



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.

## Features

- Dual 16-inch high resolution square monitors.
- 4.0 kW generator.
- Rotating anode x-ray tube.
- Iris collimation with dual opposing shutters.
- High resolution CCD camera.
- Fluoroscopy and Pulsed Fluoroscopy modes.
- Pulse Fluorography mode.
- Modules for expansion.



# Specifications

## Specialty Packages Available

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

## C-Arm Dimensions

**Height:** 68 / 86 in (173.4 / 219.1 cm)

**Width:** 33 in (83.8 cm)

**Length:** 78 in (199.4 cm)

**Weight:** 720 lbs (326.6 kg)

## Workstation Dimensions

**Height:** 64 in (163.2 cm)

**Width:** 27 in (69.2 cm)

**Depth:** 27 in (69.2 cm)

**Weight:** 430 lbs (195 kg)

## 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

## 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

## 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 collimation 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

**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

## 9-Inch 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-Inch Image Intensifier

Tri-mode 12 in. / 9 in. / 6 in. image intensifier

Minimum central resolution (at the monitor):

- 12 in: 1.4 lp/mm
- 9 in: 2.0 lp/mm
- 6 in: 2.4 lp/mm

**DQE:** 65% (typical)

## Video Camera

High resolution CCD camera

Full frame capture

360° motorized rotation

On-screen orientation indicator (realtime 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

