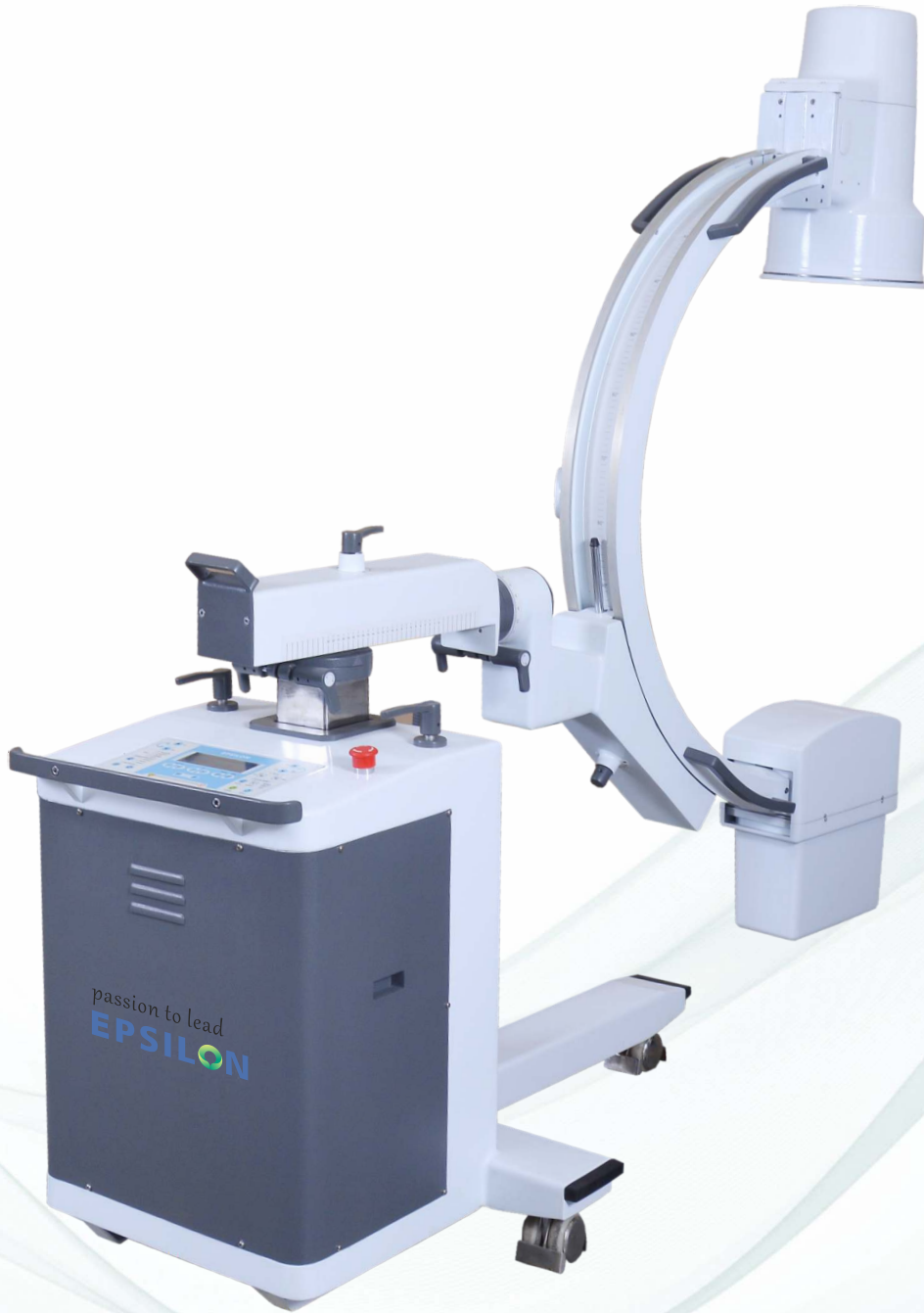


passion to lead

EPSILON

EPSILON  Solution

HD SERIES



KW : 3.5 / 6

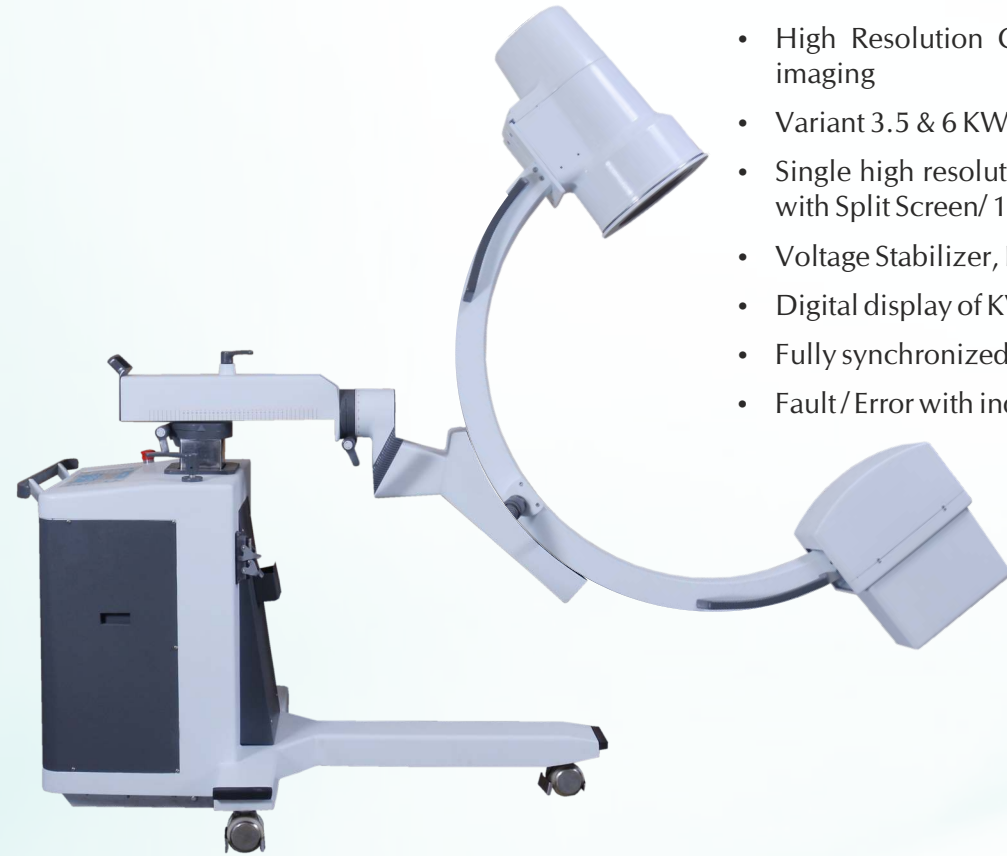
Certified & approved By:



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.



- High Resolution CMOS Camera with 1K x 1K imaging
- Variant 3.5 & 6 KW
- Single high resolution 27" LED, Full HD Monitor with Split Screen/ 19" LED Dual Monitors
- Voltage Stabilizer, Isolation transformer
- Digital display of KV, mA, mAs
- Fully synchronized controls - soft touch buttons
- Fault/ Error with indicator are available

Image Memory

Pre & Post Processing

- LIH Mode, Real time noise reduction (Avg. 2 to 32 frames)
- Patient folders for image storage
- Real time image rotation, Zoom (2x 3x), Negative mirror, Flip & Contrast stretching

Management & Connectivity

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



Image Memory System with Trolley

CONTROL PANEL

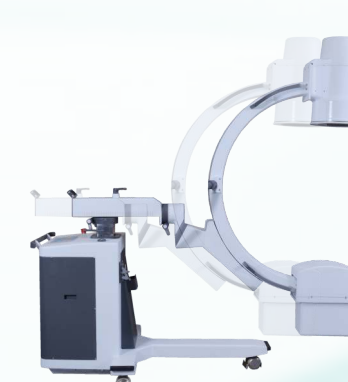
Epsilon **HD SERIES** C-Arm System have very compact & soft touch micro processor based control panel. All the switches are symbolic, user friendly and reliable.



- | | | |
