

GE OEC BRIVO PRIME



ABOUT

The **GE OEC Brivo Prime** is a mobile C-arm used for real-time X-ray imaging during surgery. It moves on wheels and combines motorized vertical travel with manual orbital, lateral, and wig-wag positioning, so the arm can be angled to fit the procedure. The generator runs up to 110kV and covers several fluoro modes, including low dose and pulsed fluoro, plus a digital spot mode for still images. The image intensifier switches between three magnification levels, and the attached camera captures at 1K x 1K resolution. Images show on a single 19-inch LCD monitor with tools like zoom, edge enhancement, and last image hold, and the system stores up to 100,000 images.

FEATURES

Full C-Arm Positioning: Orbital rotation, lateral rotation, wig-wag, and horizontal cross-arm movement let the C-arm angle for different views.

Motorized Vertical Column: Raises and lowers the C-arm with up/down switches on the control panel.

Multiple Fluoro Modes: Includes normal, high-level, low dose, pulsed, and digital spot imaging.

Three-Level Magnification: Image intensifier switches between 9", 6", and 4.5" fields of view.

Built-In Image Storage: Holds up to 100,000 images with tools like zoom, edge enhancement, and last image hold.



C-ARM DIMENSIONS

Height: 67.1 – 84.6 in (170.5 – 215 cm)

Width: 30.7 in (78 cm)

Depth: 70.3 in (179 cm)

Weight: 573 lb (260 kg)

WORKSTATION DIMENSIONS

Height: 65.7 in (167 cm)

Width: 35.4 in (90 cm)

Depth: 25 in (64 cm)

Weight: 375 lb (170 kg)

SPECIFICATIONS



C-ARM MOVEMENT

Source Image Distance (SID): 39.3 in (100 cm)

Horizontal Travel: 8 in (20 cm)

Vertical Travel: 17.5 in (44.5 cm)

Orbital Rotation: 120°

Lateral Rotation: $\pm 205^\circ$

Wig-Wag: ± 12.5

TECHNOLOGY

1k x 1k digital imaging system for high-resolution images

9 in image intensifier designed for detailed fluoroscopic imaging

Intuitive controls for efficient operation during procedures

DICOM connectivity with optional DVI interface

Internal storage capacity for up to 100,000 images

Integrated data protection features with UPS backup

GENERAL

9 in image intensifier mobile C-arm

360° digital image rotation for real-time and stored images

40 kHz high-frequency generator

2.2 kW monoblock X-ray generator

Stationary anode with dual focal spot

40–110 kVp operating range

19 in medical-grade anti-glare monitor(s)

Normal, Low Dose, High Level Fluoroscopy, and Pulsed Fluoroscopy modes

USB connectivity and integrated DICOM storage

Optional CD/DVD writer