



The **Orthoscan FD** is a mini C-arm that offers a digital system with flat panel detection. This Orthoscan mini c-arm can provide better clarity and a higher resolution of the x-ray images. The flat detector can provide a more direct signal that results in uniform images with less distortion and noise interference. The Orthoscan is a compact design for easy maneuvering and can easily rotate 150 degrees for optimal x-ray imaging without moving the patient.

## Features

- Automatically adjusts for motion, metal, and different anatomy.
- Fewer moving components and mobile design for great maneuverability.
- Increased gray-scale compared to previous model for an improved diagnostic accuracy.



# Specifications

## Dimensions

Height: 44.5 in (113.03 cm)  
 Width: 29 in (73.66 cm)  
 Weight: 400lbs (181.44 kg)

## Flat Detector

Resolution: 2k x 1.5k  
 Field of View: 6" x 5" (15.24 cm x 12.7 cm)  
 Nominal Width: 6" (15.24 cm)  
 Useful Array: 5.7" x 4.5" (14.5 cm x 11.5 cm)  
 Pixel Spacing: 75 microns  
 DQE at 59.5 keV (EIC standard): 70%  
 Dose Rate: AKR, DAP

## C-Arm

Free Space: 13.8 in (35.05 cm)  
 Arc Depth: 19.2 in (48.77 cm)  
 Pivot: 380°  
 Lateral Rotation (Wig-wag): 320°  
 Orbital Rotation: 120°  
 Vertical Range: 41 in (104.14 cm)

## 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

## X-Ray Monoblock

Focal Spot: 50 microns  
 kV Range: 40 - 78kVp  
 mA Range: 0.04 - 0.160mA  
 Bias Capable

## 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  
 Extendable Monitor Arm: 27" range of motion  
 Monitor Handles

