



OEC One

Bringing you a Clear View of the images you demand.



A Clear View WHERE you need it.



OEC One brings Clear View images where, when, and how you need them.

The OEC One all-in-one mobile C-arm goes beyond providing the exceptional image quality you expect from OEC C-arms – images how you need them. OEC One also creates greater visibility of images where needed and quick image adjustment when needed.

Close

You can now get the images you need closer to the surgical field—even right to the edge of the table—thanks to OEC One's extendible, articulating display arm.

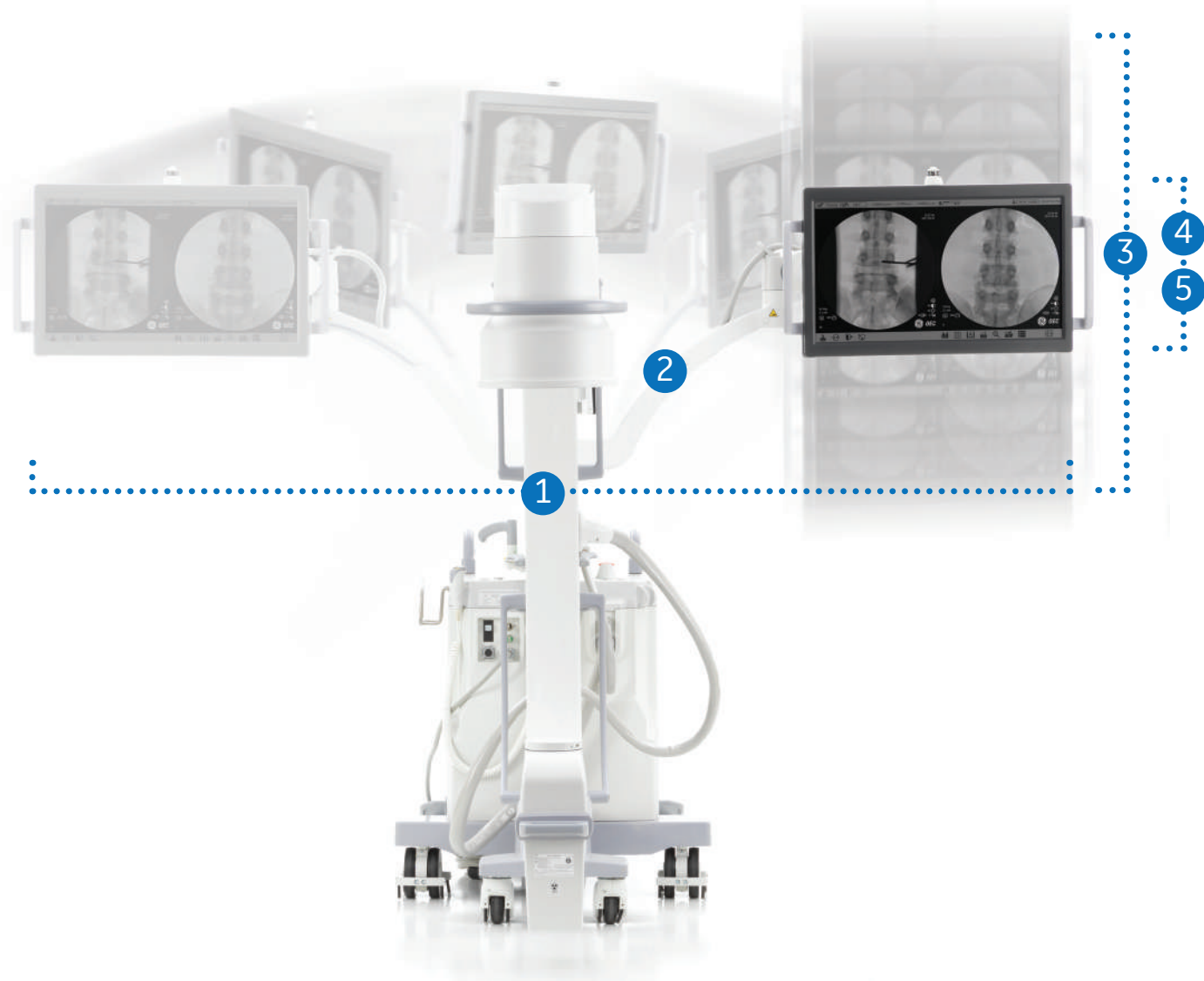
Clear

View crisp, clear detail right in front of you on a 27" high resolution image display monitor with 11.8" live and reference images.

