

Remanufactured OEC 6800 Mini C-arm



Your Partner In Imaging

EDI OEC 6800 Mini C-arm Remanufacturing Process

All OEC 6800 systems go through a multi-step remanufacturing process. EDI takes great pride in the fact that each unit is restored to a like-new status. Hand Surgery, Podiatry, Orthopedic and Rehabilitation Services are just a few of the applications utilizing the EDI remanufactured OEC 6800 mini 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 remanufactured OEC 6800 will deliver the results you can depend on.



Mechanical repairs/cosmetic maintenance

- All defective parts and covers are repaired or replaced
- C-arm is completely disassembled and repainted
- "C" is removed from main frame assembly
- Image intensifier removed and inspected for any imperfections and grid integrity
- Camera removed, cleaned and tested to OEM Specs
- Wheels removed, cleaned and or replaced from main chassis
- Chassis inspected for structural defects and repaired as necessary
- All bearings are inspected, cleaned and re-lubricated, or replaced as needed
- Control panel display is tested and replaced if necessary
- All wheels are inspected and lubricated and/or replaced as needed, with new cable pushers installed
- All locks and brake assemblies are inspected, cleaned, and repaired or replaced as needed
- C-arm is completely disassembled and repainted
- A complete set of operator and service manuals are provided

Re-assembly

- All components sent to C-arm reassembly area for rebuilding
- "C", Image tube and camera, main control and power cable installed
- New CRT monitors installed in monitor cart
- Monitor cart rebuilt
- 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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