|---------------------|---------------|-------------------|
| 1 Up | 2 Down | 3 mA/mAs Decrease |
| 4 mA/mAs Increase | 5 KV Decrease | 6 KV Increase |
| 7 Timer | 8 APR | 9 Ready |
| 10 Exposure | 11 Up | 12 Down |
| 13 Fluoroscopy Mode | 14 Radio Mode | 15 Pulse Mode |
| 16 Boost Mode | 17 ADR Mode | 18 Power Switch |
| 19 Reset Switch | 20 IRIS Close | 21 IRIS Open |
| 22 LCD Display | | |



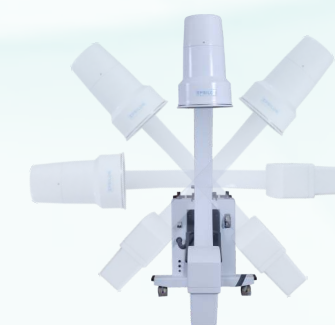
Arc Orbital Rotation



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	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 27" LED, Full HD Monitor with Split Screen/ 19" LED Dual Monitor	
Memory	Up to 2,00,000 Images - PC based software driven	
	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)	

MECHANICAL CHARACTERISTICS

C-Arm Dimension			
Vertical Movement	430 ± 5 mm	Horizontal Movement	230 ± 5 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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Due to continuous R & D for product development and improvement in design, specifications, appearance & Data indicated might be vary from the product illustrated in the catalogue.

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