

passion to lead

EPSILON

EPSILON  Solution

HD SERIES



Certified & approved By:

KW : 3.5 / 6

RERB

CE

IS : 7620
CML : 3183251

ISO 9001
ISO 13485

CSI
ISO 13485

EP Victory **HD SERIES** Mobile C-Arm Unit

HD SERIES is a mobile C-Arm IMAGE INTENSIFIER system specially designed for Orthopedics Urology, Gastroenterology, Abdominal and other surgical procedures with high quality image on single screen high resolution monitor.

HD SERIES is a unit technically based suited for following features like balancing, movability, X-Ray features, image quality and safety.



Image Memory

Pre & Post Processing

- LIH Mode, Real time noise reduction (Avg. 2 to 16 frames)
- Patient folders for image storage
- Real time image rotation, Zoom (2x 3x), Negative mirror, Flip & Contrast stretching



Image Memory System with Trolley

Management & Connectivity

- Parameter setting for different procedures
- Configurable pre setting of patient data

CONTROL PANEL

Epsilon **HD SERIES** C-Arm System have very compact & soft touch micro processor based control panel. All the switches are symbolic, user friendly and reliable.



1	Up	3	mA/mAs Decrease
2	Down	6	KV Increase
4	mA/mAs Increase	9	Ready
5	KV Decrease	12	Down
7	Timer	15	Pulse Mode
10	Exposure	16	Boost Mode
13	Fluoroscopy Mode	17	ADR Mode
16	Boost Mode	18	Power Switch
19	Reset Switch	21	IRIS Open
22	LCD Display		



Arc Orbital Rotation

Horizontal Movement

Vertical Movement



Axial / Pivotal Rotation / Angulation



Wig-Wag / Panning Movement

Technical Specifications

SPECIFICATIONS		HIGH FREQUENCY C-ARM SYSTEMS (HD SERIES)			
MODEL	EP VICTORY HF - 3.5 Advance	EP VICTORY RA-6			
Max Output (KW)	3.5	6			
Fluro KVMax.	110	120			
Fluro mA Max.	3.5	5			
Radio KV Max.	110	120			
Radio mA Max.	80	100			
Radio mAs	1 - 200	1 - 200			
Fluro Boost Mode (Max. mA)	7.5	10			
Tube Head	Stationary	Rotating			
Focal Spot	Dual				
Focal Spot Size (mm)	0.6 & 1.5	0.3 & 0.6			
Image System	Digital				
Camera	High Definition CMOS Sensor based camera with high resolution of 1K x 1K				
I. I. Tube	9" (230 mm) Triple Field (Normal - 9", Zoom ₁ - 6", Zoom ₂ - 4.5")				
Collimation	Static Beam (IRIS Collimator Optional)				
LED Monitor	Single high resolution 32" LED, Full HD Monitor with Split Screen				
Memory	10000 Images storage (100 image per patients (folder) ; 100 patient max. Image folder transfer to USB				
ADR / ABS Facility	Available				
Operating Modes	Continuous Fluoroscopy, Pulsed Fluoroscopy, Boost Fluoroscopy, ADR & Radiography				
Stabilizer	Standard				
Cassette Holder	Optional				
Power Required	1Ø 190-240 VAC 50 Hz with 15 Amps Power Socket (Required Proper Line Earthing)				

Due to continuous R & D for product development and improvement design, specifications, appearance & Data indicated might be vary from the product illustrated in the catalogue.

MECHANICAL CHARACTERISTICS			
C-Arm Dimension			
Vertical Movement	430 mm	Horizontal Movement	230 mm
Wig-Wag / Panning	± 12.5°	Axial / Pivotal Rotation / Angulation	± 180°
Orbital Movement	125° (-35° to + 90°)	S.I.D.	950 mm
Arc Depth	660 mm	Clearance	800 mm

OTHER FUNCTIONS			
Emergency STOP	Foot Switch	Steering Handle for Movement	Locks for all Movement

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