

Complete Digital Imaging System

The DR Navigator 14x17" Smart Panel 200 is one of the smallest sized - highest detail - self-contained digital imaging systems available. The DR Navigator 200 system is a silicon flat-panel digital X-ray detector with revolutionary CSI screen technology that captures radiographic images in digital format within seconds, eliminating the need for an X-ray film, phosphorescent plates or cassettes.

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 20,000 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

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:Tl
- » 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 DIMM
- » 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

