

Product Overview

The GE OEC 9400 C-Arm is a multi-application mobile x-ray imaging system that provides solutions for the most demanding needs in general, orthopedic, and vascular surgeries as well as pain management. The GE OEC 9400 is a reliable and complete unit, offering clear images, enhanced penetration power and resolution.



Features

Specialty Packages Available

- Clinical Platform
- Expanded Surgical Platform
- Expanded Surgical Platform 4
Frames per Second
- Special Procedure Module
- Special Procedure Module 4/30 FPS

Specifications

Generator

- 2.5 kHz High frequency
- 6.0 kW Full-wave
- Up to 120 kVp
- Up to 100 mA for radiographic film exposures
- Fluoro boost mode up to 20 mA (optional)
- Pulsed fluoro mode
- Pulsed fluorography mode up to 60 mA (optional)
- Full power from outlet:
- 50 Hz or 60 Hz
- 100V-15A to 240V-12A

Specifications Continued on Next Page

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



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications Continued

X-Ray Tube

Rotating anode X-ray tube
Focal spots: 0.3 mm and 0.1 mm
Anode heat capacity: 300,000 HU
Anode cooling rate: 70,000 HU/min
Housing heat capacity: 1,250,000 HU

Collimator

Dual leaf collimation
Minimum beam size < 5 X 5 cm²
Leaves are continuously variable
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: Up to 20 mA boost mode (optional)
Auto, manual and pulsed modes
Continuous or One-Shot operation
ABS varies mA, kVp and camera gain
User specific ABS tables

Pulsed Fluoroscopy Mode (optional)

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: Up to 60 mA
Pulse rate: 1, 2, 4, or 8 pulses per second
Pulse width: 35 or 50 milliseconds

Radiographic Mode

Focal spot: 0.3 mm or 1.0 mm
Focal spot automatically selected
0.3 mm - mAs range: 1 – 100 mAs
1.0 mm - mAs range: 100 – 300 mAs
kVp range: 50 – 120 kVp

Video Imaging System Image Intensifier

6 in Image Intensifier

Single-mode 6 in image intensifier
6 in.: 1.4 lp/mm
DQE: 65% (typical)

9 in Image Intensifier (optional)

Tri-mode 9 in / 6 in / 4.5 in image intensifier
9 in.: 2.3 lp/mm
6 in.: 3.2 lp/mm
4.5 in.: 3.8 lp/mm
DQE: 65% (typical)

Video Camera

Vidicon Image Tube
525 lines/frame
360° motorized rotation
On-screen orientation indicator (realtime feedback without fluoro)
Left-right image reversal
Top-bottom image reversal
256 shades of gray

Video Monitors

Dual 17 in. Ultrabrite anti-glare monitors
Ambient room light sensor
Remote brightness/contrast controls

Specifications Continued on Next Page

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



Seattle Technology
3915 152nd St NE
Marysville, WA 98271

1.800.827.3747

stsurg.com

Specifications Continued

Hardcopy Options

Thermal printer
External DICOM box
Image Capture Device

C-Arm Dimensions

Height: 66 in. / 83 in. (1681 / 2120 mm)
Width: 34 in. (864 mm)
Length: 74.5 in. (1892 mm)
Weight: 740 lbs

Workstation Dimensions

Height: 65 in. (1651 mm)
Width: 32 in. (813 mm)
Depth: 28 in (710 mm)
Weight: 360 lbs.