

Advanced Fluoroscopic Imaging Designed for Robotic EP

Image Quality

- CMOS Flat Panel Detector Technology
- Customizable Image Appearance
- Odyssey™ QHD Large Screen Display
- Wide 30cm Field of View

Radiation Reduction

- Low-Dose CMOS Flat Panel Detector
- Adjustable Fluoroscopic Pulse Rate
- Beam Collimation
- Lung Filter Collimation
- Variable SID

Designed for EP

- Complete Robotic EP Solution
- Suitable for all EP Procedures
- Software Functionality for EP
- Single Mouse Control of all Lab Systems
- Integrates with PACS

Ease of Operation

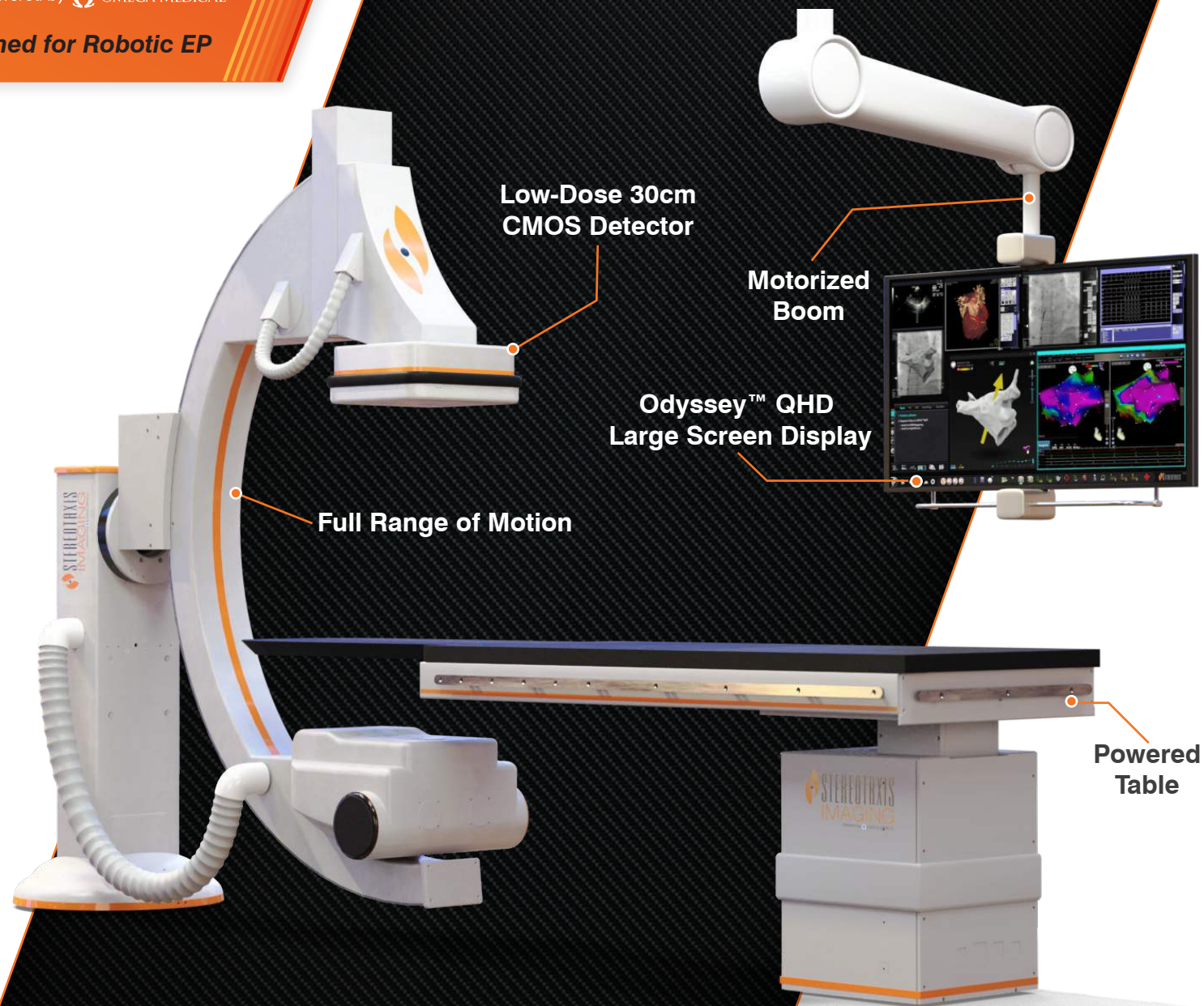
- Full Operation from Procedure or Control Room
- Coordinated Odyssey™ QHD Large Screen Displays
- Single Button Magnification Adjustment
- Full C-Arm Range of Motion
- Powered Table