Accessible

Whether on the right or left of the C-arm, while standing or seated, enjoy better line of sight to the images you need due to the image display monitor's range of motion and its 178° viewing angle.

A Clear View WHERE you need it. Even with limited space.



Flexibility in viewing:
Triple joints, providing five ranges of motion, enable positioning of the display rapidly and precisely.

- 1 210° rotation at system
- 2 180° rotation at center of arm
- 3 40 cm (15.8 in) vertical travel (20 cm up/down)
- 4 180° rotation (90° left/right)
- 5 30° tilt (5° up, 25° down)



Clears up space

Smallest footprint in its class

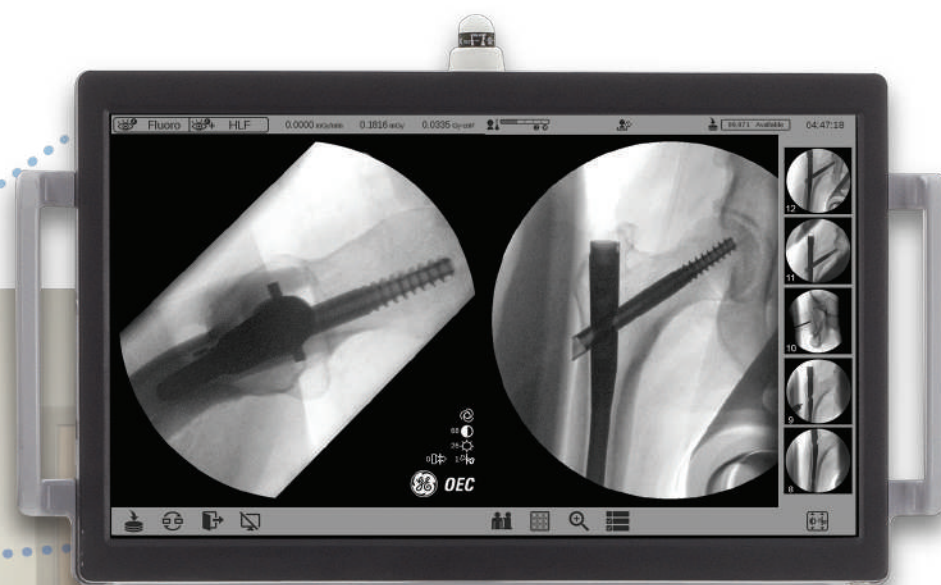
Simplifies technical operation

All-in-one design provides all functionality at system on OEC Touch control panel and display

Maneuvers where needed

Counterbalanced and lightweight; transfer with five-minute standby

A Clear View WHEN you need it.



Synchronized image viewing

Effective communication and timely delivery on clinical expectations are facilitated by the synchronized view of the live image on both the primary image display monitor and OEC Touch control panel. A gallery of procedural images, exhibited on OEC One's Mini ID Panel, can also be viewed on both the image display and OEC Touch when accessed from the tablet with the touch of a button. Easily compare images as needed during the procedure.



Control at OEC Touch

Get the image you need when you need it, thanks to OEC Touch control panel interface, designed to provide image adjustment and mode switching right at the system. Adjust image generation, image display, X-ray technique, and vascular preferences simply through one-button touches and finger slides on swipe-accessible screens. Using the Fluorostore button after fluoro is released, review and save the most recent 240 frames of an unsaved acquisition, potentially minimizing retakes and eliminating unnecessary additional exposure.

Fast access

OEC One is easily positioned using handles that run the full length of the C-arm on both sides. Align anatomy with additional precision using OEC One's laser aimers.* Get a Clear View of the patient even when anatomy is not centered, thanks to AutoTrak and Auto Brightness Stabilization image processing software. Guide vascular instruments within vessels utilizing Roadmap-2 obtained directly from Subtraction without interim steps required of the tech, thanks to OEC One's automated vascular software. OEC One can be easily transported to other rooms with five-minute standby.



A Clear View HOW you need it. Across procedural settings.

Point-and-shoot for sharp Image Quality

Standard Offering

Get the images you need without adjusting system settings from the first shot to the last shot with OEC image processing software. OEC One utilizes automatic intelligence software to sense anatomy and provide high quality imaging at optimal mA and kV levels, even when anatomy is not properly centered in the field of view.

