



The **Orthoscan HD** mini c-arm offers a height adjustable monitor and an outstanding vertical range on the c-arm. The expanded vertical range provides the ability to image beach chair and standing knees. Orthoscan c-arms offer a “Boost” feature that enables the ability to image larger anatomy such as large shoulders and knees. It has a simple intuitive interface that allows the user to perform basic imaging with little, if any, instruction.

Features

- Automatically adjusts to metal, motion, and varying anatomy.
- Accurate adjustments of the mini c-arm allows the operator to use less fluoro time (less dose) and accurately view anatomy.
- Ability to create images and record video at 30 frames per second.
- Can store up to 8,000 images without removable storage.
- DVI/VGA outputs compatible with projection equipment.



Specifications

C-arm

Free space: 13.8"
Arc depth: 18.2"
Pivot: 380°
Lateral rotate (wig-wag): 320°
Orbital rotate: 120°
Vertical range: 41"
Distance to cabinet: 60" maximum
Distance to wheel base: 40" maximum

Imaging

Temporary image hold: 512 images
 Snapshot capabilities
Frame rate: 30fps
 Automatic adaptive noise suppression
 4 mode manual noise suppression
 Post process brightness/contrast
 Edge enhancement
 Laser alignment device
Sterile field controls buttons: fluoro; rotate; A/P and lateral image hold; kV/mA (bright/dark); and print and/or save

Image Intensifier

CCD resolution: 1k x 1k
 6" and 4" field of view
Nominal diameter: 6"
Useful entrance field size: 145mm
Magnified operating mode: 105mm
DQE at 59.5 keV(IEC standard): 65%
Conversion factor(normal/zoom): 17/9(cd.m-2/μGy.s-1)
Limiting resolution – center (normal/zoom): 55/65 lp/cm

Storage

Image capacity: 8,000
Video (optional): 90 minutes

File Exchange

DICOM 3.0 compliant with DICOM Send, Store, Print, and Worklist services
 DVD burner capable
 Two USB 2.0 ports



