

Mobile Digital Imaging System

This system is the first integrated mobile veterinary x-ray examination table, with a 8x10" DR Flat Panel, to provide x-ray capabilities in examination room and then can be wheeled directly into surgery suites or any room in your facility. It offers simple and accurate positioning with less movement of patient ensuring consistent, repeatable, and high quality images.

Features & Benefits:

- Elimination of film processing
- No odors or hazardous waste materials
- Faster, image display
- Decrease of patient x-ray retakes in some cases
- Image manipulation for and enhanced diagnosis (zoom, contrast, tilt, color, special filters, archiving, etc..)
- Less expensive to operate (eliminate chemicals, film and processor)
- Less time consuming, little maintenance, no processor cleaning
- Better reliability-consistent & repetitive high quality images
- Less patient stress, increased image diagnostic information & manipulation with less patient movement
- Capable of transmitting images via e-mail
- Archival, long-term storage and retrieval capabilities
- Approximately 50,000 images are stored in the computer for easy accessibility & transfer
- A comprehensive toolkit permits physicians to adjust image gray scale window/level, ensuring confidence in their assessments
- Transmits DR images using the DICOM format and protocol to any DICOM based PACS



System Includes:

- DR 200 Mobile 14x17 Flat Panel Imaging Unit
- Work Station Server Computer
- Interface cabling
- Full Featured Imaging Software
- Generator Tech Charts
- Ultra 12040HF
- Versa View Mobile X-ray Exam Table

Specifications:

Flat-panel Digital X-Ray Portable Detector:

- » Detecting Area - 14"x17"
- » Pixel Active - Area 5200x2800
- » Pixel Pitch - 150um
- » Pixel Size - 150x150um
- » Pixels - 6.7 million pixels
- » Active Array - 2400x2880
- » Active Area - 360x432mm
- » Xray Converter - Csi:T1
- » A/D Convert - 14bits
- » Voltage - AC 100~240V±10% (50/60Hz)
- » Operation Environment - 5-35°C, 20-75% RH (Non-Condensing)
- » DICOM Store - Interface to DICOM storage servers
- » Dimensions - Detector 491x480x15mm (14x17")
- » Weight 8.6LBS/3.8KG

Laptop or Desktop Computer:

- » Intel Dual Core 2.40 GHz, 3 MB/ DVD/RW
- » 160 GB Hard Drive, 9.5MM, 7200 RPM, Memory 2.0 GB, DDR3 SDRAM, 1 DMM
- » 23 LED Monitor, 19" with lap top, Dell-Compatible tower mini Server/Workstation
- » Dual core or Better, 2 GB RAM, - RAID 1 - 1 TB (2 x 1TB HDD)
- » Integrated Gigabit NIC, keyboard and mouse, 500R UPS
- » LG 20" Flat Panel LCD monitor 1600 x 1200 (2MP) Resolution



ULTRA 12040HF X-Ray Unit Advanced Features:

- » 120Kv, 40mA, 2.8kw HF. output maximum @ 123 watts / pound
- » Power cord, Two stage hand switch
- » Automatic Dynamic 2- Stage Line Power Compensator
- » Foot switch optional
- » Multiple kV settings: 40-120 kV Maximum in 1 kV increments
- » Anatomical Technique memory settings
- » 1.2 mm Focal spot, 50,000 high heat unit Toshiba X-ray Tube
- » Complete with tech charts and carry case
- » One-piece, 25 lbs., 6.75"H x 13.25"L x 7.5"W cabinet
- » Digital display of kV and mAs
- » Full Field Light beam collimator w/cassette size indicator
- » Dual Angle indicators dials,
- » .3 to 100 mAs in 26 step selections, maximum based on kV selected
- » Tape measure
- » Warranty: 2 Year Manufacturer Parts and Labor
- » Built in Dual Laser Pointers

Versa View Mobile X-ray Examination Table:

- » Handle bars with Portable X-Ray Unit Quick Mount assembly
- » Auto centering Cassette Tray
- » X-ray beam Travel Movements:
- » Transverse, Vertical, Lateral, Oblique, Angulations, Rotation
- » Horizontal Travel Simultaneous with Cassette Cabinet Movement
- » Grid shift control lever for cassette split view imaging capability
- » Table Top Size: 56" L x 24" W x 30" High, "Uro Track Top Design"
- » Adjustable Vertical Height SID 26"-36", Table Shelf: 55" L x 23" W
- » 250 lb Patent Weight Capacity
- » Polycarbonate semi transparent top