



The fourth generation Premier Encore system raises mini C-arm fluoroscopy to new levels of image quality, economy, ease of use, and safety while bringing expanded administrative capabilities and connectivity to the radiology department. Hologic's FluoroScan business pioneered the mini C-arm concept for orthopedic applications. Our products provide real-time imaging capabilities for the operating room with a minimal investment of manpower and lifecycle costs from the radiology department.

Features

- Dual 6" x 4" II
- Can be used in a variety of diagnostic, surgical and post-operative extremities procedures including: hand, wrist, forearm, shoulder, foot ankle and knee
- Utilizes a compact, fully adjustable counter balanced c-arm for X-Ray imaging of extremities at greatly reduced levels of radiation exposure and scatter



Specifications

Dimensions

Height 60" (152cm)
Width 36" (91cm)
Depth 32" (81cm)
Weight 500 lbs (227kg)
Ground Clearance 3" (7.6cm)
Cord Length 20 ft (6.1m)
Required Floor Space 5' x 6' (1.5m x 2.0 m)

Power Requirements

Nominal Rate Line Voltage 10V~, 60Hz; 230-240V~, 50Hz
Operating Range 90 to 132V~; 180 to 264V~
Line Voltage Regulation $\pm 10\%$ daily line reg.; $\pm 5\%$ load reg
Max Current at 75kVp/.100mA 6A at 105V, 4A at 210V; 6A at 115V, 4A at 230V, 6A at 130V, 4A at 260V

X-Ray Specifications

Source – Image Receptor Distance 44 cm (17.5")
X-Ray Source Grounded anode X-ray tube
X-Ray Tube Window .0005" Beryllium
Beam Filtration Stainless steel with aluminum equivalence $>2.5\text{mm}$
Focal Spot 0.0045 mm
Field of View Operator selectable collimation of 4" or 5.13" diameter (10 cm or 13.5 cm) FOV at the plane of the image intensifier
Rated Peak Tube Potential 75 kVp
Tube kVp Range 40 to 75 kVp
Tube Current Range 0.020 to 0.100mA

Imaging Specifications

Image Intensifier High sensitivity Cesium Iodine
C-Arm Dimensions Source to detector distance: 17.5" (44cm)
Free Space: 14" (36cm); Depth of arc = 14" (36 cm)
Imaging Processing Digital, with 2 to 16 frames of video averaging and last frame freeze
Video System Dual 15" (38 cm) SVGA Portrait Mode Monitors. Solid rate video camera; RS170 video printer