



ORTHOscan

IMAGING EXCELLENCE



ORTHOscan HD
WITH FLAT DETECTOR

THE FIRST MINI C-ARM WITH A FLAT DETECTOR

EXCEPTIONAL IMAGE QUALITY

Increased gray-scale improves diagnostic accuracy

ENHANCED RELIABILITY

Fewer components leads to less probability of failure

OPTIMIZED FORM FACTOR

Small, thin design affords maximum maneuverability

ADJUSTMENT FREE IMAGING

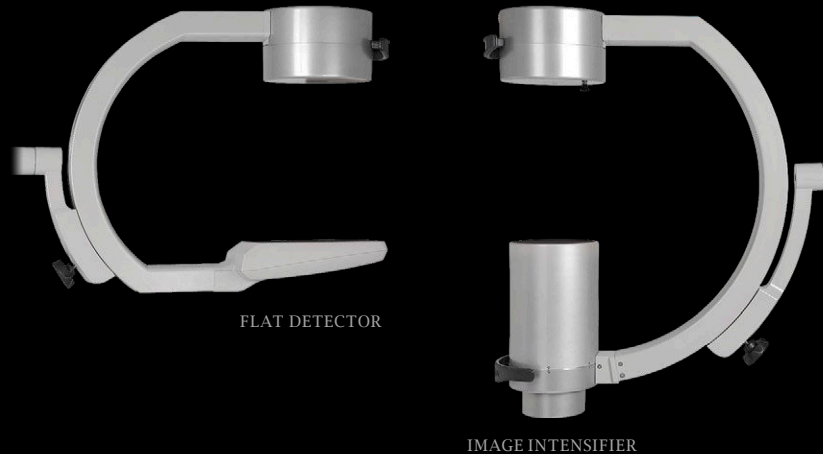
Automatically adjusts to metal, motion, and varying anatomy

BETTER DOSE UTILIZATION

Superior image quality for a given dose

SURGEON DRIVEN DESIGN

Enabling optimal image quality with minimal effort



FLAT DETECTOR

- Detector resolution: 2k x 1.5k
- 6" x 5" and 4" x 3" field of view
- Nominal width: 6"
- Useful array: 145mm x 115mm
- Pixel spacing: 75 microns
- DQE at 59.5 keV(IEC standard): 70%
- Dose rate: AKR, DAP

IMAGING

- Temporary image hold: 512 images
- Snapshot capabilities
- Frame rate: 30fps
- Automatic adaptive noise suppression
- 4 mode manual noise suppression
- Edge enhancement
- Laser alignment device
- Sterile field controls
- Infrared footswitch available

MONITOR

- View area: 20.1"
- Primary "live" image: 7.75" x 9.75"
- Dual secondary images: 4" x 4.75" each
- Resolution: 2 megapixel, monochrome TFT LCD
- Built-in DICOM calibration
- Height adjustable with left/right swivel
- Extendible monitor arm: 27" range of motion
- Monitor handles

C-ARM

- Free space: 13.8"
- Arc depth: 19.2"
- Pivot: 380°
- Lateral rotate (wig-wag): 320°
- Orbital rotate: 120°
- Vertical range: 41"
- Distance to cabinet: 60" maximum
- Distance to wheel base: 40" maximum

X-RAY MONOBLOCK

- Focal spot: 50 microns
- kV range: 40 - 78kVp
- mA range: 0.04 - 0.160mA
- Bias capable

DOCUMENTATION

- DICOM 3.0 compliant
- Two printer options
- Wireless communication
- Two USB 2.0 ports
- Image capacity: 8000
- EMR Image Link
- Cine Loop Export

SIZE AND DIMENSIONS

- Weight: 400lbs
- Height: 44.5"
- Width: 29"