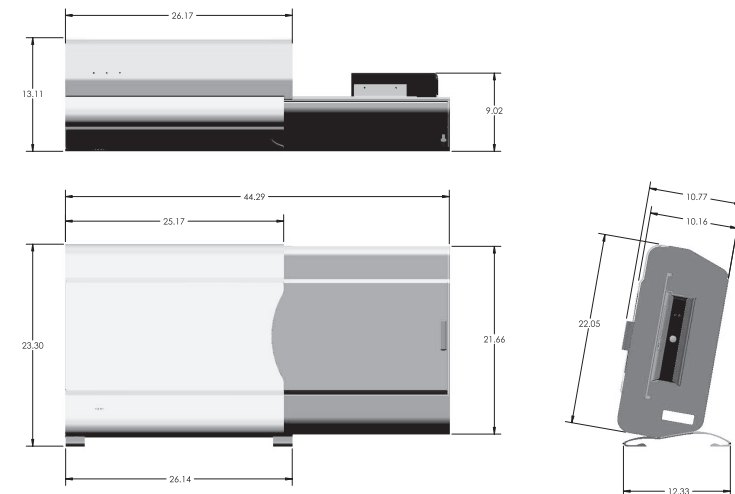
Integration with front office management systems like RIS and EMR

Full set of annotation tools

User preferred settings and privileges

\*Mammography not available in the U.S. or Canada

## Outer Dimensions



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