



OEC One CFD

See more. Do more.



OEC One CFD



Image quality is essential across procedures and surgical settings, including in tight spaces. With OEC One CFD, enjoy the image quality expected from OEC C-arms and the clinical versatility needed in a compact, all-in-one mobile C-arm.

See more with the Clear View image chain delivering 1:1 image detail from a CMOS flat panel detector to a 4K 27" image display monitor, and with advanced imaging features like Live Zoom.

Do more with a synchronized workflow across procedural settings with OEC One CFD's connected OEC Touch control panel and positioning aids designed to help achieve the imaging precision you need.

Clear View of anatomy

- Clear View image chain delivers 1:1 image detail from CMOS detector to 4K display
- View more anatomy* even with image rotation, and review last fluoro sequence as needed with Fluorostore
- Position display with five ranges of motion for easy viewing at surgeon's line of sight

Across procedural settings

- Point-and-shoot imaging offered in three configurations to suit clinical demands
- Aid surgical accuracy with image planning and positioning features
- Five-minute standby power supports quick transport needs and protects against patient data loss

All-in-one workflow

- Optimize surgical space with connected display on one-piece C-arm
- Synchronize workflow with OEC Touch control panel
- Streamline clinical team's communication for timely image adjustments and C-arm positioning



*Compared to OEC One Image Intensifier

Clear View of anatomy



Experience a Clear View of anatomy without straining as OEC One CFD detects, processes, and displays more. See detail when needed with advanced imaging features, such as Live Zoom, designed to minimize dose by reducing image retakes.

Enhance imaging precision, displayed 1:1

Detect more

- Detect detail with 21 cm CMOS flat panel detector (CFD)
- Enjoy better image quality at low dose compared to Amorphous Silicon (a-Si) detectors
- CFD technology provides full resolution at full frame rate

Process more

- OEC One Clear View image chain delivers optimized image to display
- 1.5k x 1.5k image processing
- Transfers more data* from detector to display for 1:1 image detail

Display more

- Easily see large 30 cm (11.8") Squircle images on 4K 27" monitor
- View high resolution images with 3.4 lp/mm resolution on display
- Enjoy 15% larger field of view compared to 9" Image Intensifier

See anatomy as needed

- Bring display closer to surgical field* and adjust to surgeon's line of sight
- Digitally zoom up to 4x on imaged anatomy during live fluoro with no change in X-ray technique
- Rotate images without data loss with 100% Squircle image preserved
- Minimize retakes by using one button to see most recent exposure again and save any prior frame as new static image



*Compared to 1k x 1k image processing on OEC One

* Compared to OEC Brivo

Across procedural settings

Capture images with OEC One CFD's simple point-and-shoot functionality for a variety of procedures from orthopedic to vascular. Choose from three configurations and use planning and positioning tools to meet your clinical demands. Time-saving five-minute standby transport lets you move quickly between rooms to prepare for the next procedure.

Clinically versatile configurations

- Vas 25 — visualize 0.014" guidewires in peripheral vascular procedures
- PM Care — for pain management procedures, including fluoro replay with Fluorostore
- Standard Offering — for general to orthopedic procedures, with advanced imaging features

Plan purposefully

- Outline device or anatomy of interest on screen with Digital Pen
- Measure distance and angles, and annotate pre-operatively
- Roadmap directly from Subtraction exclusively with foot pedal commands

Position accurately

- Reach deep angles with 55° Overscan
- Easily position with comfortable radial dial brakes and long C-arm handles
- Quickly align to anatomy with laser aimers* on detector and/or tube

Transport easily

- One-piece system simplifies moving from room to room
- Push easily with ergonomic steering handles
- Transport without restarting with 5-minute standby power



Optimize space

- Small compact C-arm with all-in-one design
- Fits in tight spaces or small operating rooms
- Less crowding streamlines clinical workflow

All-in-one workflow

Streamline communication between surgeon and technician with the integrated OEC Touch control panel designed to facilitate timely image adjustments and C-arm positioning. From a small pain management office to a crowded OR, optimize space and clinical workflow with OEC One CFD.

Synchronize workflow with OEC Touch

- OEC Touch control panel view synchronized to surgeon's display
- Immediately adjust images or utilize planning and positioning tools as needed for surgeon
- Easily zoom in and out, pan to area of interest and rotate live image
- Quickly access needed commands: laser aimers, Live Zoom, Digital Pen, and Fluorostore
- Swipe between four screens featuring intuitive OEC icons for easy operation



OEC One CFD

All-in-one Mobile C-arm

All-in-one

Small footprint
Fits in tight spaces

Imaging precision

1:1 image detail with CMOS flat panel detector (CFD) to 4K 27" UHD Display

View more anatomy

11.8" Squirrel images
100% preserved when rotated

Clear detail

View 4x image size with Live Zoom
See guidewires as small as 0.014"
1.5 k x 1.5 k image processing

See again

Review most recent exposure
with Fluorostore

Dose control

Finger-removable anti-scatter grid
Low dose mode

Extended reach

55° Overscan
95° Underscan



Synchronize workflow

Live image mirrored on OEC Touch
Simple commands for adjustment
Select up to 4 mode pairs, including Digital Spot

Accurately plan & position

Enhance procedure planning with Digital Pen
Adjust display to line of sight with articulating arm
Color-coded radial dial brakes
Green laser aimers
Long C-arm handles

Standby power

Five-minute standby data protection and
transport power

Save confidently

150,000 image storage

Powerful

2.5 kW
40 kHz frequency
Smart Technique heat management

Wireless options

Footswitch
DICOM
Printing

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

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

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Imagination at work

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