Refurbished OEC 9600 C-arm

Your Partner In Imaging

EDI OEC 9600 C-arm Refurbishing Process

All OEC 9600 systems go through a multi-step refurbishing process. EDI takes great pride in the fact that each unit is restored to a like-new status. Pain Management, Orthopedic and Rehabilitation Services are just a few of the applications utilizing the EDI refurbished OEC 9600 C-arm. The rotating anode allows for greater penetration and resolution for the lumbar area, when performing needle localizations or other work involving the thicker anatomical areas. The CCD technology used in the 9600 image system allows for crisp, clear imaging. For whatever purpose, an EDI refurbished OEC 9600 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 needed
- X-ray tube removed and inspected for artifacts and internal integrity
- Image intensifier removed and inspected for any imperfections and grid integrity
- Camera removed, cleaned and tested
- Casters removed, cleaned and/or replaced
- Vertical lift assembly is tested for drift and adjusted/replaced if necessary
- 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
- Steering is tested and adjusted as required
- Foot switch and hand switch provided on each unit
- 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, with NEW high definition LED flat screen monitors installed
- 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 bearings are tested for noise and coast time
- X-ray tube filaments and stator windings are tested
- 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
- LED monitors are aligned, resized, centered and focused
- LED 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

Technical Specifications

Generator

- High frequency generator 4.0 KW full-wave
- Up to 120 KVP and 75MA for radiographic exposures
- Continuous fluoro-mode up to 5MA
- One shot frame integration (low, medium, high)
- Full power from standard 110V 15A Or 220V 8A outlet
- Patented energy buffer design X-Ray Tube
- Rotating anode X-ray tube
- Focal spots: 0.3 - 0.6 mm
- 300,000 HU Anode heat capacity

Physical Specifications

- Free Space in Arc - 31”
- Depth of Arc: 26”
- Arc orbital movement: 115 Degrees
- Left/Right wig-wag scan: +/- 11 degrees
- Vertical Travel: 18” motorized
- Horizontal travel: 8”
- L-arm rotation: +/- 180 degrees

C-arm Dimensions

- Length: 78.5”
- Height 68.25”
- Width: 33”

Workstation Dimensions

- Width: 27.25”
- Height 68.25”
- Depth: 27.25”

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Eastern Diagnostic Imaging
597 Winthrop Street
Taunton, MA 02780
508-828-2970, Fax: 508-828-2973
www.easterndiagnostic.com