

Refurbished OEC 6800 Mini C-arm



Your Partner In Imaging

EDI OEC 6800 Mini C-arm Refurbishing Process

All OEC 6800 systems go through a multi-step refurbishing process that is the most extensive in the industry. Hand Surgery, Podiatry, Orthopedic and Rehabilitation Services are just a few of the applications utilizing the EDI refurbished OEC 6800 C-arm.

The 1Kx1K CCD camera technology used in the OEC 6800 image system allows for crisp, clear imaging. For whatever the purpose, an EDI refurbished OEC 6800 will deliver the results you can depend on.



Mechanical repairs/cosmetic maintenance

- All defective parts and covers are repaired or replaced
- Monitor cart is disassembled and repainted or retouched as necessary
- X-ray tube removed and inspected
- Image intensifier removed and inspected for any imperfections and grid integrity
- Camera removed, cleaned and tested to OEM Specs
- Casters removed, cleaned and or replaced
- All bearings are inspected, cleaned and re-lubricated, or replaced as needed
- Control panel display is tested and replaced if necessary
- All locks and brake assemblies are inspected, cleaned, and repaired or replaced as needed
- A complete set of operator and service manuals are provided

Re-assembly

- All components sent to C-arm reassembly area for rebuilding
- Monitor cart rebuilt, II, tube, camera and casters reassembled
- CRT monitors installed in monitor cart
- When C-arm is completely rebuilt mechanically, system is sent for calibration and final testing

Testing/calibration

- Image intensifier and X-ray tube are tested for stability and balance
- Image intensifier is tested for resolution and gain to be within OEM specifications
- X-ray tube radiation output is verified to be within OEM specifications
- X-ray generator high voltage tested
- Maximum dose rate is set in compliance with government regulations
- CCD camera calibrated to OEM specifications
- X-ray beam is aligned for each field size
- C-arm is tested for current leakage requirements
- All monitors are aligned, resized, centered and focused
- All monitors are adjusted for brightness and linearity
- Video system is optimized for gray scale and resolution
- All power supplies are tested and calibrated or replaced as necessary

C-Arm Specifications:

- Free Space: 12"
- Depth: 14.5"
- SID: 14.9"
- Orbit Rotation: 110 degrees
- Rotation: +/- 200 degrees
- Wig-Wag: 180 degrees
- Vertical Travel: 24"
- Extension: Up to 55"

Mechanical Specs:

- Height: 64"
- Width: 27"
- Depth: 27"
- Footprint: 5 sq. ft.

Power Requirements:

- Input power: 60Hz
- 100-120V 15A
- 200-240V 8A



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