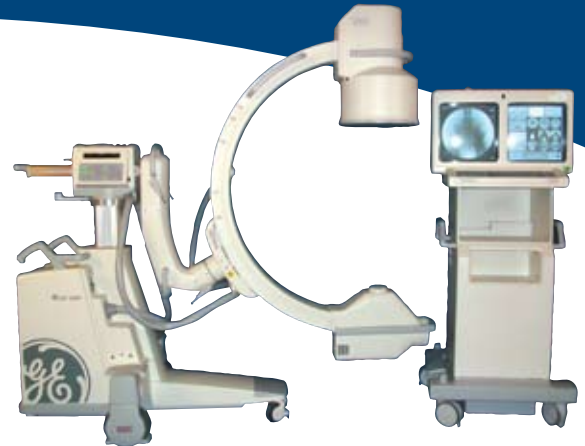


OEC 9800 Remanufactured C-Arm

Remanufactured OEC 9800 C-arms from Huestis Medical offer excellent imaging results at a remarkable price. Even more remarkable is our ability to deliver performance and safety features guaranteed to meet or exceed original manufacturer's specifications.

Thoroughly remanufactured, our OEC 9800 C-arms are restored to like-new condition through multi-step processes. We disassemble, mechanically and electronically restore, refinish, calibrate, and perform final testing and QA on each C-arm. Our full line of OEC C-arms offers imaging excellence, and reliability, at an affordable price.



X-Ray System

Generator

- 60 KHz high frequency
- 15 kW power
- Up to 120 kVp
- Up to 75 mA for radiographic film exposure
- Continuous high level fluoro (HLF) up to 20 mA
- Digital spot up to 75 mA
- Digital cine pulse
 - 15 or 30 pulses per second
 - Up to 150 mA
 - 10 ms pulse width
- Full power from standard wall outlet
- Patented battery buffered design

X-Ray Tube

- Rotating anode
- Focal spots: 0.3 mm and 0.6 mm
- Anode heat capacity: 300,000 HU
- Housing heat capacity: 1,600,000 HU

Video Imaging System

9 in Image Intensifier

- Tri-mode 9 in/6 in/4.5 in (23 cm/15 cm/11 cm) image intensifier
- Minimum central resolution (at the monitor):
 - 9 in (23 cm): 2.1 lp/mm
 - 6 in (15 cm): 2.9 lp/mm
 - 4.5 in (11 cm): 3.4 lp/mm
- DQE: 65% (typical)

12 in Image Intensifier

- Tri-mode 12 in/9 in/6 in (31cm/23 cm/15 cm) image intensifier
- Minimum central resolution (at monitor):
 - 12 in (31 cm): 1.5 lp/mm
 - 9 in (23 cm): 2.1 lp/mm
 - 6 in (15 cm): 2.6 lp/mm
- DQE: 65% (typical)

Video Camera

- High resolution 1k x 1k CCD camera
- Full frame capture
- Motorized rotation
- On-screen orientation indicator (real-time feedback without fluoro)
- Left-right image reversal
- Top-bottom image invert

Video Monitor

- Dual 16 in (41 cm) square monitors
- Anti-glare, progressive full frame scan monitor
- Touch screen system control
- 1,000 line high resolution monitors
- Ambient room-light compensation

Image Processing

GSP Platform

- 1k x 1k x 16 bit image processing
- Noise filter with on-screen indicator
- MANRS (real-time motion artifact and noise reduction system)
- Real-time variable edge enhancement
- Automatic digital brightness and contrast control
- Manual digital brightness and contrast control
- Negate mode
- Save and auto-save feature
- Swap and auto-swap feature
- Patient information
 - Customized patient information menu
 - DICOM worklist schedule (optional)
- Multi-purpose image directory
 - Retrieve and review images
 - Compose hardcopy films
 - Copy images
- X-ray dose summary
- Customize functions
 - Workstation set-up
 - Mainframe set-up

- Patient informations set-up
- Date/time set-up
- DICOM 3.0 interface set-up (optional)

- Last image hold
- 63 image storage
- Removable PC diskette image transfer and archive
 - 512 x 512 or 1k x 1k
 - BMP or OEC format

ESP (Expanded Surgical Platform)

Includes all the GSP features and:

- 400 image storage
- Zoom and roam function
- Image annotation
- Measurement software

ESP with 15 fps Digital Disk

Includes all the 8 fps ESP features and:

- 15 fps Dynamic digital disk
 - Recording/playback rate: 1, 2, 4, 8, 15 fps
 - Automatic image playback capability
 - Frame-by-frame review
 - Recording time: 10 minutes at 15 fps

Vascular

Includes all the Basic Vascular features and:

- Digital cine pulse mode
 - 15 pulses/sec
 - Up to 150 mA
 - 10 ms pulse width
- 15 fps Dynamic digital disk
 - Recording/playback rate: 1, 2, 4, 8, 15 fps
 - Recording time: 10 minutes at 15 fps (time depends on record frame rate)
- Auxiliary X-ray tube cooling

OEC 9800 Remanufactured C-Arm (continued)

Neurovascular

Includes all the Vascular features and:

- 30 fps Dynamic digital disk
 - Recording/playback rate: 1, 2, 4, 8, 15, 30 fps
 - Recording time: 10 minutes at 30 fps

ELECTRICAL

Model	Voltage	Current	Frequency
9800	120 V	15 A	60 Hz/50 Hz
9800 Cardiac Super C	120 V	20 A	60 Hz/50 Hz

PHYSICAL

Description	9 in I.I. (23 cm)	12 in I.I. (31 cm)	Super "C" 9 in I.I. (23 cm)
C-arm length	75.9 in (193 cm)	78.8 in (200 cm)	78.3 in (199 cm)
C-arm height	69.8 in (177 cm)	72.5 in (184 cm)	70.5 in (179 cm)
C-arm width	33 in (84 cm)	33 in (84 cm)	33 in (84 cm)
SID	39.4 in (100 cm)	39.4 in (100 cm)	39 in (99 cm)
Free space in arc	31 in (79 cm)	31 in (79 cm)	31 in (79 cm)
Depth in arc	26 in (66 cm)	28 in (71 cm)	33 in (84 cm)
Orbital rotation	115° (90°/25°)	115° (90°/25°)	148° (93°/55°)
Lateral rotation	360° (180°/180°)	360° (180°/180°)	360° (270°/90°)
Flip/flop	180°/90°	180°/90°	N/A
Wig/wag	20°	20°	20°
Horizontal travel	8 in (20 cm)	8 in (20 cm)	8 in (20 cm)
Vertical travel	18 in (46 cm)	18 in (46 cm)	18 in (46 cm)
Workstation height	64 in (163 cm)	64 in (163 cm)	64 in (163 cm)
Workstation width	27 in (69 cm)	27 in (69 cm)	27 in (69 cm)
Workstation depth	27 in (69 cm)	27 in (69 cm)	27 in (69 cm)

