

Persona C

Mobile Fluoroscopy System

System Specifications



C-Arm Specs

Ergonomics and Weight	C-Arm Unit: 280 kg (617 lb)	Open space: 81 cm
	Viewing Station: 140 kg (309 lb)	SID: 107 cm
Range of motion	Orbital rotation: +95° to -65°	Vertical travel: 450 mm
	Angular rotation: ±210°	Wig Wag: ±12°
X-Ray Tube	Model: Rotating Anode Focal Spot: 0.3 mm / 0.6 mm, anode angle 10° Anode thermal capacity: 225 kj (314 kHU) Anode continuous cooling rate: 750 W (63.000 HU/min.)	
X-Ray generator	Monoblock Max Power: 20 kW max kVp: 120 kVp max mA (pulsed fluoroscopy): 100 mA max mA (radiography mode): 200 mA FPS pulsed fluoro 1,2,3,4,6,8,12,15,25	
Exposure Modes	High quality pulsed fluoroscopy Low dose pulsed fluoroscopy Road Mapping mode Pulsed Digital Subtraction Angiography (DSA) Low dose digital radiography (direct to FPD)	
Flat Panel Detector	21x21 or 30x30cm, CsI with aSi TFT matrix Pixel pitch: 154 µm Useful area: 301 mm x 301 mm / 207 mm x 207 mm Matrix: 1956x1956 pix. / 1344 x 1344 pix. Frame rate: 25 FPS	
Image Quality	DQE: 0 lp/mm - 77% MTF: 1 lp/mm - 59% A/D conversion: 16 bits	
Anti-scatter x-ray grid	Application: User Removable Material: Aluminum Line rate: 80 Lines/cm ratio 8:1 Focal Distance: 100 cm	
Laser Localizer	Operation: Cross light on flat panel and x-ray tube side Laser diode power: <5 mW, 1 M Class Wavelength: 635 nm	
Operator control panel	Multi-Touch , Color 12,5" LCD panel	Rotation: ±135° Resolution: 1920x1080 pix

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Viewstation and Console Specs



View Station

Multi-Touch , Color LCD panel, LED backlight
Size, Resolution: Two 21.5", 1920x1080 pixel, full HD

Viewing Angle: 178°
Brightness: 600 Cd/m2
Contrast: 5000:1
Display height: 178-153 cm
Display rotation: ±180°

Core Clinical Applications

Orthopedic
Head & Column: Spine fixations, Pain management
Thorax: Pacemaker connections, Electro-Physiology
Abdomen: E.R.C.P.
Vascular peripheral
Vascular abdominal
Vascular cerebral
Cardiac

DICOM Compatibility

Dicom Modality Worklist
Dicom Store
Dicom Print
Dicom RDSR Structured Dose Report

Dicom Query/Retrieve
Dicom Media Export ,USB
Dicom Media Export, CDROM
Dicom Storage Commitment

Dimensions and Weight

Note: Dimensions are shown in mm

Weight: 140kg (309lb)

Weight: 280kg (617lb)

