Computed Radiography (CR) Digital Solution

**Computed Radiography**

**99-800POC ▶ POC 140 CR Reader** (41 plates per hour)

**► DRR** (Dynamic Range Reconstruction) image processing

**► UM** (Unsharp Masking) image processing

**► DICOM** Compliant – DICOM Store Spatial Resolution

- 14” x 17” = 5 pixels/mm
- 10” x 12” = 7 pixels/mm
- 8” x 10” = 8.4 pixels/mm

**► Gray Scale Resolution** = 12 bits/pixel

**► Power** Single Phase 50-60 Hz, 120-240 VAC

**► Approvals** FDA Clearance K003256

**Acquisition Software – Kodak POC-QC**

- Support DICOM Storage SCU
- Dicom input Information
- Image processing and editing capabilities: Window Level, Zoom, Flip, Rotate, Pan, Zoom
- L/R Annotation

**Viewing Software – Omni-Vue**

- Local databases and conference folders can be created
- Client workstation of Omni-PACS supporting direct DB access
- Display and convert DICOM versus non-DICOM images (JPEG, TIFF, PCT, BMP, etc.)
- DICOM Storage, Query & Retrieve, Print, and DICOM DIR
- Support one monitor (Up to 2K resolution)
- Support Twain driver
- CD, DVD and MOD backup with auto-run viewer
- Image processing and editing capabilities:
  - ROI, Annotation, Measurement, Image stitching
  - Thumb-nail display
  - Pre-defined Windows Preset
  - Customize DICOM information overlay
  - Scout view for MR and CT images
  - Non-linear lookup table to get rid of most manual image quality adjustment
- Seamless interface with voice recognition system
- Support variable DICOM images including DICOM JPEG 2000

**10” x 12” Phosphor Plates & Cassettes (2)**

**14” x 17” Phosphor Plates & Cassettes (2)**

**► PC Platform:**

Dell OptiPlex 740

- AMD Athlon X2 3800+ (Dual Core)
- 2GB DDR RAM
- 160 GB SATA II Hard drive
- CD-RW, DVD +/- Burner
- Integrated 10/100/1000 Gigabit Ethernet
- 32-bit Microsoft Windows Professional SP2
- USB Mouse and USB Keyboard
- Integrated VGA. (Single Monitor)

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To include installation, training and shipping and handling