



# Persona CS

Compact Mobile Fluoroscopy System

## System Specifications



### C-Arm Specs



Ergonomics and Weight	C-Arm Unit: 310 kg (683lb)	Open space: 81 cm SID: 108 cm / 106 cm
Range of motion	Orbital rotation: +95° to -65° Angular rotation: ±275°	Vertical travel: 450 mm Wig Wag: ±12°
X-Ray Tube	Model: Rotating Anode Focus: 0.3 mm / 0,6 mm Anode thermal capacity: 225 kJ (314 kHu) Anode continuous cooling rate: 750 W(63.000 Hu/min.)	
X-Ray generator	Power: 5 kW at 220 VAC, 2.8 kW at 110 VAC max kV:120 kV max mA (pulsed fluoroscopy): 50 mA max mA (radiography mode): 50 mA	
Exposure Modes	High quality pulsed or continuous fluoroscopy Low dose pulsed or continuous fluoroscopy Road Mapping mode Digital Subtraction Angiography (DSA) Low dose digital radiography (direct to FPD)	
Flat Panel Detector	Technology: CsI coupled to TFT matrix aSi Pixel pitch: 194 µm /205 µm Useful area: 294 mm x 294 mm / 205 mm x 205 mm Matrix: 1536 x 1536 pix. / 1024 x 1024 pix. Frame rate: 1 / 2 / 4 / 8 / 15 / 30 FPS	
Image Quality	DQE: 0 lp/mm - 80% MTF: 1 lp/mm - 55% 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 Option	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

### Viewstation and User Interface



Onboard Monitor	Multi-Touch Projected capacitance touch screen, Size, Resolution: 27", 4 MP, LCD TFT backlight	Viewing Angle: 178° Brightness: 350 Cd/m <sup>2</sup> Contrast: 1000:1 Display height: 186-144cm Display rotation: ±180°
Optional Wireless Viewstation	Monitor: 24", Medical Grade Full HD Lithium Ion Battery with Supplementary wired power NDS ZeroWire G2 Wifi Transmitter and receiver Operating Range: Ø10 m Weight: 8 kg	
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	
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 MPPS Dicom Storage Commitment

### Dimensions and Weight

