XR PORT C-ARM, VAMC LAS VEGAS, NV
PO# 593-B71046

Trade-In

Manufacturer Ziehm Imaging

Serial # 90840

Model Vision2 FD

Mfg. Date 08/2012

Condition Hard Drive Removed

Components

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SHIP TO:
SUPPLY WAREHOUSE B71046
V.A. Medical Center
5406 E. EL CAMPO GRANDE
AVE. SUITE 150
LAS VEGAS, NV 89115
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Summary

EQUIPMENT	QTY
Vision RFD 30 for General Purpose 25kW [3]	1
Laser positioning device integrated in x-ray tube housing [4]	1
WLAN W1 Kit [5]	1
Z-Complete Care: on Vision RFD 30 PER YEAR [6]	1

SERVICE	# OF YRS
Z-Complete Care: After Warranty Parts, Labor & Glassware on Vision RFD 30 [2]	2

TRAINING	QT
Z-Academy Care: Service Training Tuition on Vision RFD 30 [1]	1

PRODUCT SPECIFICATIONS

| 3 | ***ZIEHM VISION R FD Digital Mobile C-arm with Flat Panel for General Purpose Imaging with 25kW 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 flat panel detector digital imaging, rotating anode x-ray tube and Unique Liquid Cooling of x-ray tube/ 25 kW 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.

X-Ray Generator [3]

- 40kHz High Frequency, Monoblock
- 25 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; 365 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 pre-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 – 250 mA
    - pulse width: 7 – 40 ms
    - pulse rate: 1, 2, 4, 8, 12.5, 25 pulses/sec
- Digital Snapshot Mode
    - kV range: 40 – 120 kV
    - mA range: up to 250 mA
- Digital Cine Pulse
    - kV range: 40 – 120 kV
    - mA range: up to 250 mA
    - pulse width: 7 – 40 ms
    - pulse rate: up to 8 pulses/sec, 8 frames / second

Flat Panel Detector System

- 30cm x 30cm, amorphous silicon photodiode TFT technology
- Detector matrix: 1,536 x 1,536 pixels

| 3 | |

- 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, pediatric

Object Detected Dose Control

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

Image Acquisition

- Auto save
- Cine loop, up to 8 frames/second

Digital Image Storage & Archiving

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

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

4		Laser positioning device integrated in x-ray tube housing
5		Ziehm WLAN W1 Kit (one access point at the Monitor Cart) NOTE: The possibility of integration into an existing WLAN network has to be confirmed by Ziehm Imaging individually
6		**Z-Complete Care:** On-Site Service Coverage and Technical Phone Support Coverage on weekdays from 7:00 am to 7:00 pm (Eastern Time Zone); One Preventative Maintenance (PM) per Year during contract hours; Service may be performed by Ziehm Service Technician or an Authorized Service Provider; Covers Glassware – Full Coverage of the systems I.I., Flat Detector, X-Ray Tube and Monitors. After-hours service available at standard hourly rate.

| 1 | | **Z-Academy Care**: Service Training Tuition on Vision RFD 30 (Excludes airfare and hotel) |

| 2 | | **Z-Complete Care:**
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