PM Care Offering

Achieve proper anatomical location and record needle positioning during pain management injections with real-time digital subtraction (DSA) and up to 8 fps Cine. Display reference image with additional unsubtracted reference to confirm needle placement. Save last fluoro sequence with Fluorostore, to review contrast previously injected after exposure is terminated, potentially minimizing re-shots and or additional contrast injections.



Vascular Offering

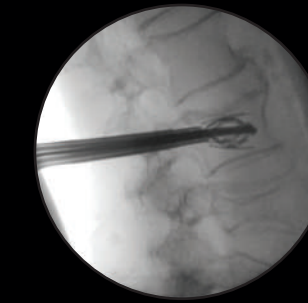
See fine detail such as a guidewire as small as 0.014" for peripheral vascular and thoracic regions and the sharp edge of a vessel in angiography when using Roadmap. OEC One's vascular software is designed to reduce lag to allow for accuracy in placing a guidewire, catheter, balloon or stent. When performing Digital Subtraction Angiography (DSA), OEC One is optimized to reduce noise while excluding background anatomy from an image following contrast injection to allow clear visualization of the vessel. This may be particularly helpful while imaging blood vessels for angiography and fistulagrams.



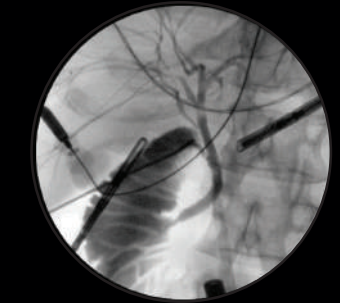
ORIF



Pain Management



Vertebroplasty/Kyphoplasty



Lap Chole

Clinical preference

Obtain clinical images according to your preference, right at the OEC One system. Image orientation, collimation, brightness and contrast, imaging modes, and more can all be easily accessed from the OEC Touch control panel and quickly delivered to your live image view.

See more images

See three images simultaneously with optional pain management and vascular software: Real-time subtracted and unsubtracted images and a reference image from earlier in the procedure. The simultaneous display of the unsubtracted, reference, and subtracted live image allows you the opportunity to view more detail to assess the current status of the anatomy in reference to earlier in the procedure.

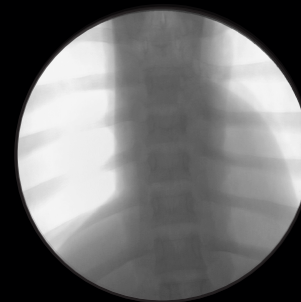
Manage dose

For dose management, adjust kV and mA or select pre-defined fluoro modes – low dose, pulsed fluoro, or HLF – on the OEC Touch control panel right at the OEC mainframe. The X-ray footswitch and handswitch also provide flexibility in controlling X-ray generation.

Powered by OEC Image Processing



With ADRO



Without ADRO



With Enhanced MAR



Without Enhanced MAR

Adaptive Dynamic Range Optimization (ADRO) • Enhanced Motion Artifact Reduction (MAR)

AutoTrak • Temporal Noise Reduction • Automatic Brightness Stabilization (ABS) • Smart Metal • Smart Window

OEC One

Digital Mobile C-arm

Detailed, high res images

- High DQE (65%) image intensifier
- 1k x 1k camera

Exposure control

- Removable anti-scatter grid
- Low dose mode

Positioning precision

- Color-coded pivot joints and locks
- Laser aimers*
- Free space in arc of C-arm

Power

- 2.5 kW
- 40 kHz frequency
- Continuous fluoroscopy
- Digital spot
- Smart Technique heat management

Close, clear, accessible

- 27" image display on articulating arm
- Handles along sides and back of monitor
- 11.8" live and reference images
- Synchronized image viewing from display to control panel

Image access

- 10.1" OEC Touch control panel with intuitive user interface
- 1280 x 800 resolution
- 270° swivel and 40° tilt

