



X-Ray Imaging Technologies
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An XR Imaging Network Company

"We care about your image"

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**Remanufactured GE/OEC 9800 ESP Mobile C-Arm- 9" II
With NEW LED Flat Screen Monitors**

The Process includes but is not limited to the following:

- ✓ Complete dismantling of the c-arm assembly for structural assessment
- ✓ New batteries
- ✓ Bearings inspected and replaced as needed in the vertical column
- ✓ Repair and replacement of parts found defective in assemble
- ✓ Welding of structural damages to the monitor cart and/or c-arm
- ✓ HIPAA compliant system
- ✓ Complete cosmetic repair of c-arm and monitor cart
- ✓ Repainted in new OEC color schemes
- ✓ Looks and runs like a new unit
- ✓ Many other new parts and items too numerous to list

System Specs:

- Expanded Surgical Package
- High resolution 1k X 1k CCD Camera
- **9" or 12" Triple Field Image Intensifier-Available**
- Rotating Anode X-Ray Tube
- **NEW High Definition LED Flat Screen Monitors, touchscreen**
- Patient directory with minified image scroll
- Anatomical marker
- Continuous high level fluoro up to 20 mA
- Digital spot up to 75 mA
- **DICOM 3.0**

12"/9"/6" Tri-field image intensifier

- ✓ Image system tested for stability and balance
- ✓ Image Intensifier tested for resolution and gain to meet OEM specifications
- ✓ X-Ray beam aligned

ESP (Expanded Surgical Package):

- 400 image storage with Last Image Hold
- Zoom and Roam function
- Image annotation
- Measurement software
- Patient annotation keyboard
- Automatic Digital Brightness and Contrast Control
- Digital spot mode
- Anatomical markers

Digital Imaging Processing and Workstation

- 1K x1Kx 16 bit digital image processing
- **NEW High Definition LED Flat Screen Monitors, touchscreen**
- AutoTrak™ automatic brightness stabilization

- Noise filter with on-screen indicator
- Real-time motion artifact and noise reduction system
- Real-time variable edge enhancement
- Negate mode
- ✓ Structural components repaired to like new status
- Automatic and manual contrast and brightness control
- Save and auto save, swap and auto swap features
- Patient information/Image directory
- Ambient room light sensor
- Multi-LED X-ray “on” indicator
- X-ray Dose Summary

Generator

- All kV and Ma stations calibrated to be within OEM specs
- High frequency generator
- 15kW, 60 kHz high frequency
- Full power from standard wall outlet (120V, 16 amp)
- Patented battery buffered design
- 40 to 120 kVp range
- 0.2 to 10 mA range, fluoroscopy
- 1 to 20 mA range, high level fluoroscopy
- Pulsed fluoroscopy mode 1, 2, 4, and 8 pulses per second
- Digital spot mode up to 75 mA
- High level pulsed fluoro mode up to 40 mA at 1, 2, 4, or 8 pulses per second

X-Ray Tube

- ✓ Rotating anode tube tested for noise and coast time
- ✓ Tube inspected by EDI for target integrity
- Focal spots: 0.3 mm and 0.6 mm
- Anode heat capacity: 300,000 HU
- Housing heat capacity 1,600,000 HU

Pulsed Fluoro Mode

- kVp range: 40 - 120
- mA range: 0.2 - 10
- Pulse rate: 1, 2, 4, 8
- Pulse Width: 25 or 50ms
- AutoTrak™ ABS, mA, kVp, camera gain
- Reduces X-ray dose to patient and operator

High Level Pulsed Fluoro

- kVp range: 40 - 120
- mA range: 1 - 40
- Pulse rate: 1, 2, 4, 8
- Pulse Width: 25 or 50ms
- AutoTrak™ ABS, mA, kVp, and camera gain

Collimator

- ✓ Rebuilt to OEM Specs
- Iris collimation with dual opposing semi-transparent shutters allow elliptical, round and rectangular collimation.
- Dual leaf Collimation

C-Arm Physical Specs:

- Free Space in Arc: 31”
- Depth of Arc: 26”
- Arc orbital movement: 111 Degrees

- Left/Right wig-wag scan: +/- 11 Degrees
- Vertical Travel: 18" motorized
- Horizontal travel: 8"
- L-arm rotation: +/- 180 degrees
- C-Arm Length: 78.5"
- Max. Height: 68.25"
- Width: 33"

Monitor Cart Specs

- Width: 27.25"
- Height: 68.25"
- Depth: 27.25"



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