

OEC Elite CFD

Premium Mobile C-arm



gehealthcare.com/surgery

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GE Healthcare's portfolio of premium mobile C-arms provides stunning image quality at a low dose, allowing surgeons the ability to see more detail and anatomy. Complex surgeries require real-time imaging; now experience a True View with OEC Elite CFD and confidently visualize intricate details and gain clinical versatility in the OR.

Exceptional Images

- CMOS Flat Detector (CFD) available in both 21cm or 31cm size
- Detail delivered 1 for 1 from 1.5K X 1.5K detector to 32" 4K UHD display
- See up to 22% more anatomy with larger FOV versus monoblock C-arms
- See tiny 0.008" guidewires in peripheral vessels and 0.014" guidewires in thoracic anatomy
- Stunning image quality at low dose and high signal-to-noise ratio
- True continuous fluoroscopy that minimizes ghosting and lag
- CFD produces distortion-free images with superb anatomical detail
- Full frame rate and full resolution without binning
- Large 13.6" Squirle image retains 100% data when image is rotated
- Live Zoom up to 4X and take added shots with no change in technique
- Outline anatomy of interest or device on image screen with Digital Pen
- eNR (enhanced noise reduction) automatically presents 30% less noise during vascular and cardiac imaging
- Plan with tools for measuring lines, angles and percent stenosis
- Simplicity with advanced subtraction during Bolus Chase and one-button roadmapping
- Avoid blooming with SmartMetal which responds automatically when metal is present
- High Dynamic Range that reveals precise anatomic detail of varying densities such as soft tissue and bone simultaneously



Operate Confidently

- Articulating monitor has 5 ranges of motion including 27" forward travel which increases the perceived size of the image by up to 60%
- Lightweight workstation with ergonomically designed handles and storage bins
- Integrated laser aimer for precise positioning
- C-arm maneuverability with low-resistance wheels and steering design that require 30% less force* to steer
- Set up efficiently with SmartConnect. Disconnect and reconnect the C-arm and workstation while booted
- Easy set and go brakes with color-coded radial dials and gradual tension setting for manual adjustment
- Great visual line of sight and positioning around the patient based on small detector head size
- Agile maneuvering around patient with low lateral height and small tube housing
- Ergo C-arm's SmartView pivot joint enables additional angles and positions without moving the C-arm base
- Super C-arm expands access with 33" of arc depth
- Motorized option features pre-set positions controlled from OEC Touch control panel, Remote User Interface and workstation
- Linux-based operating system brings another layer of security



Intuitive OEC User Experience

- OEC Touch control panel brings access to standard and advanced functionality to the C-arm such as Live Zoom, Digital Pen and Profile selection
- Change selections quickly with intuitive single layer design
- Recognizable OEC sequences on workstation and OEC Touch
- Synchronize surgical workflow and communication with mirrored view from OEC Touch and workstation

Power to Perform

- Regulate heat with split-block design that separates the X-ray tube and generator
- Effectively dissipates heat with a rotating X-ray anode
- Capture high definition images with a 15 kW generator (equivalent appearance of 30 kW image in Vascular and Cardiac profiles)
- Manage dose with six dose control modes that can be used independently or in combination
- Convenient Profiles designed to automatically optimize imaging, while allowing dose to be set independently
- Minimize dose on smaller patients with Pediatric profile and a finger-removable anti-scatter grid



*Compared to 9900 Elite system.



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Feature Overview

- SHARP**
13.6" image on 4K UHD 32" display
- PERFORM**
Live Zoom, Digital Pen, and measurement
- VIEW**
Articulating monitor extends up to 27" with full range of motion
- FAST**
Quick startup and intuitive OEC user interface
- SQUIRCL**
Preserves 100% of FOV even when rotated
- MANEUVERABLE**
Lightweight slim design workstation
- CONVENIENT**
Storage bay for printers or accessories
- PRODUCTIVE**
Disconnect and reconnect C-arm without rebooting
- SECURE**
Linux-based operating system



- DETECT**
21 cm x 21 cm or 31 cm x 31 cm CMOS flat panel
- SMOOTH**
True continuous fluoroscopy
- CLEAR**
1.5 k x 1.5 k x 16-bit image processing at 30 fps
- INTUITIVE**
OEC Touch control panel
- PRECISE**
Integrated laser aimer
- DOSE CONSCIOUS**
Finger removable anti-scatter grid
- SMARTVIEW**
Lateral view articulating pivot joint
- ERGONOMIC**
Color-coded radial dial brakes and long C-arm handles
- AGILE**
30% less force* to steer
- COOL**
Advanced cooling technology
- FOV**
Low profile X-ray tube
- CHOICE**
Ergo, Super and Motorized C-arms

* Compared to the 9900 Elite system.
Availability of select models, configurations, and options varies by country. Please contact your local sales representative.

OEC Elite CFD performance for a variety of clinical applications

ORTHOPEDIC • SPINE • GENERAL SURGERY • UROLOGY • PAIN MANAGEMENT • VASCULAR • CARDIAC

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