

# EPSILON

passion to lead

EPSILON  Solution



KW: 3.5 / 6

Certified & approved By:



# EP Victory Series Mobile C-arm Unit

The apparatus is a MOBILE X-RAY UNIT with an IMAGE INTENSIFIER specially used for studies in orthopedic, abdominal and urological operating theatres.

EP VICTORY is a unit technically based suited for following features like balancing, movability, X-ray features, image quality and safety.



Image Memory System with Trolley

- 9" Image Intensifier
- High Resolution Camera
- Variant 3.5 KW & 6.0 KW
- Dual Flat Panel Monitors
- Preset functions based on applications
- Voltage Stabilizer, Isolation transformer
- Fully synchronized controls - soft touch buttons
- Fault Error with indicator are available

## CONTROL PANEL

Epsilon EP Victory C-Arm System have very compact & soft touch control panel with micro processor based. All the switches are symbolic for user friendly and reliability.



- |                     |               |                   |
|---------------------|---------------|-------------------|
| 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	
MODEL	EP VICTORY HF - 3.5 Advance	EP VICTORY RA-6
Max Output (KW)	3.5	6
Fluroscopy KVMax.	110	120
Fluroscopy mA Max.	3.5	5
Radiography KV Max.	110	120
Radiography mA Max.	80	100
Radiography mAs	1 - 200	1 - 200
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	
CCD Camera	½" B/W CCD, 752 x 582 Pixels / 1K x 1K CCD, 1024 x 1024 Pixels	
I. I. Tube	9" (230 mm) Triple Field (Normal - 9", Zoom <sub>1</sub> - 6", Zoom <sub>2</sub> - 4.5")	
LCD / LED Monitor	2 Nos. (17" / 19")	
Memory	100 Frames / 32 Frames / 100 Frames USB / LAN Support / Digital Image Processor	
ABS Facility	Available	
Operating Modes	Continuous Fluoroscopy, Pulsed Fluoroscopy, Boost Fluoroscopy, ADR & Radiography	
Stabilizer	Optional	
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	450 mm	Horizontal Movement	230 mm
Wig-Wag / Panning	± 15°	Axial / Pivotal Rotation / Angulation	± 180°
Orbital Movement	125° (-35° to + 90°)	S.I.D.	960 mm
Arc Depth	660 mm	Clearance	800 mm

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

## DIGITECH SYSTEMS

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