

Kodak 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 orthopaedists. 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, KODAK flexible phosphor screens, advanced image management software, and a PC-based review station.

Highly versatile

The KODAK Point-of-Care CR 140 System is part of a modular solution that can be configured to meet most clinical applications. Its KODAK Quality Control Scanner interface lets you set up the system to capture high-quality x-ray images of any body part with minimal steps for scanning, processing, and image quality assurance. All imaging parameters are optimized, resulting in digital images that can be enhanced, enlarged, duplicated, and sent to any location in seconds as a DICOM 3.0 file with no loss of resolution. 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 KODAK Point-of-Care 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 KODAK Point-of-Care CR 140 System is ideal for remote locations. Its durable design can withstand rough handling, temperature and humidity extremes, and stresses of nature such as wind, sand, and moisture. Even in the most demanding conditions, this portable system is easy to set up and operate.



Specifications

Throughput

- ▶ Up to 41 cassettes per hour

Time to First Image

- ▶ 63 seconds

Grayscale Resolution

- ▶ Acquisition: 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 and PACS functionality including: image analysis, archiving, and seamless remote image communications, built on scalable, user-friendly DICOM 3.0 software platform
- ▶ Bone mineral densitometry (BMD OsteoGram[®] software and cassette with template)

Computer Workstation Minimum Requirements

- ▶ PENTIUM 4 2.4 GHz or higher, 1 GB memory, USB 2.0 port, WINDOWS 2000[®] or WINDOWS XP Professional[®] operating system (small form factor chassis required for Z-cart)

Power Requirements

- ▶ Single-phase 50/60 Hz, 200 VA, 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: 10-40°C, 90% at 35°C
Storage: -15-60°C

Cassette Size

High Resolution

Size:

- ▶ 8 x 10 in. (20 x 25 cm)
- ▶ 10 x 12 in. (25 x 30 cm)
- ▶ 14 x 14 in. (35 x 35 cm)
- ▶ 14 x 17 in. (35 x 43 cm)

Pixel Matrix:

- ▶ 2216 x 2628
- ▶ 2092 x 2508
- ▶ 2916 x 2916
- ▶ 2120 x 2548

Sampling Density:

- ▶ 8.4 pix/mm
- ▶ 7.0 pix/mm
- ▶ 7.0 pix/mm
- ▶ 5.0 pix/mm



MMI

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