



ORTHO SCAN

IMAGING EXCELLENCE



ORTHO SCAN FD PULSE

Pending 510(k) Clearance

THE ONLY MINI C-ARM WITH PULSED FLUOROSCOPY

30-80% Dose Reduction



FLAT-FORM DESIGN

Unique design provides optimal anatomical positioning & increased arc workspace



SURGICAL LED LIGHTS

Reduces shadows by providing primary light in the surgical field, illuminating anatomical detail



OVER-ROTATION

150° of rotation enables preferred views without stressing anatomy

35% LARGER FLAT DETECTOR



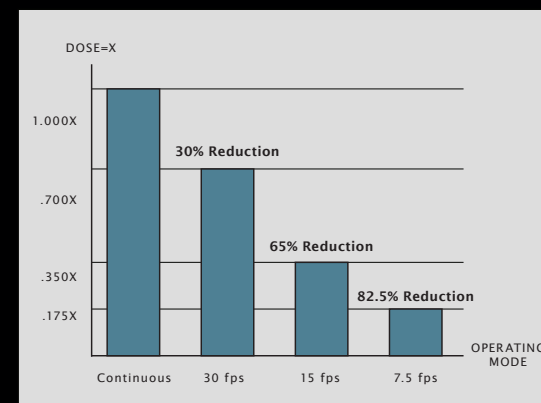
- Square Shaped CMOS Detector
- Negates need for rotating receptor
- Provides largest field of view in either direction

26% LARGER IMAGE



- 200% more pixels, 200% more resolution
- Smallest focal spot on market: 42.5 microns improves image quality, enhances edge detail

30-80% DOSE REDUCTION



- Selectable frames/pulses per second (30, 15, & 7.5 pps/fps) allow the user to reduce the dose 30%–80% depending upon imaging needs.

Flat Detector

- Detector resolution: 1.5k x 1.5k
- Field of view: 15cm (6") x 15cm (6") and 10cm (4") x 10cm (4")
- Nominal width: 15cm (6")
- Useful array: 15.0cm x 15.0cm
- Pixel spacing: 100 microns
- DQE at 59.5 keV(IEC standard): 70%
- Dose rate: AKR, DAP

Imaging

- Temporary image hold: 512 images
- Automatic adaptive noise suppression
- 4 mode manual noise suppression
- Edge enhancement
- Laser alignment device
- Surgical LED lights
- Bilateral controls
- Infrared footswitch available

Monitor

- View area: 51cm (20.1")
- Primary "live" image: 25cm (9.75") x 25cm (9.75")
- Dual secondary images: 16.5cm (6.5") x 16.5cm (6.5")
- Resolution: 2 Megapixel, monochrome TFT LCD
- Built-in DICOM calibration
- Height adjustable with left/right swivel
- Extendible monitor arm: 69cm (27") range of motion
- Monitor handles

C-Arm

- Free space: 35cm (14")
- Arc depth: 49cm (19.2")
- Pivot: 380°
- Lateral rotate (wig-wag): 320°
- Orbital rotate: 150°
- Vertical range: 104cm (41")
- Distance to cabinet: 165cm (65") max
- Distance to wheel base: 106cm (42") max

X-Ray Monoblock

- Focal spot: 42.5 microns
- Selectable pulse rate: 30/15/7.5 fps
- kV range: 40–78kVp
- mA range: 0.04–0.160mA

Documentation

- DICOM 3.0 compliant
- Two printer options
- Two USB 2.0 ports
- Image capacity: 8000
- Video (optional): 90 minutes
- Cine Loop Export

Size and Dimensions

- Weight: 181kg (400lbs)
- Height: 113cm (44.5")
- Width: 74cm (29")