

GE Medical Systems

# OEC® MiniView 6800

Digital Mobile C-arm for Extremity Imaging  
in Hospitals and Surgery Centers



imagination at work



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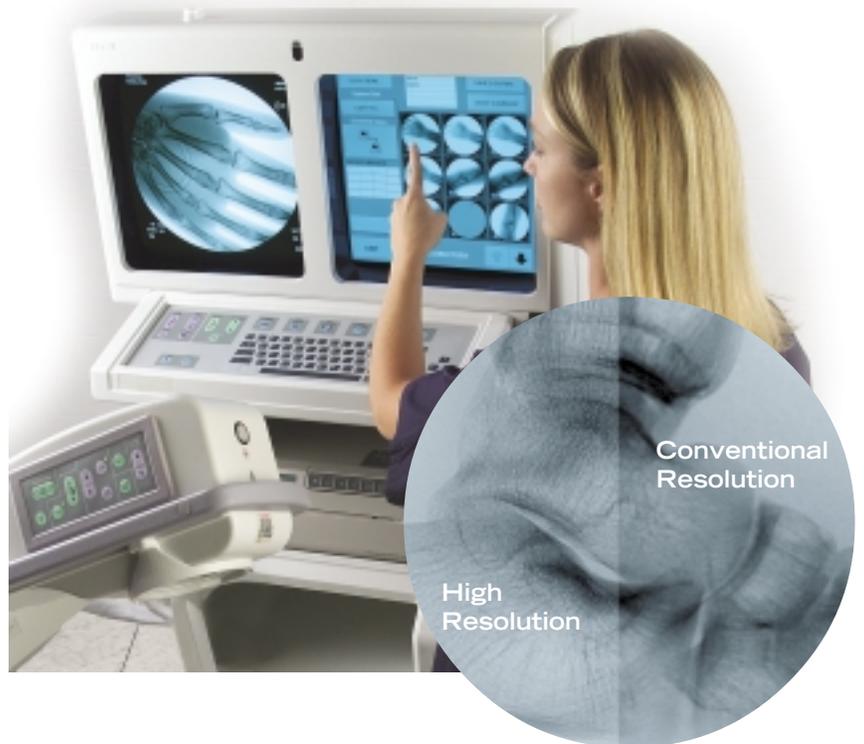
## Image Quality, Storage & Retrieval

The OEC MiniView 6800 with GE's 1k<sup>2</sup> Imaging

GE OEC, the market leader in digital mobile C-arms, has brought decades of imaging experience and advanced technologies into the Mini C-arm market with its latest entry, the OEC MiniView 6800.

This new mini C-arm for extremity imaging has the workstation components of our full-sized premium OEC 9800 Plus C-arm at a fraction of the cost.

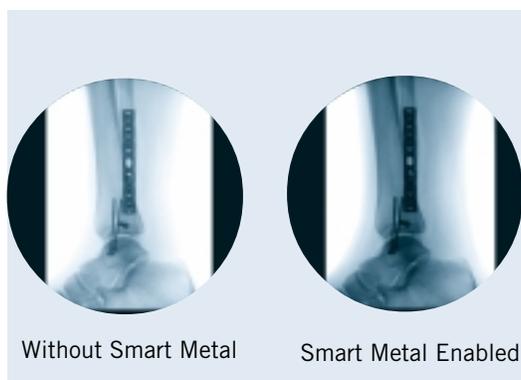
- Superb Images - 50-micron focal spot captures the finest anatomical detail.
- Immediate Results - Fully-digital 1k x 1k, 16-bit image processing with real-time edge enhancement.
- Unsurpassed Viewing - 19 inch (48 cm) diagonal dual monitors and selectable image size provide the most flexible viewing area in the industry.
- Intuitive Touchscreen - Advanced digital image processing aids patient annotation, archive and review.
- Expanded Archiving - Up to 800 images saved in memory or 2000 images to removable media.



## New! Dynamic Image Capture

This high-end feature was only available on our full-sized C-arm. Now, you can capture and review a series of static images in the form of a movie.

- Immediate playback of motion study or acquired images @ 10 min/up to 15 FPS (12 FPS at 50 Hz)
- Reduced radiation
- Freeze frame selected images for playback or printing



## New! Smart Metal Feature

Smart Metal is a unique innovation that further enhances image quality. After Smart Metal is initialized, optimized image resolution is maintained even with the introduction of metal objects into the X-ray field.

- No manual brightness or contrast adjustments are needed.
- Reduces system sensitivity to metal.



## Clinical Versatility Made Easy

### Simple Extremity Imaging

This easy-to-use system is designed for effortless operation by the surgeon and often without the need for additional personnel. These cost and time saving features are ideal in hospital OR's, ER's, surgery centers, clinics and doctors' offices.

- **Physician Control** - Line-of-site controls on either side of the tube head are easily reached by the operator from within the sterile field.
- **Compact Design** - requires only 5-square-foot (1.5 meter square) of floor space with parking arm for easy transport.
- **Simple Setup** - One button turn-on automatically sets optimum imaging parameters for most common extremity imaging situations.

## Effortless Positioning

### Superb Maneuverability

The OEC® MiniView 6800 has a balanced C-arm assembly which allows the operator to easily maneuver and position the "C" arm around the patient with a minimum of time and effort.

