



# MOBILE C - ARM IMAGING SYSTEM

SURGIX

# MOBILE 'C' ARM IMAGING SYSTEM

SURGIX



## TECHNICAL SPECIFICATIONS : Surgix Mobile C-Arm System

System Specification		
Models	Surgix - HD	Surgix R - HD
Generator Output	3.5 kW	6 kW
Type	High Frequency, 40 KHz	
Fluoroscopy Modes	Manual Fluoroscopy, Pediatric Mode, Boost/High Dose Fluoroscopy, Obese Mode, Semi Auto Mode, Auto Dose Rate control, Pulse Mode	
Fluoroscopy mA Range	0.3mA to 8 mA	0.3mA to 12 mA
Fluoroscopy Timer	Cumulative Digital timer 5min (300 Secs)	
Radiography Mode	0.2 to 200 mAs	
KV Range	40 to 110 kV	40 to 120 kV

X-Ray Tube		
Anode Type	Stationary	Rotating
Focal spot	0.6mm/1.5mm	0.3mm/0.6mm

Control Panel	
Keyboard	Feather Touch keypad with various controls on C-Arm. In case of HQ system also Alpha Numeric keyboard on trolley.
Digital Display	Large Backlit LCD Display, displays operating modes, parameters, errors

C-Arm Stand	
Focus to I.I. Distance	850mm
Up-Down Travel	430mm, Motorized
Horizontal Travel	200 - 220 mm.
Orbital Range	120 Deg. (-30 deg to +90 deg)
Panning Movement	± 12.5 Deg.
Dept of C-Arc	630 mm
Free Space between I.I. & X-Ray Tube	780 mm.
Locking	Manual Locking for horizontal, Panning & orbital Movement accessible for both sides
Steering	2 separate steering for operating front & back wheels. Also act as locking for complete machine at one place.
Input Power Supply	Single Phase, 220V, 15Amps 50Hz + 10%
Accessories	Lead Aprons-2nos & UPS with HQ system Optional Thyroid, Gonad, Goggles, Stabilizer.

Image Processing & Storage System		
Image Intensifier	9" Triple field Canon, Japan of 9"/6"/4.5".	
	HD System	HQ System
CCD camera	½ standard resolution CCD B&W Camera	High end 1K x 1K high resolution CCD / CMOS Digital Camera
Imaging Processor	Hardware Based	PC & Software
Image Processing	Zoom	At 1Kx1K Matrix, Contrast enhancement, Edge enhancement, Zoom, noise reduction Recursive filters, Last Image hold, Image rotation, vertical & horizontal reversal
Image Storage	100 Images inbuilt permanent storage	100,000+ images inbuilt Storage function.
Control Options	Stand Alone system with controls for image Rotation, Zoom, Vertical & Horizontal Flip, Image Averaging, Negative	Software integration & control for imaging parameters both from software & C-Arm Console, Image Processing parameters, APR function, Patient Database
Cine Loop Storage	N.A.	Yes, Optional
Image Storage Options	LAN Connection USB stick	LAN Connection USB stick CD/DVD writer DICOM send & store (Optional)
Print Composer	N.A.	Paper Print DICOM Print (Optional)
Advance Modes	N.A.	Cine Mode (Optional) Digital Subtraction Angiography (DSA) Mode (Optional)
Monitor	32" High Denition LED TV With split screen	32" Full HD LED Monitor with Split Screen Or 27" Medical Grade LCD Monitor with Split screen (Optional) Or 27" Medical Grade LCD with Touch Screen & Split Screen Display Or 2 Nos 19" Medical Grade Monitors
Regulatory/Safety Requirement	ISO-13485 / Bureau of Indian Standards (BIS), Atomic Energy Regulatory Board (AERB)	
Optional	Laser Centering device	

Specications, design and / or accessories listed in the catalogue subject to change without prior notice

### MANUFACTURED & SERVICED BY:

#### MEDION HEALTHCARE PVT. LTD.

Plot No.K49, Additional MIDC, Anand Nagar, Near MSEB Sub station, Ambarnath (E) - Maharashtra, INDIA.

Tel: +91 74100 26561 | Email: sales@medion.co.in

Website: www.medion.co.in

**MEDI+ON**  
Healthcare

Formerly: Meditronics sales & service Pvt. Ltd.

### REPRESENTED BY:

