OEC One

Bringing you a Clear View of the images you demand.

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. This is OEC One's Clear View – bringing you images where, when, and how you need them.

A Clear View WHERE you need it.

Flexibility in viewing: Triple joints, providing five ranges of motion, including 210° of swivel at mainframe and 40 cm (15.8 in) of image display vertical travel, enable your tech to position the display rapidly and precisely.

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.

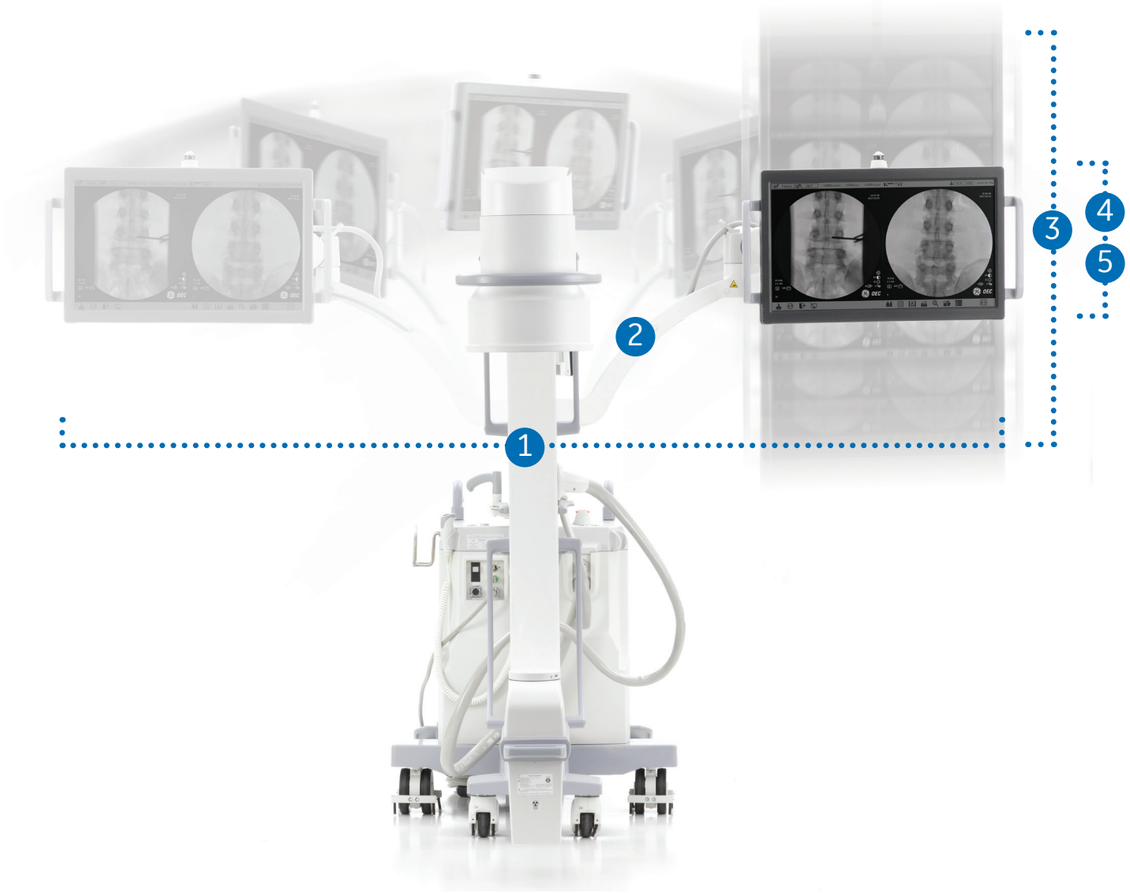
Clear

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.



Articulating display arm — five ranges of motion

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 TechView and display

Maneuvers where needed

Counterbalanced and lightweight; transfer with five-minute standby

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

A Clear View WHEN you need it.

