



Mobile C-Arm X-ray KCX-A100

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Mobile C-Arm X-ray KCX-A100 is a compact multi-configurational x-ray imaging surgical modality. System incorporates advanced 9" image intensifier with multiple imaging tools for advanced and optimized workflow. Extended orbital rotation with dual focus larger field of view improves image quality. Pre-defined positional configurations assist greater coverage on areas typically considered out of reach.

Features:

- 10-inch high resolution screen
- Digital beam-forming technology
- Pseudo-colour imaging
- Sharp high definition imaging
- Real-time depth adjustability
- Adjustable focus control and positioning

Applications:

Used in OTs, cardiac OT, orthopedics, general surgery for fluoroscopy or real-time image-guided surgical navigation during implant placement, DSA, etc.

Specifications :

C-Arm Positioning Angles	Forward and backward movement: 200m Revolution around Horizontal axis: $\pm 180^\circ$ Revolution around Vertical axis: $\pm 15^\circ$ Orbital Rotation: $120^\circ (+90^\circ \sim -30^\circ)$
Collimator	Motorized multi-leaf collimator
Detector	9" Image Intensifier with micro-groove grid
Dimensions	2440 x 1100 x 1420 mm
Exposure Factor	1 ~ 125 mAs
Fluoroscopy Mode : Automatic	Tube voltage : 40 kV ~ 110 kV adjust automatically Tube current: 0.3 mA ~ 4 mA adjust automatically
Fluoroscopy Mode : Manual	Tube voltage 40 kV ~ 110 kV continuous Tube current: 0.3 mA~4 mA continuous
Fluoroscopy Mode : Pulsed	Tube voltage 40 kV ~ 110 kV continuous Tube current: 4.1 mA~8 mA continuous
Focus Control	Focus screen distance: 960 mm Small focus: 0.6 and Large focus: 1.5
Operation Interface	Graphic LCD touch screen along with portable hand-held controller
Plate Holder	8? x 10? / 10? x 12?
Tube Current	X-ray : 20 mA - 63 mA Fluoroscopy : 8 mA
Tube Voltage	40 kV ~ 110 kV
Video Monitoring System	Monitor : 14" High definition CRT with $\pm 135^\circ$ rotation Vidicon Tube : 0.47 MP Ultra Low-Illumination CCD
Weight	353 Kgs
X-Ray Generator	Frequency 40 kHz Power Capacity 3.5 kW
X-ray Tube Configuration	Stationary anode with dual focus
X-ray Tube Thermal Capacity	650 kJ



