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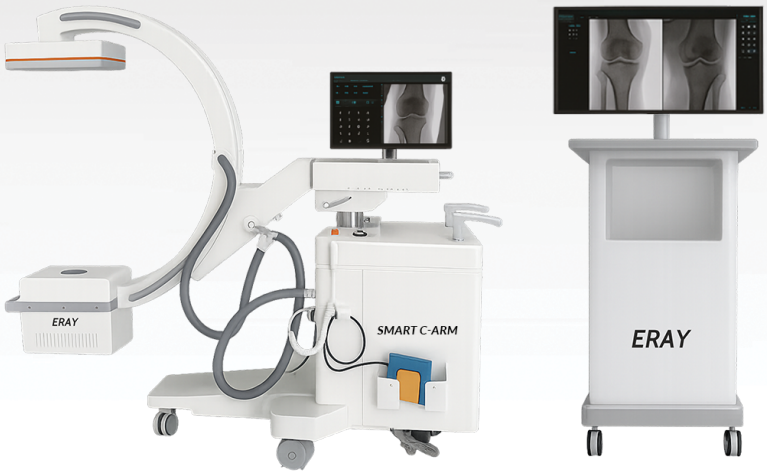
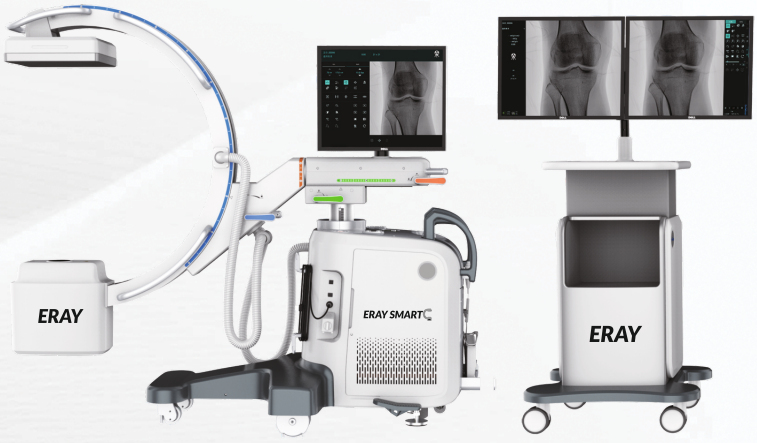
SURGICAL DIGITAL MOBILE C-ARM

12"X12" / 9"X9" FLAT PANEL DETECTOR



FPD : 12 Inch Wide



FPD : 9 Inch

ACCURACY
PRODUCTIVITY
RELIABILITY
AFFORDABLY

SURGICAL DIGITAL MOBILE C-ARM - 12" X 12" FPD

Powered by ABS Technology
Automatic Brightness Stabilization ensures consistent image clarity across procedures.

Digital Subtraction Angiography (DSA)
Enables real-time vascular imaging with high contrast and detail.

Dynamic Noise Reduction Filter
Enhances image quality by minimizing interference and visual clutter.

Live-to-Reference Image Shift
Seamlessly switch between live and stored frames for accurate comparisons.

Pre-Programmed Imaging Modes
Quickly adapt settings based on surgery type or clinical application.

Cine Loop Playback
Review image sequences automatically or frame-by-frame for thorough analysis.

DICOM Compatibility
Supports DICOM printing and seamless integration with hospital PACS systems.

Technical Highlights

X-RAY GENERATOR	MODEL	ERAY SMART C+
	POWER OUTPUT	5kW (High Frequency)
	mAs RANGE	0.2mAs-100mAs
CONTINUOUS FLUROSCOPY	VOLTAGE RANGE	40kV~125kV
	mA RANGE	0.2mA~10mA
PULSE FLUROSCOPY MODE	VOLTAGE RANGE	40kV-125kV
	mA RANGE	1mA -100mA
DIGITAL RADIOGRAPHY MODE	mA RANGE	1mA-100mA
X-RAY TUBE	TYPE	Rotating Anode
	ANODEHEAT CAPACITY	210kHU
	FOCAL POINT	0.3/0.6 mm
COLLIMATOR	SID	1100mm
C-ARM STRUCURE	ORBITAL ROTATION	30°~ +90°
	LATERAL ROTATION	±180
	VERTICAL TRAVEL	0 ~ 400mm
	HORIZONTAL TRAVEL	0 ~ 200mm
FLAT PANEL DETECTOR	TECHNOLOGY	Amorphous Silicon (a-Si) with CsI
	SIZE	30cm x 30cm
	IMAGE RESOLUTION	3.5lp/mm
	FRAME RATE	18 frames/sec
	PIXEL PITCH	154µm
EXTRA FEATURE	DSA	Yes (Optional)

SURGICAL DIGITAL MOBILE C-ARM - 9" X 9" FPD

Real-Time Noise Reduction
Enhances image quality at low radiation dose during procedures.

Automatic Brightness Stabilization (ABS)
Maintains consistent image brightness throughout the examination.

Flat Panel Detector Technology
Delivers distortion-free, high-resolution, and high-contrast images with a large field of view — ideal for surgical precision.

Color-Coded Axis & Handle
Simplifies C-arm positioning with intuitive, easy-to-use movement controls.

Removable Anti-Scatter Grid
Improves image clarity while reducing patient dose.

Footswitch-Controlled Exposure
Hands-free operation allows greater flexibility and workflow efficiency.

Last Image Hold
Preserves the final fluoroscopic frame on screen for detailed assessment without additional exposure.

Technical *Highlights*

X-RAY GENERATOR	MODE	ERAY SMART C
	GENERATOR TYPE	High Frequency Technology
	POWER OUTPUT	5kW
	mAs RANGE	0.2mAs-100mAs
CONTINUOUS FLUROSCOPY	VOLTAGE RANGE	40kV-110kV
	mAs RANGE	0.3mA~6.3mA
PULSE FLUROSCOPY MODE	VOLTAGE RANGE	40kV-125kV
	mAs RANGE	0.3mA-32mA
DIGITAL RADIOGRAPHY MODE	VOLTAGE RANGE	40kV-125kV
	mAs RANGE	2mA~100mA
X-RAY TUBE	TYPE	Stationary Anode
	ANODEHEAT CAPACITY	80kHU
	FOCAL POINT	0.6/1.2 mm
COLLIMATOR	TYPE	Digital Rectngular Collimator
	POSITIONING	Dual Laser Positioning
C-ARM STRUCURE	ORBITAL ROTATION	33° to +117
	LATERAL ROTATION	±180°
	VERTICAL TRAVEL	400mm
	HORIZONTAL TRAVEL	200mm
FLAT PANEL DETECTOR	TECHNOLOGY	Amorphous Silicon (a-Si) with Csl
	SIZE	21cm X 21cm
	A/D CONVERSION	16 bit
	PIXEL PITCH	200µm

Clinical Focus

Orthopedics

General Surgery

Pain management

Vascular Angiography

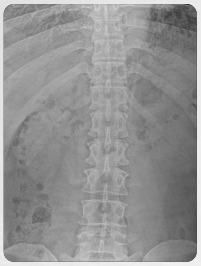
Urinary Surgery

Spine Surgery

Cardiology

Gastroenterology

*Clinical Images**



*NOTE: *For reference purpose only*

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