

# Persona CS

Compact Mobile Fluoroscopy System

## PRODUCT SPECIFICATIONS



### C-Arm Specs



Ergonomics and Weight	C-Arm Unit: 310kg (683lb)	Open space: 81cm SID: 108cm / 106cm
Range of motion	Orbital rotation: +95° to -65° Angular rotation: ±275°	Vertical travel: 450mm Wig Wag: ±12°
X-Ray Tube	Model: Rotating Anode Focus: 0,3mm / 0,6mm Anode thermal capacity: 225kj (314 kHU) Anode continuous cooling rate: 750 W (63.000HU/min.)	
X-Ray generator	Power: 5kW max kV: 120kV max mA (pulsed fluoroscopy): 50mA max mA (radiography mode): 50mA	
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: 294mmx 294mm / 205mm x 205mm Matrix: 1536x1536 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: 100cm	
Laser Localizer Option	Operation: Cross light on flat panel and x-ray tube side Laser diode power: < 5mW, 1 M Class Wavelength: 635nm	
Operator control panel	Multi-Touch , Color 12,5" LCD panel	Rotation: ±135° Resolution: 1920x1080 pix

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## Viewstation and User Interface



Onboard Monitor	Multi-Touch Projected capacitance touch screen, Size, Resolution: 27", 4MP, LCD TFT backlight	Viewing Angle: 178° Brightness: 350Cd/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: Ø10m Weight: 8kg	
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