Easy

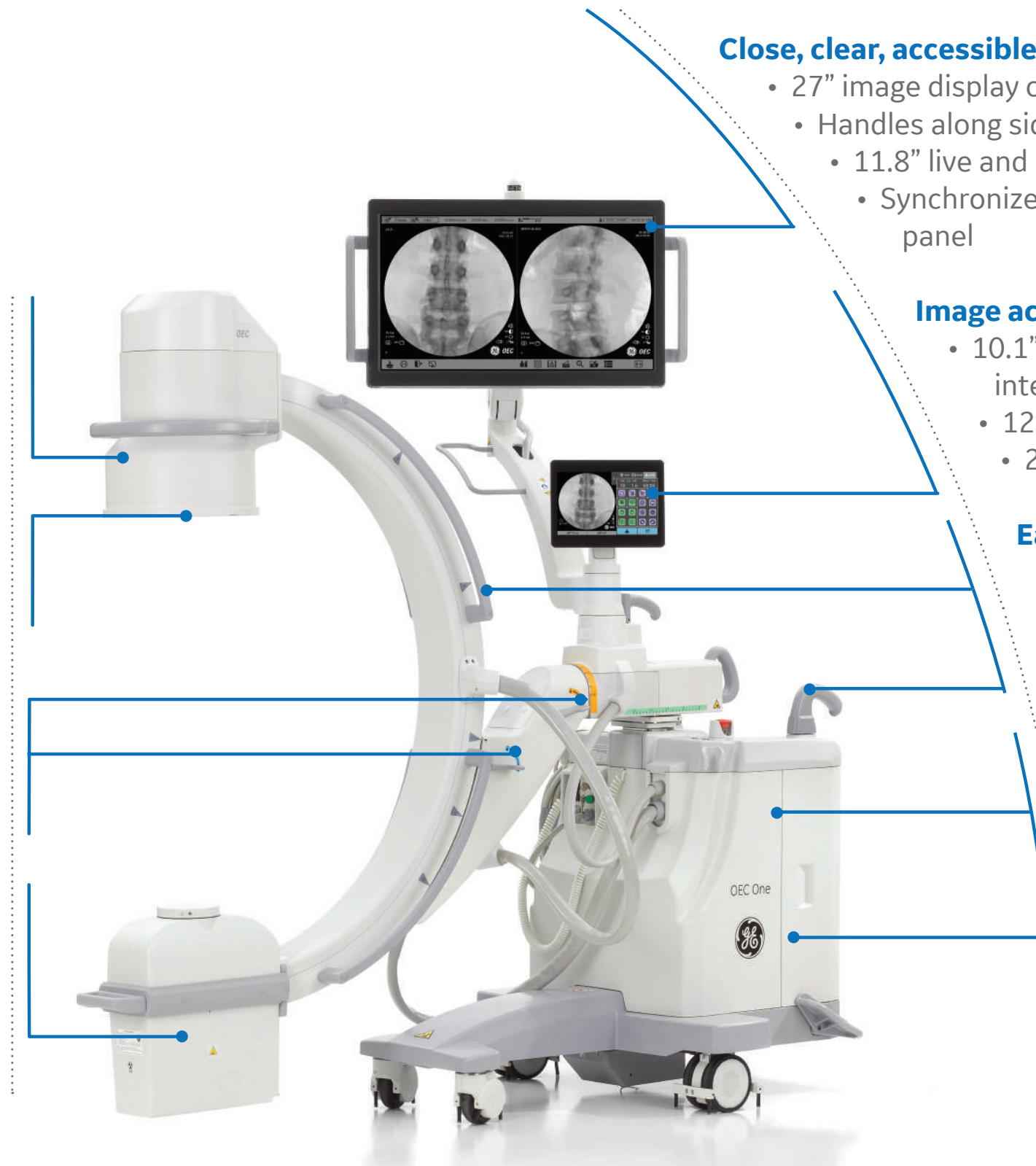
- Along C-arm on both sides
- Ergonomic design for simple maneuvering

Connectivity

- Wireless DICOM*
- Digital video output
- USB data transfer
- Printer compatible
- Configurable Monitor Cart**

Sustainable

- Transfer with five-minute standby power
- Linux-based operating system



*Availability of select models, configurations, and options varies by country. Please contact your local sales representative.
**GE OEC is an authorized distributor of Monitor Cart, which is manufactured by Image Diagnostics Inc., Massachusetts, USA

Bringing you a Clear View of images you need – where, when, and how you need them.
ORTHOPEDIC • SPINE • GENERAL SURGERY • UROLOGY • PAIN MANAGEMENT • VASCULAR

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