



OEC[®] 9900 Elite

Premium Digital Mobile Imaging System.



Discover the clear difference.

For nearly four decades, GE OEC has been a market leader in mobile C-arm surgical imaging. The OEC 9900 Elite has raised the mobile C-arm standard with Precision Imaging Technology using DRM – Dynamic Range Management.

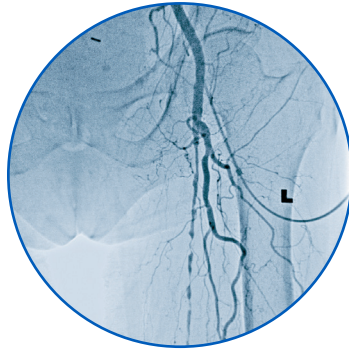


The OEC 9900 has all the special features you've come to associate with OEC C-arms – features that can positively impact your outcomes and enhance your productivity. With a trade-in value more than 200% better than other mobile C-arm brands and an expert dedicated support team that is consistently rated best in the industry, you can be confident that your staff will support your choice of the OEC 9900.

Come with us on a journey to discover the OEC 9900's superb imaging features.



Traditional OEC Bolus Chase image



OEC 9900 Elite
using Bolus Chase MTS Profile

Superb image quality and a wide range of clinical, surgical and vascular applications, the OEC 9900 is an ideal system for the ER, OR, ICU or surgical imaging or interventional setting.

GE's digital mobile C-arm technology uses the patented "no-mask" or Motion Tolerant Subtraction technique that allows the user to perform DSA (Digital Subtraction Angiography) imaging while moving the C-arm or patient. This advancement in imaging coupled with our unique Precision Imaging Technology takes mobile imaging to new heights with improved productivity. Achieve the same benefits of subtraction without all the fuss.

GE's advanced image processing performs faster than alternative technologies and applies specific processing algorithms or different "bandwidths." It accentuates what you want to see and attenuates what you don't.

This patented DRM technology processes each imaging profile uniquely to highlight the anatomy of interest. Bone and vasculature are processed separately to produce optimum definition according to the desired profile.

You can optimize image quality and reduce procedure time by simply selecting the preset imaging profile for a specific application. Simple. Certain. Precise.

Vas MTS...Breakthrough technology for improved vascular productivity.





Streamline even

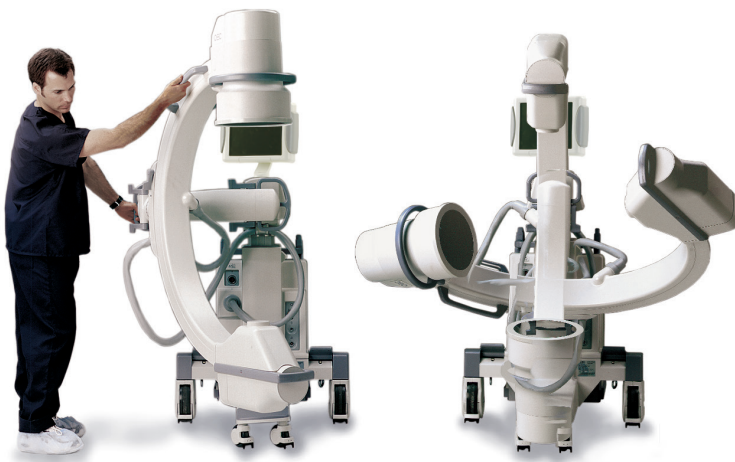


Articulating monitors have height adjustment, rotate 270°, tilt up to 10° and travel 22" (56 cm) forward.

The 9900 Elite's flat panel monitors mount on an articulating arm for comfortable viewing from most any angle in the OR, monitors lock securely in place for traditional workstation viewing and safe transport.

Procedure set-up is a snap with pre-set imaging profiles that automatically give you optimal mix of contrast and brightness to see the right image based on anatomy type.

With its articulating monitors, simple touchscreen operation, easy C-arm positioning and advanced image transfer the OEC 9900 Elite is an ideal system for your surgical and interventional imaging.



Standard non-motorized C-arm offers superb mechanical design using counterbalancing and friction controls.

ery procedure.

The familiarity of the OEC workstation - with touchscreen and touchpad interfaces - help you quickly enter and retrieve patient information. Select image manipulation functions, annotate images, even make hard copy films or paper prints right from the workstation.

For patient privacy, blank the screen and hide patient information with one button push. A two-step process erases all cases and data on the workstation's recording disk.

