



# MOBILE C - ARM IMAGING SYSTEM

SURGIX

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## TECHNICAL SPECIFICATIONS

### System Specifications

Models	Surgix	Surgix R	Surgix R HQ
Generator Output	3.5 kW	5 kW	5kW
X-Ray Ripple Frequency	High Frequency, 100 KHz		
FLUOROSCOPY Modes	Manual Fluoroscopy Pediatric Mode Boost Fluoroscopy Obese Mod Semi-Auto Mode Auto Mode Pulse Mode		Manual Fluoroscopy Pediatric Mode Boost Fluoroscopy Obese Mode Semi-Auto Mode Auto Mode Pulse Mode Optional: Cine Mode, Road Mapping & DSA
Fluoroscopy mA Range	0.3mA to 8 mA	0.3mA to 10mA	
Fluoroscopy Timer	Digital timer 5 Min (300 Secs)		
Radiography Mode	0.2 to 200 mAs		
KV Range	40 to 110 kV	40 to 120 kV	

### X-Ray Tube

Type	Stationary Anode	Rotating Anode
Focal Spot	0.6mm / 1.5mm	0.3mm / 0.6mm

### Control Panel

Keyboard	Feather Touch key board with various controls
Digital Display	Large Backlit LCD Display, displays operating modes, parameters, errors

### C-Arm Stand

Focus to I.I. Distance	850mm
Up-Down Travel	450mm, Motorized
Horizontal Travel	220mm
Orbital Range	115 Deg., (-25° to +90°)
Panning Movement	± 12.5 Deg.
Locking	Manual Locking for horizontal, Panning & orbital Movement accessible for both sides

### Image Intensifier Chain

Image Intensifier	9 inch, Triple Field Thales make or Toshiba Make
CCD Camera	HD System: Sony Hi-Res B&W CCD Camera HQ System: 1k X 1K resolution CCD Camera
Image Processing & Storage System	HD System: 100 Images inbuilt storage with Lan Connection to transfer images & USB port to store & transfer images on USB stick. HQ System: 150,000+ images inbuilt Storage ophon ; cine, DSA with DICOM send, print & store function.
Monitor	HD System: 32" High Definition LED With split screen HQ System: 32" High Definition LED with Split screen or 2 Nos 19" Medical Grade Monitors
Input Power Supply	Single Phase, 220V + 10%, 50 Hz, 15Amps