Control at tablet

Get the image you need when you need it, thanks to OEC One's TechView tablet. The TechView tablet's interface is 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.

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 TechView tablet. A gallery of procedural images, exhibited on OEC One's Mini ID Panel, can also be viewed on both the image display and TechView tablet when accessed from the tablet with the touch of a button. Easily compare images as needed during the procedure.

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.

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

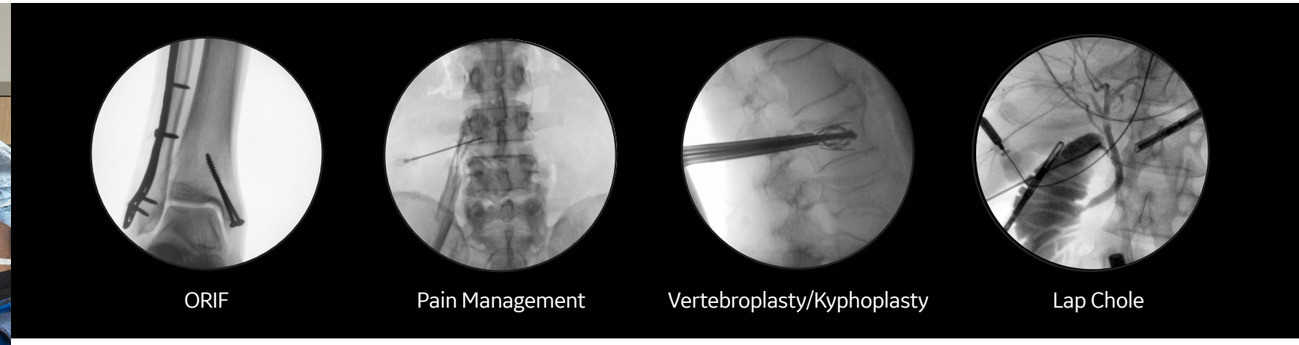
Point-and-shoot for sharp IQ

Standard Offering

Get the images you need without adjusting system settings from the first shot to the last shot with OEC One's combination of a compact generator, high resolution camera, image intensifier, and 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.

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 OEC One's Roadmap. OEC One's vascular software is designed to reduce lag to allow for accuracy in placing a guidewire, catheter, balloon or stent. When using Subtraction, OEC One is optimized to reduce noise while excluding background anatomy from an image following contrast injection to allow better visualization of the vessel. This may be particularly helpful while imaging blood vessels for angiography and fistulagrams to visualize clots, aneurysm and stenosis.



ORIF | Pain Management | Vertebroplasty/Kyphoplasty | Lap Chole

Clinical preference

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

See more images

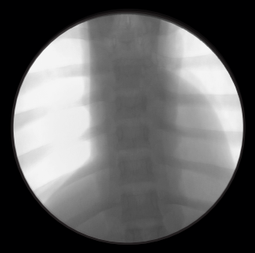
See three images simultaneously with OEC One's pain management and vascular software*: Real-time subtracted and unsubtracted images and a reference image from earlier in the procedure. The simultaneous display of the unsubtracted, reference, and subtracted live image allows you the opportunity to view 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 TechView tablet right at the OEC mainframe. OEC One's 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

