MANAGED MEDICAL IMAGING

Managed Medical Imaging, LLC
9667 NW 15th Ct
Pembroke Pines, FL 33024
Phone: 954-802-0634
Fax: 954-212-0108

Kodak Point-of-Care **CR 120** System

Digital imaging for low exam volumes

The Kodak Point-of-Care CR 120 System is ideal for a wide range of computed radiography examinations in specialty practices such as chiropractors, podiatrists, and orthopaedists. It is also well suited for small clinics, mobile units, and offshore locations including oil rigs and cruise ships.

This system enables all imaging functions to be performed at the point of patient care with one compact, affordable package that includes the single-plate CR reader, Kodak flexible phosphor screens, advanced image management software, and a PC-based review station. Perfect for environments where small size, simplicity of use, and performance are critical, the CR 120 System also provides low-volume environments with an excellent entry to digital imaging.

Highly versatile

The Kodak Point-of-Care CR 120 System can be configured for most clinical applications. A simple-to-use Kodak Quality Control Scanner interface designed for full DICOM connectivity allows you to set up the system to capture high-quality x-ray images of any body part. All imaging parameters are optimized, resulting in digital images that can be enhanced, enlarged, duplicated, and sent to any location in seconds with no loss of resolution. Images 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 120 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.

Mobile x-ray

The Point-of-Care CR 120 System can provide a complete mobile digital imaging solution on wheels. Mount the system in a van or truck and combine it with reusable Kodak flexible phosphor screens and cassettes, a rugged laptop computer, and portable x-ray equipment. Then drive anywhere x-ray exams are needed. Kodak Point-of-Care mobile solutions serve nursing facilities, prisons, forensic institutions, employee screening needs, and more throughout the world.

Specifications

Throughput
- Up to 20 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:	Pixel Matrix:	Sampling Density:
8 x 10 in. (20 x 25 cm)	2216 x 2628	8.4 pix/mm
10 x 12 in. (25 x 30 cm)	2092 x 2508	7.0 pix/mm
14 x 14 in. (35 x 35 cm)	2916 x 2916	7.0 pix/mm
14 x 17 in. (35 x 43 cm)	2120 x 2548	5.0 pix/mm

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