Designed for fast, efficient positioning, the superb mechanical design features counterbalancing and friction controls for easier AP and lateral movement, orbital rotation and head-to-toe angulation ideal for a wide range of applications.

A high-heat-capacity X-ray tube's rotating anode can reduce overheating during long procedures and improve patient throughput. Proprietary heat pipe cooling technology and a ducted fan cooling system can help increase fluoro on-time.



Ergonomic friendly keypad with touchpad cursor makes patient information and orientation easy.



The OEC 9900's wireless and integrated DICOM* interface connects easily to a hospital's network for advanced information management.

- Access and store images with wireless DICOM. Search network or local cache using worklist
- USB portable image storage.
- Retrieve multi-modality DICOM images in their native format direct to the workstation.
- On-board printing to Sony's film and paper printer.
- Standard DVD/CD recording with built-in viewer and extensive storage capacity.



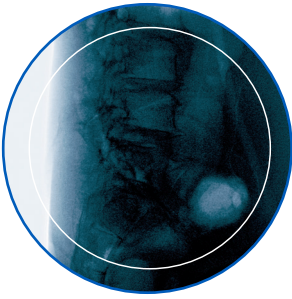
*DICOM options vary outside the United States.





Premium 1k² High Resolution Imaging

Image I.Q.



Spine image without collimator and Smart Window

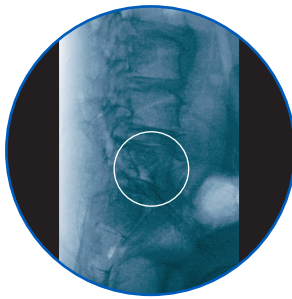
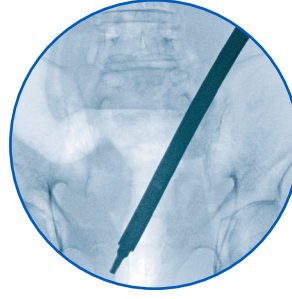
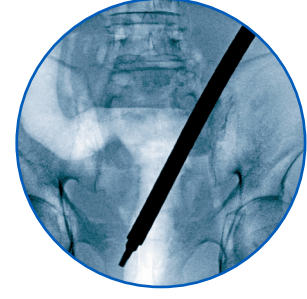


