



GE HealthCare

# OEC Elite CFD

Premium One-Piece Mobile C-arms

Exceptional simplicity





**Free up space  
with a premium,  
one-piece C-arm**



# Exceptional simplicity

OEC Elite CFD one-piece C-arms free up space in operating rooms and deliver exceptional image quality.

These premium 15kW one-piece C-arms bring fewer cables and more physical space, as there is no workstation.

With all the imaging excellence OEC Elite CFD is renowned for, the one-piece configurations are lightweight, mobile C-arms that perform.

**Elevate your surgical imaging with an OEC Elite CFD premium one-piece C-arm.**

# Exceptional

The OEC Elite CFD brings excellent image quality and image processing, in one-piece options.



## Detail displayed

Experience 1.7X\* improved line pair resolution on the display compared to the OEC Elite image intensifier. From flat detector to image processing to display, OEC Elite CFD presents exceptional image detail.

## Ultra-efficient detector

See what you've been missing with a CMOS flat detector that captures anatomic detail with every pixel for uncompromised full resolution and full frame rate, resulting in no S-distortion and minimal lag.

## Viewing versatility

Ultra-high definition 4K display easily aligns to clinician's line of sight for viewing images up close. Additional viewing is available via DisplayPorts or wireless with the Live Cast option.

\*31cm CMOS detector vs 12" image intensifier detector

## Optimal processing

The OEC Elite CFD image processing chain delivers exceptional images that are optimized based on clinical procedure or surgeon preference, resulting in less dose or mode adjustments.

**Live Zoom** enables up to 4X zoom during Fluoro or Cine with no change in dose or use of Mag mode

**Profiles** preset to enhance view of anatomy based on procedure type, from Pediatric to General HD to Cardiac

**eNR** presents 30% less noise during vascular and cardiac imaging, for equivalent appearance of 30kW power\*

**Motion tolerant subtraction** enables full leg Bolus Chase in one contrast run or quick identification of PICC lines in General HD profile

**Digital Pen** allows user to draw bright blue lines on image display for planning or educational purposes

**Dose control** provides flexibility with six modes that can be used independently or in combination to help manage dose

\*Based on GE HealthCare study of OEC Elite CFD imaging results with application of enhanced noise reduction algorithm

See 0.008" guidewires in peripheral vascular and 0.014" guidewires in thoracic region

# Simplicity

Enjoy ease of use and smooth positioning with clinical versatility from general surgery to complex interventional procedures.

## Free up space

Free up 6 square feet of floor space\* and optimize clinical workflow with less visual clutter. Set up rooms quickly with a fast boot-up time and easy transport of a one-piece C-arm that fits in tight spaces or small operating rooms. With efficient air cooling and split-block X-ray design, the C-arm stays cool during long or complex cases for performance when needed.

## More anatomy

Achieve up to 22% larger field of view, compared to monoblock X-ray C-arms, as the C-arm design enables the detector to be placed closer to the patient. Move smoothly around the patient table with design features providing low lateral height, a lightweight feel with low resistance wheels, and comfortable radial dial brakes.

## Substantial security

Protecting Patient Health Information (PHI) is crucial, and concerns about cyber security continue to increase. OEC Elite CFD runs on a Linux-based operating system hardened with solid state drive encryption at rest and enables users to set password requirements and manage system user access. To manage patient data, images and dose reports can be exported via USB ports or transferred via DICOM.

\* Compared to OEC Elite CFD with workstation



## ECO

Ergo C-arm One-Piece

The SmartView pivot joint is designed to easily rainbow over a patient table and reach more angles without having to move the C-arm base.



## SCO

Super C-arm One-Piece

The Super C-arm allows greater working space with 33" arc depth.

# OEC Elite CFD

## Premium One-Piece C-arms

### One-piece

Fits in tight spaces with 30% smaller footprint\*

### Detect

21 cm x 21 cm or 31 cm x 31cm  
CMOS flat panel

### Smooth

True continuous fluoroscopy

### Precise

Integrated green laser aimer

### Dose Conscious

Anti-scatter grid removable by hand

### SmartView

Lateral view articulating pivot joint

### Ergonomic

Color-coded radial dial brakes and  
long C-arm handles

### Agile

Easy to maneuver

### Cool

Efficient cooling technology

### FOV

Low profile X-ray housing



### View

13.6" image on 4K UHD 32" display

### Modern

Live Zoom, Digital Pen, eNR, and more

### Position

Adjust display to surgeon line of sight with  
articulating arm

### Clear

1.5k x 1.5k x 16 bit image processing at 30fps

### Squircle

Preserves 100% of image even when rotated

### Display

Images on in-room displays via DisplayPort or  
Live Cast wireless option

### Fast

Quick startup and intuitive OEC user interface

### Secure

Linux-based operating system

### Independence

Optional OEC Touch Tableside rollstand

\* Compared to OEC Elite CFD with workstation

Availability of select models, configurations, and options varies  
by country. Please contact your local sales representative.

## Exceptional simplicity

Orthopedic • Spine • General Surgery • Urology • Pain Management • Vascular • Cardiac



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