



Flexible in every way, the GE OEC FlexiView 8800 is a mobile fluoroscopy system that is economical and has been proven to have low, long-term operating costs. Flexible – as it was designed for ease of movement and transportation; so you can take it where you need it, be it the inpatient or the outpatient setting.

It covers most conventional intraoperative imaging needs, offering 1k x 1k 16-bit image processing and a full-frame CCD camera. Its digital capabilities include AutoTrak control, which follows the movement of anatomical structures to keep images sharp. It also has real-time edge enhancement and digital zoom and roams. The OEC FlexiView 8800 is flexible because it can be expanded to have road mapping and subtraction capabilities; good for vascular and interventional procedures. An optional onboard instant film and paper printer with the quality of a laser camera hard copy can produce instant copies – no more waiting for the film to return from the darkroom. Images can be saved to removable storage media or transferred through a DICOM connection.

It is flexible because it works with you. It has 45-degree overscan capability, and it can be operated via the touchscreen workstation, hand-held remote control, or foot pedal. Simply select the imaging mode, press the x-ray exposure switch, and the machine will choose the imaging parameters necessary for the best possible image.

Features

- 20 kHz high frequency, 2.2 kW generator
- Touchscreen controls
- PreView Collimation
- 1k x 1k 16-bit image processing
- Full-frame CCD camera
- AutoTrak ABS control
- Digital zoom and roam
- Real-time edge enhancement
- Infra-red remote control
- Roadmapping and subtraction
- 45-degree overscan
- Expansion packages



Specifications

Operating Parameters

Type: Switched design, 22 kHz Nominal Operating Frequency
 kVp Accuracy: \pm (3% or 3 kVp) greater of the two
 mA Accuracy: \pm (10% or 0.05 mA)
 mAs Accuracy: \pm (5% or 2 mAs)
 Linearity: Film mode linearity < 0.08
 Reproducibility: C.O.V. < 0.04
 Focal Spot: 0.6x1.4mm Small filament, 1.4mm Large filament
 Fluoroscopy Duty Cycle: 70 kVp @ 1.0 mA Continuous,
 Film Mode Duty Cycle: 110 kVp @ 20 mA, 4 seconds (80 mAs) 30 times per hour
 Pulse Width Accuracy (Pulsed & HLF Pulsed Mode): \pm (10%)

Fluoroscopy

Nominal diameter circle for 9/6/4-inch II system:
 23 cm (9-in.)
 15 cm (6-in.)
 11 cm (4.5-in.)
 Continuously adjustable to an area less than 5 cm x 5 cm, measured at the image receptor plane (II input surface).

Radiography

Nominal diameter circle 9-inch II system:
 23 cm (9-in.)
 Continuously adjustable to an area less than 5 cm x 5 cm, measured at the image receptor plane (II input surface).

X-Ray Source

Type: Lohmann 110/3DF (Stationary Anode)
 Focal Spot: Dual, 0.6 x .4 mm and 1.4 mm
 Target Angle: 95 degrees

Environmental Requirements

Ambient Temperature: Operating: 50° to 95° F (+10° to +35° C)
 Extended storage and Transportation: > 2 days: 32° to 104 ° F (0° to +40° C)
 Short-term Storage and Transportation: < 2 days: 14 ° to 131 ° F (-10° to +55° C)
 Storage and transportation Altitude: 15,000 ft. (4572 meters) Maximum
 Operating Altitude: 10,000 ft. (8048 meters) Maximum
 Humidity: Operating: 20 to 80%, Non-condensing
 Storage and Transportation: 10 - 80%, condensing
 Shock and Vibration: 1G at 5-200 Hz for 2 hours