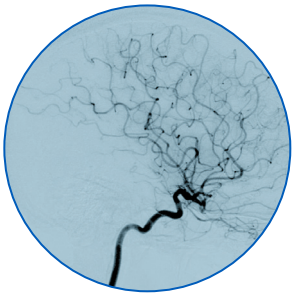
Image with Smart Window



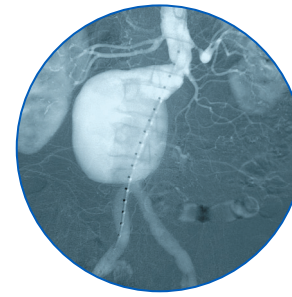
Metal Introduced



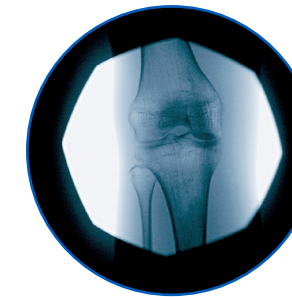
Smart Metal Enabled



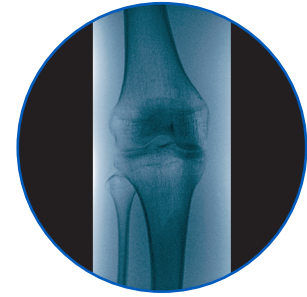
Digital Subtraction



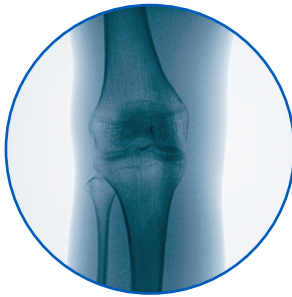
Roadmapping



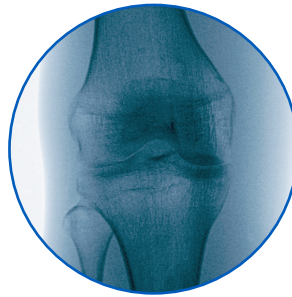
Iris Collimation



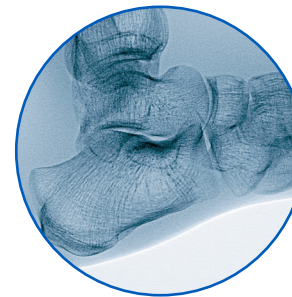
Dual-Leaf Collimation



Normal

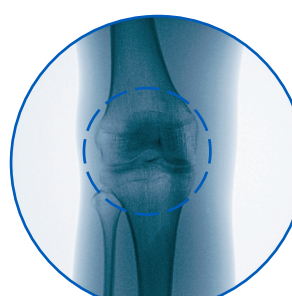
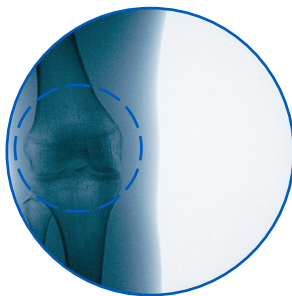


Digital Zoom



Realtime Edge Enhancement

AutoTrak



During live fluoro, invisible AutoTrak sampling window automatically moves with the anatomy, ensuring superb images no matter the position of collimation or centering.

OEC[®] 9900 Elite...th

Moveable 19" Flat Panel Monitors

- Standard High Resolution Black and White bright monitors for superb fluoroscopic viewing.
- 700 Cd/m² maximum brightness.
- Optional right hand color monitor for side-by-side endoscopic and Black and White fluoro images.
- Advanced articulation makes monitors visible from all four sides.

1k² High Resolution Imaging

- Twice the resolution.
- Four times the information.

