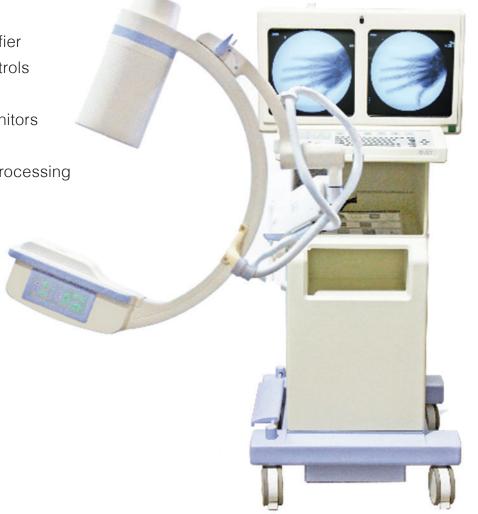


The **GE MiniView 6800** is a perfect fit for sports medicine, orthopedics, and veterinary medicine. The GE 6800 is the first Mini C-arm to use 1k2 imaging and a touchscreen interface. The 6800 provides many of the components of a full sized system at a fraction of the cost. Together the articulating arm, rotating arm, and the C-arm provide maximum flexibility in positioning the system for each procedure. It makes elevation and horizontal positioning easy.

Features

- Dual Mode Image Intensifier
- Footswitch, Contrast Controls
- 200 Image Storage
- Dual High-Resolution Monitors
- Last Image Hold
- 1K X 1K x 16 Bit Image Processing
- Touchscreen Monitors



Soma Technology, Inc. • 166 Highland Park Drive • Bloomfield, CT 06002 • USA Phone: 1.800.GET.SOMA • www.SomaTechnology.com • Email: soma@somatechnology.com

Specifications

Base Dimensions

Height: 65" (168.1 cm)Width: 27.75" (70.7 cm)Depth: 27.5" (70.7 cm)

C-Arm Extension

Maximum Front: 54.5" (138.4 cm)
Max. Height I.I. Up: 71.5" (181.6 cm)

• Min. Height I.I. Down: 5.5" (14 cm)

Transport Position

Height: 65" (165.1 cm)Min. Width: 33.5" (85.1 cm)Min.Depth: 32.5" (82.6 cm)

Stability

• Positive stability on grade up to 5 degrees in any position.

 Positive stability on grades up to 10 degrees in the transport position.

Imaging Area

Depth: 17.7" (44.95 cm)SID: 17.7" (44.95 cm)

• Free Space: 13.5" (34.27 cm)

• Skin Spacer: 3.9" (10 cm)

Movements

• Orbital Travel: 118 degrees

• Wig-Wag: 135 degrees

• Total Rotation ±200 degrees

Laser Aimer

• Dual Fan Beam Laser Diodes

Laser Class IIIA

Power Output: 5mW max.

• Wavelength: 650 nM

• Fan Beam Coverage: 7.87" (20 cm)

Image Intensifier

 Normal Nominal Entrance Field Size: 5.9" (15 cm)

 Mag Nominal Entrace Field Size: 3.94" (10 cm)

• Supply Input Voltage: 24 ± 1 VDC

• Input X-ray Exposure: 1 R/minute max.

• Central Resolution: 66 Lp/cm (typical)

Contrast Ratio: 30:1 (typical)

 Coversion Factor: 180 cd/m² (typical) mR/S

• DQE: 42%

Fluoroscopic Accuracy

• μΛ: ±5%

• kV: ±5%

X-Ray Source Assembly

• Type: Fixed anode, tungsten filament

• Target Angle: 14 degrees

• Focal Spot: 0.05 MM

• Inherent Filtration: 1.0 mm Al Equivalent

• Total Filtration: 2.5 mm Al Equivalent

 Beam Quality: Minimum HVI, 2.8 mm AI @ 80 kV

 Leakage Technique Factors: 80 kV and 160 μA

Powe

• Line Frequency: 60/50 Hz

• 100/120 VAC (±10%): 6 Amps

• 200/220/230/240 VAC (±10%): 4 Amps

 Max. Non-Descriuctive voltages that can be connected to signal I/O ports: 7 Volts DC

 Room I/O Port: +24V relay closures, +5 TTL logic levels

Video Signal

 Composite video, EIA RS170A 60 Hz, 525 line (International CCIR 50 Hz, 625 line)

Environmental Requirements

Operating Temp.: 50 to 95°F (10 to 35°C)

 Storage Temp.: +14 to 131°F (-10 to +55°C)

• Operating Altitude: 8,202 ft. (2.5 km)

• Storage Altitude: 15,000 ft. (4.6 km)

 Operating Humidity: 20 to 80% noncondensing

 Storage and Transport Humidity: 20 to 80% on-condensing.

 Shock and Vibration: 1G at 200 Hz for 2 hours.

Image Processing and Storage

• CP Image Storage: 18

• HP Image Storage: 400

• Frame Integration: Yes

• Image Matrix Size: 1000 x 1000 x 16

Last Image Hold: Yes

 Video storage digital memory PCMCIA drive, hard disk, floppy disk, SVHS VCR (optional)

Monitors

Dual Monitors

Monitor Size: 16" (40.64 cm)



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