Ease of Installation

- Single Source Planning & Installation
- Reduced Weight
- Reduced Space

Reliability

- Uptime >99%
- Single Service Provider
- Stereotaxis Global Field Service



Complete Robotic EP Solution

SYSTEM SPECS



CMOS Flat Panel Detector

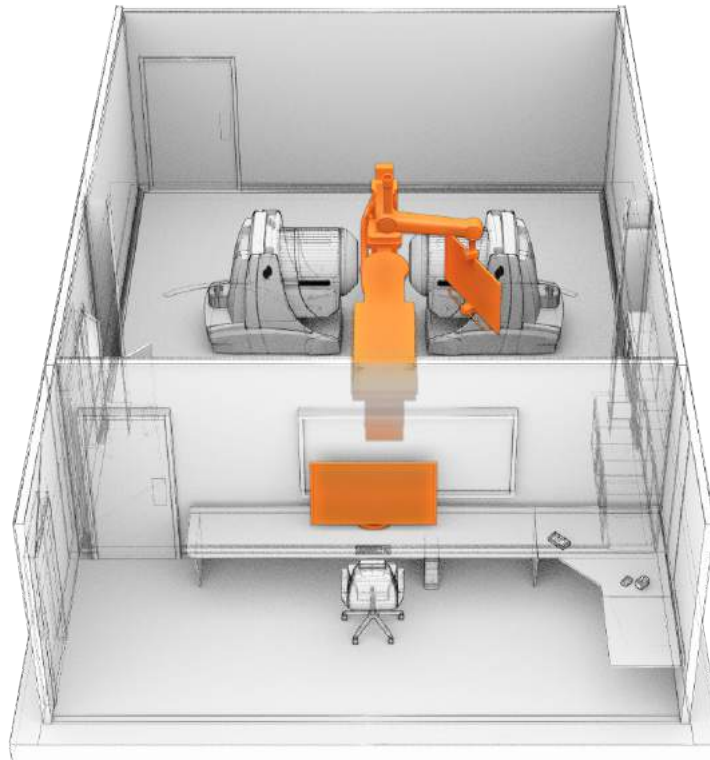
Latest generation technology: improved image quality and radiation reduction vs Amorphous Silicon detectors

- Lifetime: Minimum 10 years
- Fluoro Frame Rate: 3.75/7.5/15 f/s
- Cine Frame Rate: 15/30 f/s
- Detector Image Format: 99um x 99um
- Number of Pixels: 3096(H) x 3096(V) (30cm x 30cm)
- X-ray Image Resolution: 3068(H) x 3068(V)
- Analog to Digital Conversion: 14 bits
- Energy Range: 40 – 125 kVp
- Operating Temperature: +10 - +40 Celsius



High Speed Dual Focus X-Ray Tube

- Full Beam Collimation
- Lung Filter Collimation on Single Click
- Displays accumulated fluoro/study
- Displays patient entrance dose rate & accumulated dose per study
- 1,000,000 Heat Unit Anode
- 10° target, 270° horns
- Rated 53/90 kW
- 0.6 - 1.0 f/s



Fully Motorized Movements

- Vertical SID: 15"
- LAO/RAO +/- 90 degrees
- Cranial/Caudal +/- 30 degrees



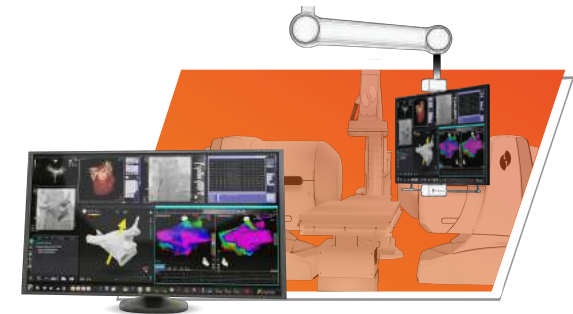
Powered Table

- Carbon Fiber Tabletop
- Full Panning & Elevation Control
- Length/Width: 104"/27"
- 450 lb. Weight Capacity
- Four-Way Float: 45" Longitudinal, ± 6" Transverse
- Table Height: 34" – 41"



High Resolution Image Processor

- Modes of Operation: Fluoro, Fluoro Loop, Cine
- Auto Calibration
- 3D Image Overlays
- Image Storage Capacity: 80,000 minimum
- Auto Loop Replay & Last Image Hold
- Real-Time 5 Level Edge Enhancement
- Motion Correction with Programmable Thresholds
- Zoom / Pan / Window / Level Adjustments
- Digital Shutters
- Measurements- Length, Angle, Calibration, Annotation, Pointer
- Multi-Image Display: 4 on 1
- Dynamic Replay of Loops: 4 on 1
- DICOM 3.0 Network Interface and CD/DVD/USB Recording



Odyssey™ QHD Large Screen Display & Motorized Boom

- 58" QuadHD 8MP Clinical Displays (3840x2160 Resolution)
- Optimize efficiency by operating labs as one system
- Single mouse and keyboard to operate entire lab
- Supports up to 16 digital fiber optic input channels
- Tableside LCD Touchscreen
- Motorized Boom with additional backup monitors