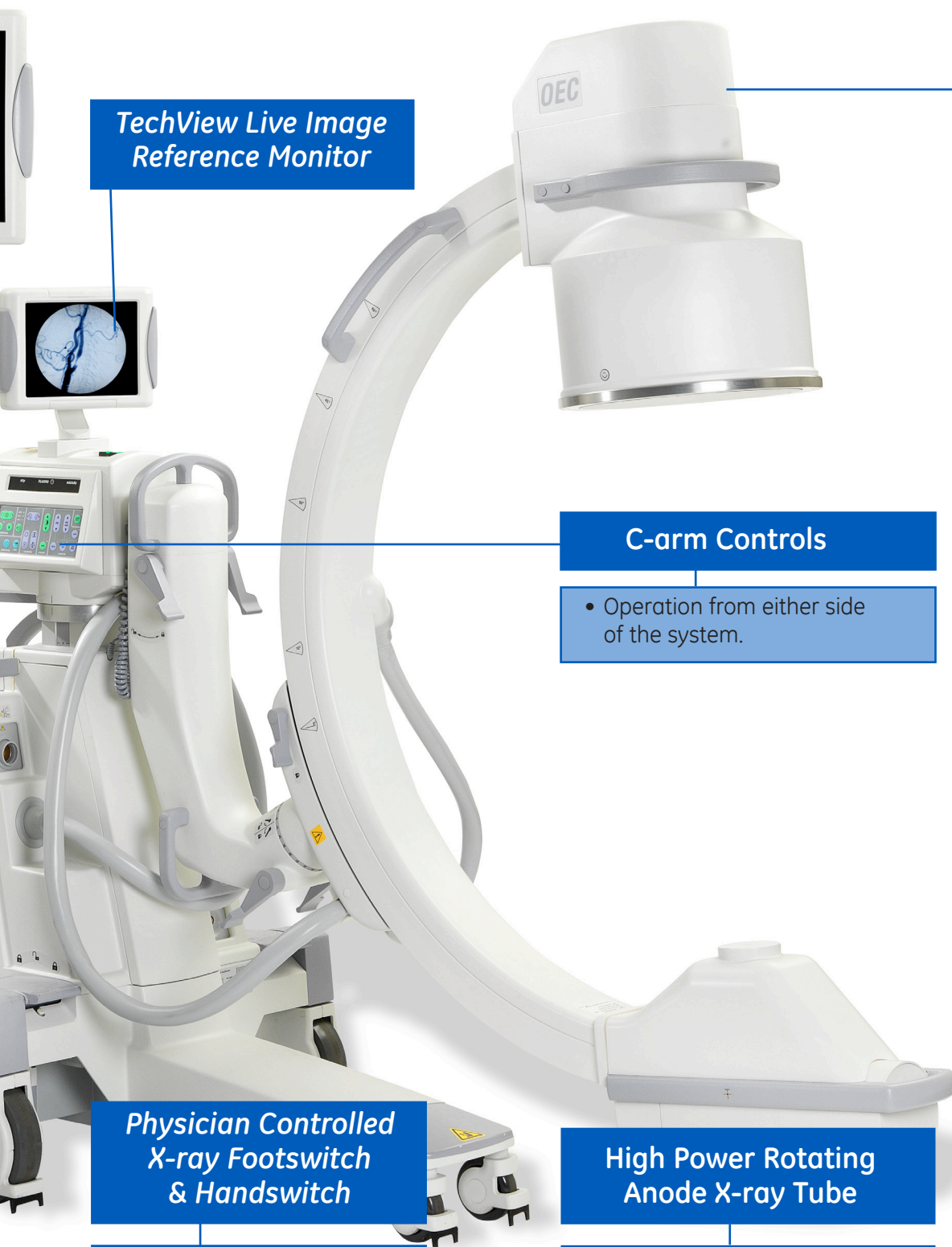
Easy Archiving & Documentation

- DICOM 3.0 internal interface with Query and Retrieve standard.*
- On-board DVD/CD Read and Write capability.
- On-board Paper or Hard Copy Film Option.



* DICOM options vary outside the United States.

...the clear difference.



TechView Live Image Reference Monitor

1k² High Resolution Imaging Chain

- High Resolution 9" (23 cm) or 12" (31 cm) Tri-Mode Intensifier.
 - 9", 6", 4.5" (23, 15, 11 cm)
 - 12", 9", 6" (31, 23, 15 cm)



C-arm Controls

- Operation from either side of the system.

Collision Detection Bumper for Patient Safety on MD configuration

15 kW Generator for Pulsed Cine Bolus Chasing

- 15 and 30 pps with up to 150 mA for high powered pulse mode to stop motion or freeze motion.
- Generator is separated from the X-ray tube to provide high power without increasing X-ray tube housing heat, improving cooling efficiency.

Physician Controlled X-ray Footswitch & Handswitch

- Fluoro
- HLF High Level Fluoro
- Digital Spot
- Roadmap
- Digital Subtraction
- Low Dose Mode

High Power Rotating Anode X-ray Tube

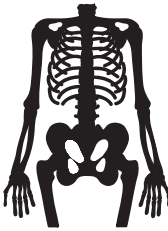
- High heat capacity X-ray tube with cooling system for long fluoro on-times.

Precision Imaging..The DRM Advantage

Profile



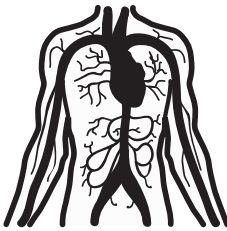
General



Orthopedic



Spine



Vascular

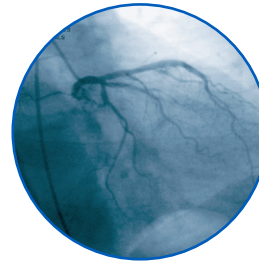
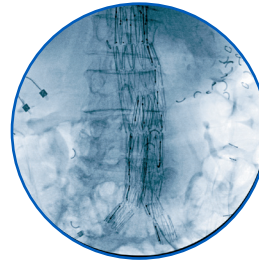
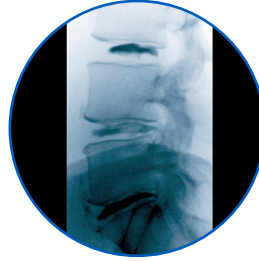
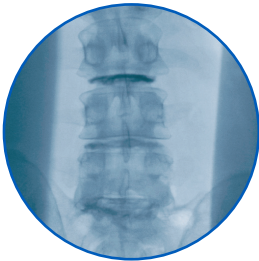


Bolus Chase

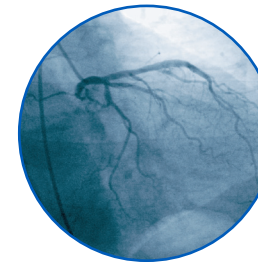
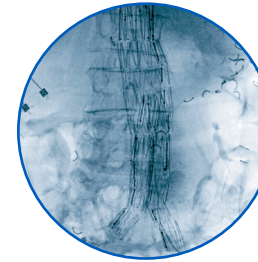
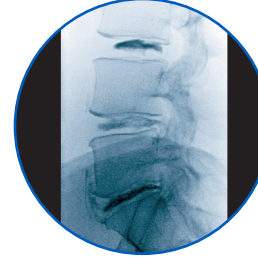
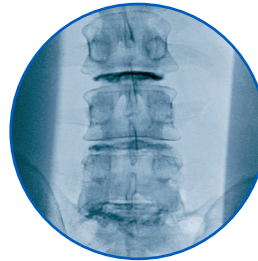


