Trade-In

Manufacturer   *GE OEC*

Serial #   *E-20144*

Model   *9900 Elite*

Mfg. Date   *06/2006*

Condition   *Good working condition*

Components   *12"*

V.A. Medical Center

VA MEDICAL CENTER

2300 RAMSEY STREET

WAREHOUSE

FAYETTEVILLE, NC 28301

565-B50016

EQUIPMENT		QTY
Ziehm Vision RFD 30	VisionRFD30Config	1
Vision RFD 30 with Vascular Package[2]	302800-V	1
Remote Vision Center (w/ x-ray lamp and estop)[3]	302813	1
Ziehm Netport DICOM-software Image-Retrieve[4]	30336	1
CO2 Package[5]	30316	1
Removable grid[6]	302757	1
Trade-In Information	TradeInInfo	1
Trade-In Allowance[7]	TradeInAllowance	1

SERVICE		QTY	
Z-Academy Care[1]	302800ZAC	1	

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ZIEHM VISION R FD Digital Mobile C-arm with Flat Panel, Smart Vascular Package and 20kW Generator

Unsurpassed digital image quality with optimum dose efficiency. Designed to perform a wide range of surgical imaging applications with leading edge technology and state-of-the-art functionality. System includes 1.5k x 1.5k high resolution, 30cm x 30cm digital flat panel detector imaging, rotating anode x-ray tube and Unique Liquid Cooling of x-ray tube/ 20kW generator for unlimited fluoroscopy time. Proprietary Object Detected Dose Control (ODDC) software optimizes image quality and minimizes dose levels through automatic motion detection, automatic metal object correction, automatic dose reduction and automatic object detection for image optimization even when subject anatomy is at the periphery of the field of view. Simple user interface provided by intuitive Vision Center TFT control panel that includes anatomic program selection and technologist reference image display. Innovative *SmartVascular* user interface provides unequalled ease-of-use for angiographic procedures.

X-ray Generator

- 20kHz High Frequency, Monoblock
- 20 KW Power including high power boost caps, microprocessor controlled

X-ray Tube

- Rotating anode x-ray tube with 0.3/0.6 mm dual focus
- Max. anode heat content; 350 kHU / 260 kJ
- Max. anode heat dissipation: 1,000W
- Tube housing heat capacity:
    - Powered by Advanced Active Cooling and heat management system
    - 10 million HU system heat capacity
    - 100,800 HU/Min. continuous heat dissipation in clinical performance

Collimator System

- Dedicated asymmetric collimator for flat panel detector
- Collimator Rotation: +/- 90
- Iris Collimator: 50 – 198 mm diameter
- Slot Collimator: 50 – 198 mm diameter
- Virtual Collimation without radiation

Operating Values

- Pulsed Fluoroscopy
    - kV range: 40 – 120 kV
    - mA range: 1.5 – 200 mA
    - pulse width: 4 – 50 ms
    - pulse rate: 1, 2, 4, 8, 12.5, 25 pulses/sec
- Digital Snapshot Mode
    - kV range: 40 – 120 kV
    - mA range: up to 200 mA

Flat Panel Detector System

- 30cm x 30cm, amorphous silicon photodiode TFT technology
- Detector matrix: 1,536 x 1,536 pixels
    - Magnifier 1 : 1,024 x 1,024 pixels
    - Magnifier 2: 768 x 768 pixels
- System resolution 2.4 lp/mm
- Dynamic Range: 72dB
- Anti-scatter grid
- Laser aimer integrated in detector housing

Monitors

- Two, ultra-high resolution and brightness, 19" flat screen
- Resolution: 1,280 x 1,024 pixels
- Viewing angle: 178, Tilting +/- 10
- Brightness: 1,000 cd/m

Digital Image Processing

- Real-Time Processing Functions
  - Recursive Filter: 4 levels
  - Stack filter: 5 levels
  - Edge enhancement: 5 levels
  - Window and level
  - Digital image rotation without radiation
  - Grayscale inversion
  - Digital shutters
- Post processing Functions
  - Edge enhancement
  - Zoom
  - Image rotation
  - Windowing
  - Grayscale inversion
  - Image cropping

Application-Oriented Anatomical Programs

- Bone, heart, abdomen
- Metal, soft, large patient

Object Detected Dose Control

- Automatic object detection
- Automatic motion detection
- Automatic dose reduction
- Automatic metal correction

Image Acquisition

- Auto save
- Digital Cine Pulse with cine loop up to 12.5 frames/second

Digital Image Storage & Archiving

- 100,000 image memory
- USB 2.0 port, USB stick

Smart Vascular Package

- Innovative SmartVascular user interface
- DSA, Maximum Opacification (MSA), and Roadmap (RSA) functions
- Pixelshift and Landmarking
- Extremity, torso, and bolus chase programs for optimized image quality

User Interface

- TFT touch screens on C-arm and workstation with Smart-Eye technologist reference image
  - Intuitive icons for easy use
  - Patient annotation
  - SmartArchive for easy, fast image archive access and selection
  - 1, 4, or 16 image mosaic
  - Live image display on C-arm touch screen
- HIPAA security package
- X-ray enable key lock
- Air kerma dose display
- Footswitch

- Additional handrails on C
- New Color Concept
- Emergency Switch on C-arm

Ziehm Netport DICOM Package

- Includes interface and software for:
  - Storage Class and Storage Commit
  - Worklist Class, including MPPS
  - Query Class
  - Media Class
  - DICOM viewer software with auto-run for DVD or USB

Video Output Connector(s)

- CCIR (50Hz) connector provides signal for stand-alone printers or standard resolution monitors
- Two video connectors for external DVI display for left and right monitor in landscape mode

FRM 0824A

3		Remote Vision Center (w/ x-ray lamp and estop)
4		Ziehm Netport DICOM-software Image-Retriev
5		CO2 Package (Requires DSA, RSA & MSA)
6		Removable grid (for Ziehm Vision RFD 30x30 302803 & 302800)
7		Please note that the trade-in price is valid only for the system that is specified in the introduction section. Serial number must match.

1		**Z-Academy Care** "Service Training Tuition" – 5 day BioMed training, tuition only! –