



# 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, Csl 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

# Persona C

Mobile Fluoroscopy System

## System Specifications

### 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/m<sup>2</sup>  
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)

