

ChromeM™

Innovative Computed Radiography



16 | Bit Resolution

35 | Plates Per/Hr

45 | lbs

Stay Competitive | Improve Patient Care | Innovate Imaging Workflow

The **ChromeM™** is a single-bay cassette system and combines it with an ultra high-resolution scan sensor, with low dose Crystal IP plates, making it the choice CR system in the industry for Mammography Imaging.

We developed **ICE-M**, an image clarity enhancement algorithm specifically designed for mammography applications and added image processing **XC™** software. **XC** provides superior quality images every time with an option to further manipulate the images.



| Image Capture Review

ICR | ChromeM

Image Capture Review

IMAGE

CHROMEM | SINGLE CR

ChromeM is a single-plate reader that allows for the highest efficiency **Crystal IP** phosphor screens, 16 bit available gray scale, and features that provide stunning 20 lp/mm maximum resolution at a throughput speed comparable to other DR systems.

CAPTURE

XC | ACQUISITION

XC touchscreen acquisition with ICE-M 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.

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The ChromeM is paired with XC™, iCRco's superior image acquisition software. Custom settings can be defined based on user preference, allowing you to apply advanced image processing algorithms to look for even the smallest details.

Add our complete mammography workflow solution and you have the whole package - image acquisition, practice management, PACS, a desktop viewer, a mobile viewer for the iPad™ or iPhone™, an incomparable image wizard, and a comprehensive QC tool. It's mammography as you've never seen it before.



ChromeDuo Specifications*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
50	20	508	10
THE CHROME M CAPTURES AT 29 MEGAPIXELS			

Grayscale resolution	16 bits/pixel source file, 65536 shades of gray
Image access time	35 seconds
Plate throughput	35 plates per hour
Cassette sizes	7.08 x 9.44" (18 x 24 cm), 9.44 x 11.81" (24 x 30 cm) High-resolution mammography cassettes
Weight	45 lbs (20.41 kg)
Dimensions	W14.34" x D24.67" x H7.34" (W36.4 x D62.6 x H34.8 cm)
Power source	100-240V AC/ 2.5A max; 47-63Hz (universal power supply)
Heat generation	Standby 20W, maximum 144W
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

* 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 • FDA 510 (K) Cleared
• Medical CE mark CE 0086

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XC™ Acquisition Software Features

- XC - Intuitive touchscreen acquisition
- ICE-M 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

