

## GE OEC 9600 C-Arm



The GE OEC 9600 C-Arm is a multi-application mobile X-ray imaging system that provides solutions to the most demanding needs in Pain Management, General, Orthopedic, Vascular, and Neurovascular surgeries. The GE OEC 9600 is the most popular c-arm in the market today, offering a true digital imaging system with crisp, clear images, robust penetration power and excellent resolution.



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# GE OEC 9600 C-Arm

## X-Ray System

### Specialty Packages Available

- GSP
- ESP
- Vascular
- Vascular 4/8/15 fps
- Neurovascular 30 fps
- Cardiac 30 fps
- Super C

### Generator

- High frequency
- 4.0 kW full-wave
- Up to 120 kVp
- Up to 75 mA for radiographic film exposures
- Continuous fluoro boost mode up to 12 mA (optional)
- Pulsed fluoro mode
- Pulsed fluorography mode up to 40 mA (optional)
- Full power from outlet:
  - 50 Hz or 60 Hz
  - 100V-15A to 240V-8A
- Patented energy buffer design

### X-Ray Tube

- Rotating anode X-ray tube
- Focal spots: 0.3 mm and 0.6 mm
- Anode heat capacity: 300,000 HU
- Anode cooling rate: 60,000 HU/min
- Housing heat capacity: 1,600,000 HU
- Anode diameter: 3.1 in.
- Anode angle:
  - 8.5 in. (9-inch Image Intensifier)
  - 10 in. (12-inch Image Intensifier)
- X-ray tube cooling fan (Vascular, Neurovascular & Cardiac units)

### Collimator

- Iris collimator with dual opposing semi-transparent shutters allow elliptical, round and rectangular collimation
- Iris and shutters are continuously variable
- All functions remotely controlled from the C-Arm control panel

### Fluoroscopy Mode

- Focal spot: 0.3 mm
- kVp range: 40 - 120 kVp
- mA range: 0.2 - 5.0 mA normal mode
- mA range: 1.0 - 12 mA continuous fluoro boost mode
- Auto and manual modes
- Continuous, one-shot or pulsed operation
- ABS varies mA, kVp and camera gain
- User specific ABS tables

### Pulsed Fluoroscopy Mode

- Focal spot: 0.3 mm
- kVp range: 40 - 120 kVp
- mA range: 0.2 - 5.0 mA
- Pulse rate: 1, 2, 4, or 8 pulses per second
- Pulse width: 30 or 50 milliseconds
- Computer controlled ABS, mA, kVp and camera gain

### Pulsed Fluorography Mode (optional)

- Focal spot: 0.3 mm
- kVp range: 40 - 120 kVp
- mA range: 0.2 - 40.0 mA
- Pulse rate: 1, 2, 4, or 8 pulses per second
- Pulse width: 30 or 50 milliseconds
- Computer controlled ABS, mA, kVp and camera gain

### Digital Spot Mode (optional)

Standard with the Expanded Surgical Platform (ESP)

- Enhanced digital fluorographic one-shot with 12 mA boost
- Automatically terminates exposure and stores enhanced image to storage archival disk

### Radiographic Mode

- Focal spot: 0.3 mm or 0.6 mm
- Focal spot automatically selected
- 0.3 mm - mAs range: 1 - 100 mAs
- 0.6 mm - mAs range: 110 - 300 mAs
- kVp range: 50 - 120 kVp

## Video Imaging System Image Intensifier

### 9 in Image Intensifier

- Tri-mode 9 in. / 6 in. / 4.5 in. image intensifier
- Minimum central resolution (at the monitor):
  - 9 in.: 1.4 lp/mm
  - 6 in.: 2.0 lp/mm
  - 4.5 in.: 2.4 lp/mm
- DQE: 65% (typical)

### 12 in Image Intensifier (optional)

- Tri-mode 12 in. / 9 in. / 6 in. image intensifier
- Minimum central resolution (at the monitor):
  - 12 in.: 1.0 lp/mm
  - 9 in.: 1.3 lp/mm
  - 6 in.: 1.6 lp/mm
- DQE: 65% (typical)

### Video Camera

- High resolution CCD camera
- Full frame capture
- 360° motorized rotation
- On-screen orientation indicator (real-time feedback without fluoro)
- Left-right image reversal
- Top-bottom image reversal
- Negative mode
- Video signal: Standard RS 170A 60 Hz, 525 lines
- Aspect ratio: 4:3
- Computer controlled features:
  - Gain
  - Blanking
  - Camera iris

### Video Monitors

- Dual 16 in square, black etched, anti-glare, anti-static
- 525 lines/frame - 512 pixels
- Ambient room light sensor
- Multi-LED X-ray "ON" indicator
- Remote window/level controls

### Hardcopy Options

- Thermal printer
- External DICOM box
- Image Capture Device
- Laser aiming device (optional)

### C-Arm Dimensions

- Height: 68 / 86 in (1734 / 2191 mm)
- Width: 33 in (838 mm)
- Length: 78 in (1994 mm)
- Weight: 720 lbs.

### Workstation Dimensions

- Height: 64 in (1632 mm)
- Width: 27 in (692 mm)
- Depth: 27 in (692 mm)
- Weight: 430 lbs.



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Note: The technical data given in this publication is for general information and are subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.