

## Extremity Imaging

# FluorSCAN<sup>®</sup> InSight<sup>™</sup> 2 Mini C-Arm System

The FluorSCAN InSight 2 mini C-arm is an intuitive and easy-to-use, cost effective system designed specifically for the orthopedic and extremity imaging market. With high quality digital images, simplified operation and easy mobility, the system is the ideal choice for the operating room, emergency department, doctor's office, surgery center, and sports medicine facility.

The system is equipped with a standard 6<sup>3</sup>/<sub>4</sub>" image intensifier and delivers ultra-fine, low-dose fluoroscopy and snap-shot images. New system enhancements have been made to help you see more; a 24" high-definition, hi-bright monitor paired with MegaView<sup>™</sup> Image ensures you see your images at their largest and sharpest – even from a distance.



## NEW

### 24" HD Color Display

See more with the largest touchscreen, and only widescreen color monitor on the market.

### MegaView<sup>™</sup> Image

Enlarge your image instantly by up to 20% with the simple double tap of the screen or press of the foot pedal.



# Product Specifications



## X-ray Specifications

X-Ray Source	Grounded tungsten anode x-ray tube 7.5 W high frequency
Focal Spot Size	0.045 mm
Tube kVp Range	40 to 75 kVp
Tube Current Range	0.020 to 0.100 mA
Maximum Output	0.1 mA @75 kVp
Laser Alignment Light	60 second timed on or full-time on IEC Class 1C

## Image Receptor

Image Intensifier	High sensitivity Cesium Iodide Dual Mode 6 in./4 in.
Field of View	Full field - 6 in. diameter Limited field - 4 in. diameter
Image Matrix Size	1 k x 1 k

## Control Modes

X-Ray	
Auto IQ	High resolution mode
Auto	Standard imaging mode
Manual	User override mode
Image Acquisition & Storage	
Standard Image	30 fps (frames per second)
Cine Video Recording	25 fps (framers per second)
Storage	Solid State Hard Drive (SSD) 10,000 Total images/500 per case
Imaging Modes	
Snapshot	Auto terminated single shot
Continuous	Fluoroscopy
Cine	Digital recorded fluoroscopy
Noise Suppression Options	
Ultra/Auto/High/Med/Low/Off	Selectable & configurable
Imaging Features	
Automated image processing	
Auto real-time noise reduction, edge enhancement and auto dose control	
Magnify-zoom-pan	
Brightness/contrast control	
Physician preference configurable	

## Software/Connectivity

Operating System	Windows 7 Professional
Connectivity	Ethernet wired Wireless (optional)
DICOM Options	Store — with annotation Print, modality worklist and storage commitment
Removable Data Storage	USB Port & CD/DVD-RAM Drive Export file formats: JPEG, TIFF, DICOM, Fluoriscan or native

## Display

Widescreen Multi-touch Color Monitor	Hi-Bright, PCAP touchscreen Hi-Definition 1920 x 1200 Digital DICOM compliant
Size	24 in. (61 cm)
Swing Mounting	Extendable with 350° swivel
Viewing Angle	178°
Primary "Live" Image	<b>Warp Correction Enabled</b> Standard view: Full Field 9.3 in. (23.5 cm), Limited Field 9.8 in. (25 cm) MegaView™ Image: Full Field 11 in. (28 cm), Limited Field 11.8 in. (30 cm)
	<b>Warp Correction Disabled</b> Standard view Full field/Limited field: 14.2 in. (26 cm) 12.2 in. (31 cm)

## Structured Dose Report

Total Dose Area Product (DAP) (cGy*cm <sup>2</sup> ), and Air Kerma (mGy)
Total exposure time (min:sec), and longest single exposure (min:sec)
Total images acquired and images saved
DICOM send and/or paper print options

## Power Requirements

Input Line Voltage	100, 120, 220, 240 VAC selectable
AC Input Frequency	50/60 Hz
Frequency	750 watt (max)
Power Failure Protection	Images software protected

## System Measurements

Base System	
Foot Print	28 in. x 32 in. (71.1 cm x 81.3 cm)
Door Clearance	30 in. (76.2 cm) minimum
C-Arm	
Depth	16 in. (40.6 cm)
Free Space	14 in. (35.5 cm)
Orbital Rotation	120°
Horizontal Travel	23°
Vertical Travel	23 in. (58.4 cm)
Pivot Rotation	380°
Panning Motion	320°

## Options/Accessories

Footswitch Options	
Wired	Triple-function
Wireless	Triple-function RF
Pedal Configuration	Save and/or reference tag
Button Configuration	MegaView Image/print or print
Printer Options	
Standard Format	Sony Thermal Printer UP-898MD
Large Format	Sony Hybrid Graphic Printer UP-991AD Multi-print formats available

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## Breast and Skeletal Health

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