

CarestreamHEALTH Point-of-Care CR 140 System

Big value for small facilities

The KODAK Point-of-Care CR 140 System is ideal for computed radiography examinations in busy clinics and specialty practices such as chiropractors, podiatrists and orthopedists. It is also recommended for satellite locations and remote sites such as military field installations. Durable, compact and lightweight, this system enables all imaging functions to be performed at the point of patient care with one affordable package that includes the single-plate CR reader, flexible phosphor screens, advanced image management software and a PC-based review station.

Advantages at a glance

- > Compact and lightweight makes it easy to maneuver
- > Easy to set up and operate
- > Durable design allows it to handle extreme conditions

Highly Versatile

The PoC CR 140 System is part of a modular solution that can be configured to meet most clinical applications. The provided software lets you set up the system to capture high-quality x-ray images with minimal steps for scanning, processing, and image quality assurance. All imaging parameters are optimized, resulting in digital images that can be enhanced and enlarged and sent to any location in seconds as a DICOM 3.0 file. Images also can be printed or archived locally on CDs or DVDs.

Point-of-Care Productivity

Mounted on an optional wheeled Z-Cart or placed on a tabletop, the PoC CR 140 System can be used in virtually any location. With the Z-Cart, this system can be rolled into any situation where nearly instant digital images are needed.

Military Applications

Deployed by military forces worldwide, the field-proven PoC CR 140 System is ideal for remote locations. Its durable design can withstand rough handling and changes in temperature and humidity. Even in the most demanding conditions, this portable system is easy to set up and operate.



Please note: Specifications may change without notice. Revised 05 2010

CarestreamHEALTH Point-of-Care CR 140 System

Technical Data

System Specifications

Throughput

- Up to 40 cassettes per hour (14 x 17 in.)

Time to First Image

- 63 seconds

Grayscale Resolution

- Acquisitions: 12 bits per pixel
- Display: 12 bits per pixel

Dimensions (H x W x D)

- 13.4 x 29.0 x 25.8 in. (34.0 x 73.5 x 65.5 cm.)

Weight

- 99 lbs. (45 kg.)

System Configurations

- Desktop
- Z-Cart (mobile cart)
- Distributed CR

Software

- Integrated acquisition including: image analysis, archiving and seamless remote image communications built on scalable, user-friendly DICOM 3.0 software platform

Power Requirements

- Single-phase 50/60 Hz, 100-240 VAC (+/- 10%), 2A
- UPS Required

Regulatory Approvals

- FDA (USA), CE (EU), SDA (China), and others available or pending in most major markets

Safety Standards

- EN 60601-1, 60825-1, 60601-1-2

Environmental Operating Conditions

- Operating conditions:
50 - 104 °F (10 - 40 °C), 90% at 95 °F (35 °C)
- Storage conditions:
5 - 104 °F (-15 - 60 °C)



Cassette Size	Pixel Matrix Size	Pixels Per Millimeter	Plates Per Hour
Standard Resolution			
14 x 17 in.	2004 x 2432	6	40
14 x 14 in.	2744 x 2744	8	34
11 x 14 in.	1556 x 1996	6	48
10 x 12 in.	1932 x 2348	8	40
8 x 10 in.	1916 x 2428	10	38
24 x 30 cm.	1820 x 2308	8	40
15 x 30 cm.	1384 x 2888	10	57
High Resolution			
14 x 17 in.	3984 x 4860	12	22
14 x 14 in.	3980 x 3980	12	22
11 x 14 in.	3096 x 3980	12	27
10 x 12 in.	2428 x 2936	10	42



Please note: Specifications may change without notice. Revised 05 2010