

# Persona C

Mobile Fluoroscopy System

## PRODUCT SPECIFICATIONS



### C-Arm Specs



Ergonomics and Weight	C-Arm Unit: 280kg (617lb) Viewing Station: 140kg (309lb)	Open space: 81cm SID: 107cm
Range of motion	Orbital rotation: +95° to -65° Angular rotation: ±210°	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: 20kW max kV: 100kV max mA (pulsed fluoroscopy): 100mA max mA (radiography mode): 200mA	
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	Technology: CsI coupled to TFT matrix aSi Pixel pitch: 154 µm Useful area: 301mm x 301mm / 207mm x 207mm 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: 100cm	
Laser Localizer	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

## 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: 600Cd/m <sup>2</sup> Contrast: 5000:1 Display height: 178-153cm 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

