



MOBILE C - ARM IMAGING SYSTEM

SURGIX

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TECHNICAL SPECIFICATIONS : Surgix Mobile C-Arm System

System Specification		
Models	Syrgix HD	Syrgix R HD
Generator Output	3.5 kW	5 kW
Type	High Frequency, 40 KHz	
Fluoroscopy Modes	Manual Fluoroscopy, Pediatric Mode Boost Fluoroscopy, Obese Mode Semi-Auto Mode, Auto Mode Pulse Mode	
Fluoroscopy mA Range	0.3mA to 8 mA	0.3mA to 10 mA
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		
Anode Type	Stationary	Rotating
Focal spot	0.6mm/1.5mm	0.3mm/0.6mm

Control Panel		
Keyboard	Feather Touch key board with various controls on C-Arm	Feather Touch console keyboard with various controls on C-Arm & Alpha Numeric Keyboard with Touch pad 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	200mm
Orbital Range	115 Deg., (-25 to +90)
Panning Movement	+ 12.5 Deg.
Locking	Manual Locking for horizontal, Panning & orbital Movement accessible for both sides
Input Power Supply	Single Phase, 220V, 15Amps 50Hz + 10%

Image Processing & Storage System		
Image Intensifier	9", Triple Field Thales make or Toshiba Make	
	HD System	HQ System
CCD camera	Hi-Res 1/2" CCD B&W video camera.	1k X 1K resolution CMOS Digital Camera
Imaging Processor	Hardware Based Image processing System.	PC & Software Based Image Processing System
Control Options	Stand Alone System with controls for Image Rotation, Zoom, Vertical & Horizontal Flip, Image Averaging, Negative	Software Integration & Control of Imaging Parameters both from Software & C-Arm Console, Image processing parameters, APR function, Patient Database.
Image Storage	100 Images inbuilt permanent storage	100,000+ images inbuilt Storage function.
Image Storage Options	LAN Connection USB Stick	LAN Connection USB Stick CD/DVD Writer DICOM Send & Store (Optional)
Cine Loop Storage	N.A.	Yes, 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 Definition 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

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

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