

9900 Specifications

Generator

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

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.)

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 HLF. (high level fluoro.)
- Auto and manual 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: 30 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 and automatic image save.

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.

Video Monitors

- Dual 18" (46cm) display anti-glare, LCD flat 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.

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.)