



Compact Imaging System
Ultra-High Resolution
Durable Technology



Introducing the Tcr™ compact desktop imaging system – the next evolution in iCRco digital imaging technology. Small enough to place on your desk, without sacrificing image quality or throughput, the Tcr incorporates an innovative cassette system with an ultra high-resolution scan sensor to give you the best imaging solution that will stand the test of time.

At iCRco, durability and reliability are the cornerstones of our engineering philosophy. Our innovations in CR radiography have produced advancements such as True Flat Scan Path™; a proprietary technology that extends the life of the CR cassette by completely eliminating the plate handling process.

Save space, save time, save money with the Tcr solution.

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

One internal moving
part for maximum
uptime and savings

Unsurpassed image
quality at 94 images
per hour

www.iCRcompany.com



The Tcr™ 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 imaging workflow solution and you have the whole package - image acquisition, RIS-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.



Tcr Specifications*

Micron Spot Size	Pixels Per mm	Dots Per Inch (DPI)	Line Pairs Per mm
200	5	127	2.5
100	10	254	5
Grayscale resolution	16 bits/pixel source file, 65536 shades of gray		
Image access time	35 seconds (14" x 17")		
Plate throughput	94 plates per hour mixed cassette sizes		
Cassette sizes	14" x 17" (35 x 43 cm), 10" x 12" (25 x 30 cm), 8" x 10" (20 x 25 cm), Odd plate sizes accepted and flexible plates scanned using glass cassette system		
Weight	78 lbs (35 kg)		
Dimensions	W44" x D12" x H23" (W112 x D31 x H59 cm)		
Power source	100-240V AC/ 2.5A max; 47-63Hz (Universal power supply)		
Heat generation	Standby 230W, maximum 1610W		
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.

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XC™ Features

Tcr 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

Components are made from 98% recyclable parts • iCRco is an ISO 13485 certified company