

OEC 9900 C-Arm



The GE OEC 9900 C-arm offers the following features:

- Improvements on some of the higher level vascular features
- USB storage
- Articulating flat screen monitor displays

Integrity Medical Systems, Inc.

13831 Jetport Commerce Parkway • Fort Myers , FL 33913

800-722-3646 • 239-454-9555

www.integritymed.com



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: 85,000 HU/min
- Housing heat capacity: 1,600,000 HU
- Standard housing cooling 15,000 HU/min.
- Passive housing cooling system: 22,500 HU/min. (Standard on 12 inch (31 cm) I.I. systems.

Generator

- 60 kHz High frequency
- 15 kW full-wave
- Up to 120 kVp
- Up to 75 mA for radiographic film exposures
- Continuous high level fluoro up to 20 mA
- Pulsed fluoro mode
- Pulsed fluorography mode up to 40 mA
- Digital spot up to 75 mA
- Full power from outlet:
 - 50 Hz or 60 Hz
 - 120V-12A or 240V-10A

Specialty Packages Available

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

PreView™ Collimator

- On-screen collimator position indication
- PreView™ iris collimator
- PreView™ Tungsten rotatable double leaf collimator
- Adjusts collimators without X-ray exposure

Fluoroscopy Mode

- Focal spot: 0.3 mm
- kVp range: 40 – 120 kVp
- mA range: 0.2 – 10 mA normal mode
- mA range: 1.0 – 20 mA high level fluoro
- Auto and manual fluoro modes
- Continuous, one-shot or pulsed operation
- AutoTrak™ ABS varies mA, kVp, camera gain

Pulsed Fluoroscopy Mode

- Focal spot: 0.3 mm
- kVp range: 40 – 120 kVp
- mA range: 0.2 – 10 mA
- Pulse rate: 1, 2, 4, or 8 pulses per second
- Pulse width: 25 or 50 milliseconds
- AutoTrak™ ABS, mA, kVp, camera gain
- Reduces X-ray dose to patient and operator

High Level Pulsed Fluoro

- Vp range: 40 – 120 kVp
- mA range: 1 – 40 mA
- Pulse width: 25 or 50 milliseconds
- Pulse rate: 1, 2, 4, or 8 pulses per second
- AutoTrak™ ABS, mA, kVp, and camera gain

Digital Spot Mode:

- kVp range: 40 – 120 kVp
- mA range: Up to 75 mA
- Automatic exposure termination
- Automatic image save

Video Monitors

- Dual 18" (46cm) display anti-glare, LCD at panel monitors mounted on an articulating arm
- 22" horizontal travel
- 7° up /10° down
- Monitors viewable from all four sides of workstation
- Horizontal and vertical viewing angle 170°
- 700 CD/M2 maximum brightness
- Touch screen system control
- 1280 x 1024 high resolution monitors
- Ambient room-light compensation
- Integrated color monitor for display of VGA, DVI, DVI-D, S-VHS

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 reversal

C-Arm Dimensions

- Height: 69.7 / 87.7 in (1770 / 2228 mm)
- Width: 33.5 in (851 mm)
- Length: 77.8 in (1976 mm)
- Weight: 610 lbs (277 kg)

Workstation Dimensions

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

Actual configuration on the unit may vary.
Contact a sales representative for a complete list of details.

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