

OEC Elite CFD

Premium Mobile C-arm



gehealthcare.com/surgery

OEC Elite CFD

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" Squirrel 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



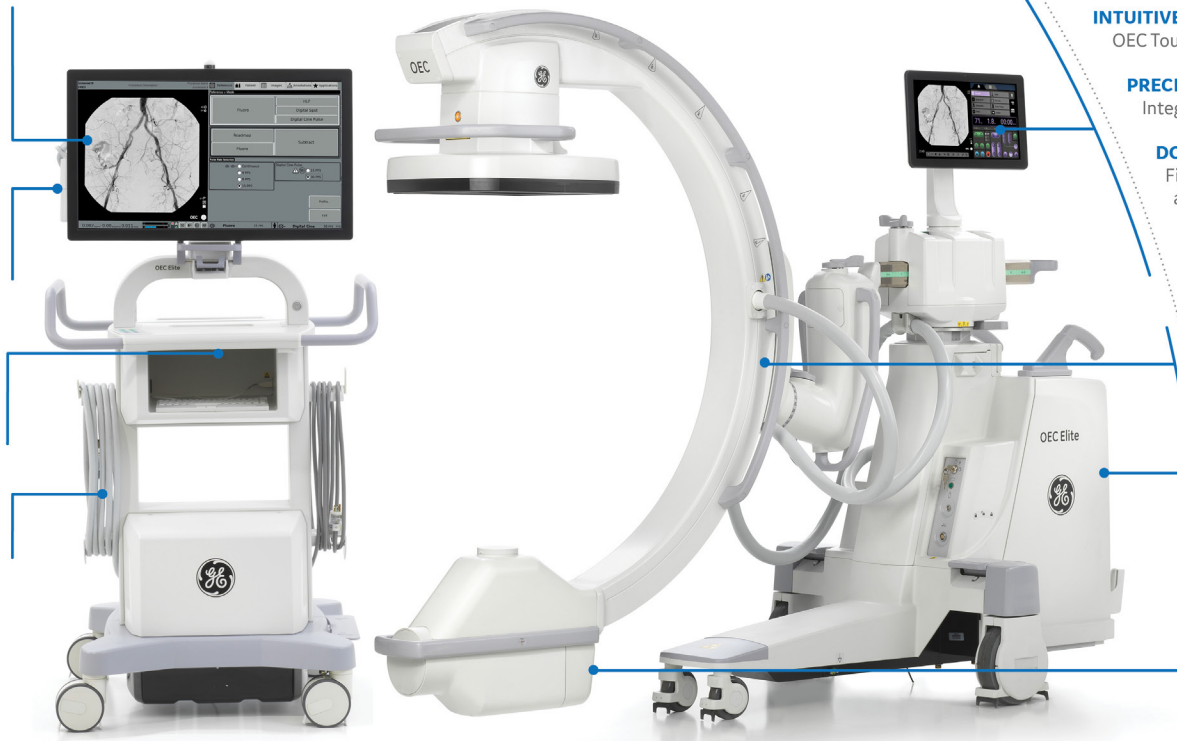
*Compared to 9900 Elite system.

OEC Elite CFD

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 removeable
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

©2020 General Electric Company - All rights reserved.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Representative for the most current information. GE, GE Monogram and OEC Elite are trademarks of General Electric Company. GE OEC Medical Systems, Inc., doing business as GE Healthcare.

JB44256XX(5)