- **Easy Patient Positioning** - Counterbalanced C-arm and articulating arm joints means no need to use locks or levers.
- **Maximum Rotation** - 220 degrees lateral or oblique rotation, 115 degrees orbital rotation, 25 degrees overscan.
- **Flexible Height Adjustments** - Freely adjusts over a 28 inch (71 cm) vertical movement to accommodate an OR table height or standing procedures.



# Decades Of Imaging Expertise...In A



## Bilateral Tube Head Control Panels

All image adjustment controls are within line-of-sight and easily reached by the surgeon or assistant from either side of the tube head within the sterile field.



## Real-Time Edge Enhancement

Fracture lines, joint spaces and fine bone details are digitally enhanced for improved visualization during live fluoro and at last image hold.



## High Resolution Display

Dual 16 inch (41 cm) square (19 inch, 48 cm, diagonal equivalent) viewing monitors deliver the largest actual viewing area in the industry, in 1k x 1k high resolution.



## Laser Positioner

Intersecting fan-beam lasers allow the surgeon to precisely center anatomy without fluoro exposure, reducing dose and saving time.



## Touchscreen User Interface

Stored images are easily identified by thumbnail directories. Touchscreen menus guide the operator through simple image recall, post-processing and archival to removable media or DICOM servers.



## Effortless Positioning

The C-arm assembly is easily positioned around patient extremities without the use of locks or levers. Once the desired position is obtained, a counterbalanced C-arm and a variable tension support arm keep imaging components in place.

# A Compact, Simplified Mini-C Design

## Why use the OEC MiniView 6800 instead of a full-sized C-arm?

OEC's full-sized imaging systems are used every day for a full range of imaging procedures from general surgery, chest imaging and orthopedics to vascular and cardiovascular interventions.

The OEC MiniView 6800 combines the components of a standard full-sized C-arm into a compact one-piece system designed especially for extremity orthopedic imaging...at a fraction of the cost. All controls required by the surgeon are well within reach, requiring minimal assistance from additional personnel.

## How easy is the MiniView 6800 to operate?

Simply plug it in, turn it on, and tap the footswitch. The MiniView 6800 automatically adjusts image brightness, contrast and technique factors for optimal image quality.

Any manual image adjustment may be made at the bilateral X-ray tube mounted control panels. All surgeon controls are well within reach and line of sight.

After the procedure, a simplified workstation keyboard and interactive touchscreen menus guide the operator through image post processing and hardcopy functions.

## How does the MiniView 6800 obtain the best possible image quality?

The display of fine anatomic detail begins with a tiny 50 micron focal spot at the X-ray source. The image processor uses real-time edge enhancement to digitally sharpen the most minute structures for final display on high resolution 1k x 1k monitors.

## Why GE?

GE Medical Systems and OEC have joined forces to combine decades of expertise in the design and manufacture of imaging devices used around the globe.

GE understands the high image quality and performance standards required by world class medical facilities for surgical and radiologic imaging.



# Value of a Leader



## World-Class Products, Training & Service

Quality, Reliability, Plus Dependable Service

GE products are designed and manufactured to provide outstanding performance and reliability during normal use. In the event you need service help, we have created several different levels of service and support to ensure that your system is ready when you need it while still meeting your budget. You can select from a range of service options. You can either assume the entire maintenance of your system, contract to train your own medical staff, or choose a variety of options in between.



## Clinical Support and Training

GE Understands Your Needs

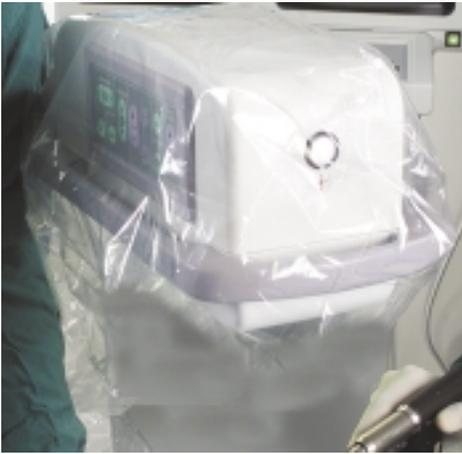
Clinical operator training is included with each and every OEC MiniView 6800. A GE Clinical Imaging Specialist will be on site upon installation of your OEC MiniView 6800 and will remain with your staff for in-service instruction.

## Worldwide Sales and Service

GE OEC Medical Systems, Inc. has achieved ISO-9001 or ISO-9002 registration for all of its facilities. This significant accomplishment provides you with the assurance of our commitment to the highest quality standards accepted by the worldwide community.

GE OEC products carry the following safety approvals:





## Consumables & Supplies

### For OEC Systems

All GE drapes and sterile covers for OEC equipment are custom designed to provide a tight fit with minimal excess plastic for full equipment protection during urology, cardiology or surgical procedures.

Each drape or cover is made of durable polyethylene material for quick and easy cleanups. Order a consumables pack for a complete set of equipment covers for one procedure, or order items individually as you need them.

To order your Accessories and Supplies in the U.S. call 1-800-874-7378, for purchases outside of the U.S. -contact your local Sales Representative.



For more than 100 years, healthcare providers worldwide have relied on GE Medical Systems for medical technology, services and productivity solutions.

So no matter what challenges your healthcare system faces - you can always count on GE to help you deliver the highest quality healthcare.

For details, please contact your GE representative today.



**GE Medical Systems**

General Electric reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Representative for the most current information.

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