C – ARM IMAGING

CLARITY OF
Vision

PREMIER™
Encore

FLUOROSCAN®
C-ARM IMAGING

HOLOGIC A FAMILY OF COMPANIES

PREMIER™ Encore

The Clear Choice in C-arm Imaging

Smart engineering that translates to functionally strong, user-friendly, time efficient features is good news for both surgeons and radiologists. Features such as a 6/4 dual mode image intensifier lets you switch from a 6-inch (15 cm) to a 4-inch (10 cm) field of view in order to easily magnify anatomy for superior visualization.

Customized physician settings store your clinical preferences. Snap Shot™ assures optimal images with minimal exposure. Audit Mode helps your administrator document system use, patient-by-patient. And, if your facility has PACS, Premier Encore is DICOM compatible and ready to transfer stored images, singly or in batches, via fast ethernet or CD/CD-RW media.

- Physician-specific system settings
- Streamlined user interface with touch command activation
- Improved DICOM capabilities with 10/100 base-T ethernet
- CD and mini CD-RW storage

Premier Encore builds on a strong foundation of delivered ease of use and time saving functionality. With features like 6/4 Dual Mode and High Speed Mode, you'll discover the perfect balance of precision and productivity — from imaging larger areas like knees and shoulders to the tightest magnification on fingers and toes.

Premier Encore is the most technologically advanced, user-friendly mini C-arm available today. In the OR, ED, surgery centers and doctors' offices, Premier systems are the preferred choice.

Building on a solid foundation

A 0.045 mm focal spot x-ray tube (the smallest of any mini C-arm) provides the clearest resolution and the most detailed images you will find. An ideally balanced, iso-centered C-arm moves effortlessly into place and stays there until you're ready to move it. Unique, surgeon-centered controls provide digital imaging capabilities readily accessible in or outside the sterile field. Whether you are working alone or with assistance, operation is always efficient, effective and easy.

It takes customer focus and know-how to build an even better mini C-arm

Connecting Doctors & Patients

through thoughtful engineering

Premier is the standard for real-time extremities imaging. Its compact, ergonomic design fits with your style of working, even in tight surgical suites, allowing room to spare. The combination of ease-of-operation and advanced features make Premier Encore the perfect addition to hospitals' OR and ED, surgery centers, orthopedic group practices and doctors' offices. Premier Encore is your mini C-arm — keeping pace with the increasing demands you face every day.

Low x-ray dose and a tightly collimated beam significantly reduce scatter radiation and exposure risks compared to conventional C-arm systems.

A unique command panel puts seven essential commands inside the sterile field (users can also operate Premier Encore™ via the footswitch, remote control or full keyboard with dedicated command keys).

A) *Digital acquisition and a 45-micron focal spot (the smallest available in mini C-arms) produce high-definition images with superior clarity.*

Laser Alignment Device (LAD) for x-ray-free positioning*

** Class 1 laser product*

B) *SureLock™, a patented safety feature, locks the C-arm securely into position.*

C) *The iso-centered C-arm rotates a full 360° and rolls smoothly into position around the surgical subject.*

D) *6/4 Dual Mode lets you switch from a 6-inch (15 cm) to a 4-inch (10 cm) field of view.*

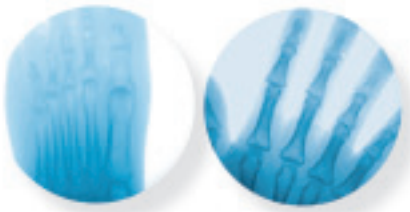
E) *15 inch (38 cm) high intensity monitors swivel 60° for easy viewing at any angle. Images are sharp and clearly defined even in the brightest surgical environment.*

F) *Touch-sensitive right-hand display allows direct selection of images, operating commands and Mosaic Mode displays.*

G) *Moves and maneuvers easily on 6-inch wheels. Safety brake locks system firmly in place.*

H) *Premier Encore offers more storage options: 2000 or 4000 image hard drive storage, 3.5-inch floppy diskette or 3-inch and 5-inch CD-R/CD-RW or DICOM transfer.*

I) *Triple function foot switch includes x-ray on/off, image save and image print.*



Expand your capabilities...

