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, **Q**uery & **R**etrieve, **P**rint, 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)

To include installation, training and shipping and handling