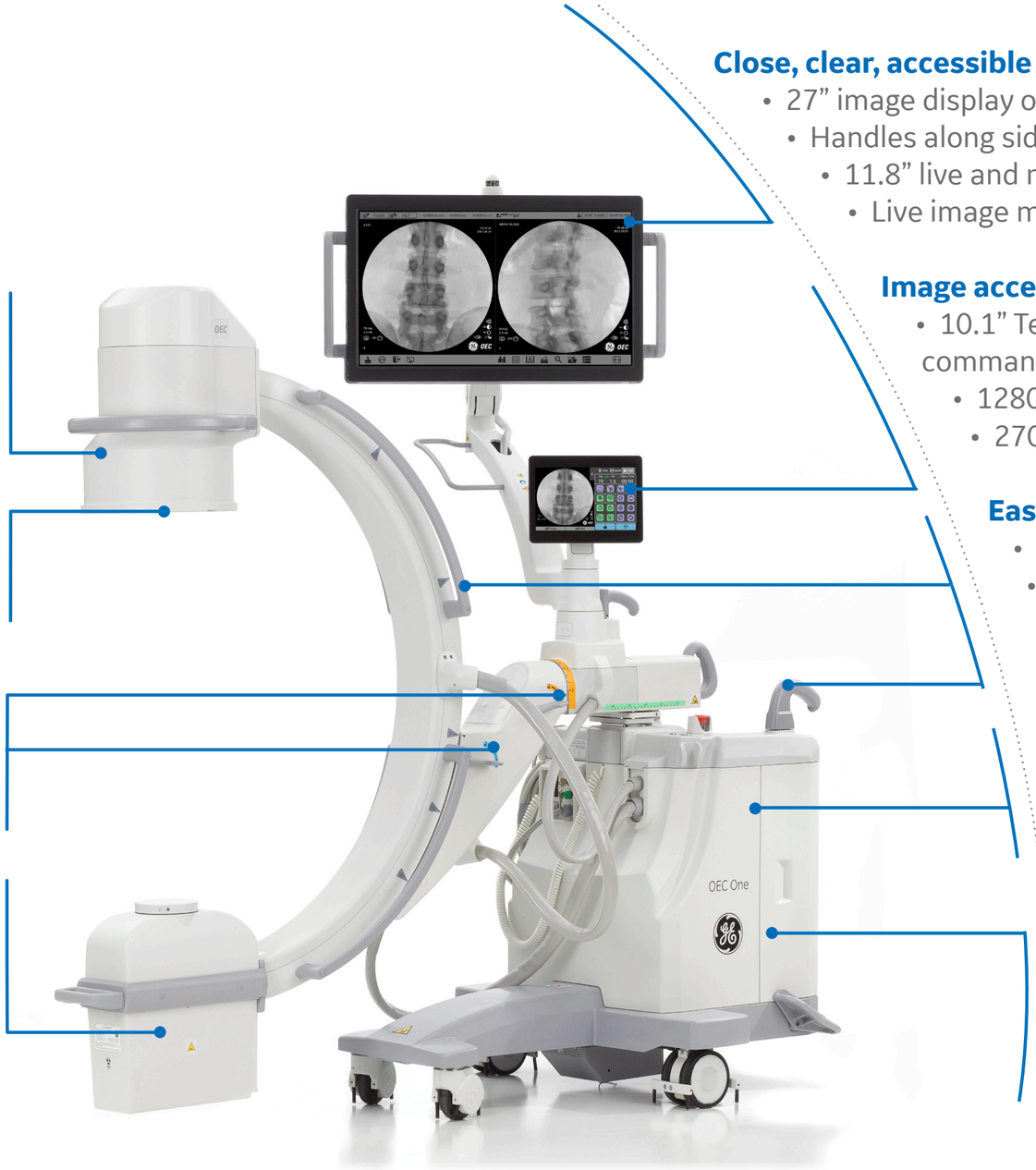
Removable anti-scatter grid •
Low dose mode •

Positioning precision

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

Power for optimal IQ

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



Close, clear, accessible

• 27” image display on articulating arm
• Handles along sides and back of monitor
• 11.8” live and reference images
• Live image mirrored on TechView tablet

Image access

• 10.1” TechView touchscreen tablet provides commands on simple UI
• 1280 x 800 resolution
• 270° swivel and 40° tilt

Easy handles

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

Connectivity

• Wireless DICOM*
• Digital video output
• USB data transfer

Sustainable

• Transfer with five-minute standby
• OEC reliability

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

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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Imagination at work

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