To learn how Premier Encore™ can work with you to improve the quality of your patient care, call to arrange a demonstration. 1-800-233-5400 or visit us online at www.hologic.com.

Customized Physician Settings —

Use the system the way you want it to operate. Improves efficiency by automatically configuring system parameters based on the operating physician.

Clinical Enhancements —

Premier Encore's image tools (Edge Enhancement, Area of Interest, Black/White Reverse, Image Flip, Zoom and Noise Suppression) are easily accessed from the head controls, keyboard or wireless remote control.

Improved Fast Search™ —

Premier Encore's improved Fast Search software seeks and finds stored images quickly and simply.

On-Screen Data and Prompts —

Technique and patient data are always displayed for quick reference. Touch-sensitive menu choices and on-screen "hot key" prompts guide you through all the functions of the system from set up to clinical applications to image transfer. The result? Premier Encore is user-focused for maximum efficiency.

Comprehensive Audit Mode —

Record start times, end times, dates, patient first and last names, patient ID and view, the doctor, and total number of x-rays taken. Tabulate, inventory and track usage for any period of time. Use data to assist with billing. View, print, or even transfer data to Excel™ format for spreadsheet analysis.

Snap Shot —

Avoid over exposures and increase your efficiency with this unique safety feature. Snap Shot determines when you've achieved image optimization and automatically halts x-ray. Obtain the best image possible with the safest means possible.

Improved DICOM Compatibility —

Premier Encore's DICOM is compatible with most hospital PACS. You can download images by case or in batches to your existing PACS. Transmit images for storage, for review or for printing to a PACS network printer down the hall or across the country.

Flexibility —

With its balanced C-arm and exceptional 14 inches (35.5 cm) of free space, Premier Encore can be positioned easily for a multitude of positions and applications. Premier Encore maximizes efficiency in surgery or clinic with its high quality digital images, simplified operation and easy mobility.

Premier Encore™

- 6/4 cesium iodide image intensifier (15 cm/10 cm)
- Dual, high intensity monitors, 15" (38 cm)
- Alphanumeric keyboard
- Direct Select touch-sensitive display
- Five function C-arm control center
- Laser Alignment Device (LAD) (Class I laser product)
- Three function footswitch (x-ray, print, store image)
- Thermal printer; 4" x 5" prints (100 mm x 125 mm)
- 4-image short-term memory
- 4-image mosaic with mosaic print function
- Noise suppression
- Automatic Dose Rate (ADR)
- Clinical Imaging Enhancements:
  - — Area of interest
  - — Edge enhancement
  - — Zoom
  - — Black/white reverse
  - — Image flip
- Audit Mode
- 2,000 image storage
- On-board Help guide
- CD-RW drive for image archival
- CD-based inservice and operator training tool
- One-year warranty (parts and labor)

Options:

- 4,000 image storage upgrade
- 10/100 base-T DICOM ethernet
- Physician's DICOM Viewer for Windows
- Infrared remote control
- VHS recorder
- Performance Plus Extended Warranty

Printer Options:

- 5"x 7" (127 mm x 178 mm) blue film/paper printer
- 6"x 8" (152 mm x 203 mm) thermal printer

Hologic Inc. is a family of companies, sharing not just expertise but a purpose — turning innovative ideas into superior imaging technologies that enable physicians to make earlier and more accurate diagnoses. To achieve this goal, Hologic has assembled some of the most respected names in medical imaging — each contributing a wealth of experience, dedication and a clarity of vision.

Osteoporosis Assessment ■ **DirectRay® Digital Imaging**
LORAD® **Breast Cancer Detection** ■ FLUOROSCAN™ **C-arm Imaging**

HOLOGIC A FAMILY OF Companies

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