Cardiac

Conventional OEC Image



OEC 9900 Elite



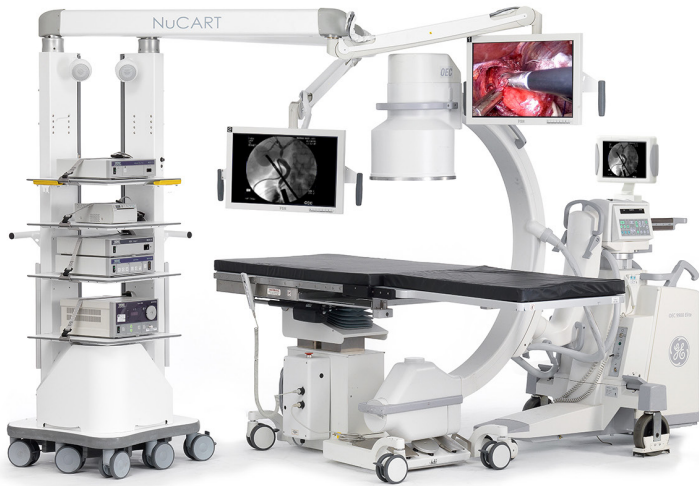
Options to enhance capabilities.

With OEC you have a choice of many unique product features and offerings - all aimed at helping you customize your work environment.



SmartView

Achieve the optimum image or see the true lateral view regardless of spatial constraints with the articulating OEC 9900 SmartView pivot joint. The unique fluid movement allows you to position at just the right angle without moving the C-arm base. Better positioning the first time can speed up your cases and lower your dose.



Suite Solution

Combine your high-quality OEC 9900 with a boom system and table, GE offers solutions with proven and trusted equipment, experienced consultation, and a world-class support team.



Integrated Ultrasound

Access fluoroscopy and ultrasound in a single workstation, maximizing efficiencies in OR workflow, floor space, and cost.



Motor-Drive (MD)

The OEC Elite 9900 MD's remote table-side control lets you control the C-arm's precise movements for enhanced angulations. Review and manipulate fluoroscopic and recorded images real-time without leaving the patient's side.



The value added difference.

OEC service and training programs can maximize return on your investment.

OEC training and service programs are designed to ensure the ongoing quality and reliability of your OEC systems. Every OEC 9900 includes expert installation and on-site Clinical training.

A certified Clinical Specialist stays with your staff during your initial orientation and training, and our specialized in-service instruction provides CE credits for your staff. Our unique Clinical Excellence program provides you with electronic training that can be shared with your current and future staff members.

Our dedicated team of more than 200 Field Service Engineers is made up of focused experts dedicated to servicing OEC systems correctly the first time (average 90% fixed right the first time). Having engineers in all 50 states and a 30-minute call-back commitment means we're there for you when you need us. OEC systems maintained and running at peak performance are better for you and better for your patients.

To utilize your C-arm's power and performance, choose the service offering* that best fits your needs. Our full-service, coverage boasts a 97% uptime guarantee with scheduled preventative maintenance and offers many benefits including remote connectivity and unlimited parts and labor features. Limited Service coverage is also available and provides technical phone support, back-up on-site support and discounts on GE parts and accessories.

Quality plus experience equals Peace of Mind

Expert Field Service Engineers averaging 16 years of experience and fulfilling more than 14,000 hours of training each year. Dedicated Clinical Specialists training more than 15,000 surgeons and technologists each year. Genuine OEC factory tested and certified parts. Service and training programs designed to give you easy access and provide ongoing support. Add it up and you can see your investment working for you and your patients.

Nine out of ten
customers
surveyed would
recommend
OEC Service to a
colleague.



* Service options may vary outside the United States.



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GE OEC Medical Systems, Inc.

**GE Healthcare,
Surgery — Americas:**
Phone 801-328-9300
Fax 801-328-4300

GE Healthcare — Europe:
Paris, France
Fax 33-1-30-70-94-35

GE Healthcare — Asia:
Tokyo, Japan —
Fax: +81-452-85-5490
Hong Kong —
Fax: +852-2559-3588

Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world discover new ways to predict, diagnose and treat disease earlier. We call this model of care “Early Health.” The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

www.gehealthcare.com

