



The **Orthoscan FD-OR Mini C-arm** is designed with flat Detection. The flat detection allows for the mini c-arm to be in the operating room and can be placed directly on the operating surface to reduce or Time and increase efficiency. The FD-OR has an orbital rotation of 150°. The Orthoscan FD delivers high-resolution images with an increased level of grayscale to improve diagnostic accuracy. Additionally, there is a surgical LED light located on the bottom of the tube head - making it easy to eliminate shadows that might be cast from the c-arm.

Features

- kV Range: 40 – 78kVp
- mA Range: 0.04 – 0.160mA
- 2 k x 1.5 k Image Resolution
- 15.0 cm x 12.0 cm Field Of View
- Greater arc depth of 19.2"
- Frames per second range: 30M
- Viewing area: 167 cm² (versus 165 cm² II)
- Lack of geometric distortion
- More x-ray information in the image
- Stores 8,000 images on the unit
- Small and Lightweight



Specifications

Dimensions

Weight: 400 lb
Height: 44.5"
Footprint (W x L): 27" x 33"

C-Arm

Free Space: 13.8"
Arc Depth: 19"
Pivot: 430°
Lateral Rotate (Wig-Wag): 320°
Orbital Rotate: 150°
Vertical Range: 34"
Distance to Cabinet: max 68"
Distance to Wheel Base: max 45"

Detector

Detector Resolution: 2 k x 1.5 k
Detector Size: 15.0 cm x 12.0 cm
Useful Array: 15.0 cm x 12.0 cm
Pixel Spacing: 75 microns
Dose Rate: AKR, DAP

X-Ray Monoblock

Focal Spot: 50 microns
kV Range: 40 – 78 kVp
mA Range: 0.04 – 0.160 mA

Imaging

Surgical LED Lights: Yes
Sterile Field Controls: Bilateral
Start Up Time: 30 sec
Temporary Image Hold: 512 images
Cine Loop Frame Rate: 30 fps
Snapshot Capabilities: Yes
Edge Enhancement: Yes
Post Process Brightness/Contrast: Yes
Adaptive Noise Suppression: Automatic
Manual Noise Suppression: 4 Modes
Laser Alignment: Yes
Multifunction Wireless Foot Switch: Capable

