



PortaVision Medical

Innovative imaging products that exceed expectations



VIRTUAL C™ - Handheld REVOLUTIONIZING MOBILE DYNAMIC IMAGING

Finally a True Mobile Fluoroscopy System

Virtual C-Handheld takes fluoroscopy where it has never been before and delivers agile, ultramodern fluoroscopic imaging technology to reduce or eliminate the need to transport patients to a fluoroscopy system. Virtual C systems are intended for quick and easy transport to the patient's location rather than the patient transported to the fluoro location. Virtual C provides onsite fluoroscopy imaging at any location a mobile radiographic system can be used.

- Point of Care Mobile Fluoroscopy-We go where a C-Arm cannot go
- FDA cleared for CPT code billing of a traditional C-Arm
- Innovative software and hardware allow for Radiation dose reduction -70% less
- Enhanced image quality - save LIH or dynamic loop with real time processing
- Continuous real time fluoro, rates from 1-15 fps
- Easily transportable from site to site or room to room, just fold it up and GO !
- The Possibilities are Endless !!!

Specifications

X-Ray Source and Collimator Specifications

Characteristic	Data
<i>Input Power</i>	100~240VAC, 50/60Hz, 15 Amp
<i>KVP Range</i>	50 – 100 kVp
<i>mA Range</i>	3 – 20mA (50kVp ~ 80kVp 20mA) (91kVp ~100kVp 10mA)
<i>Max Exposure Time</i>	4 secs
<i>Anode Heat Storage</i>	14kJ
<i>Target Angle</i>	16 degrees
<i>Focal Spot</i>	1.0 mm
<i>Inherent Filtration</i>	0.5mmAl Eq. @ 100kVp
<i>APR Memory Setting</i>	5 APRs
<i>Collimator Type</i>	Manual, Double-Slit
<i>Lamp/Lux</i>	LED/over 160Lux
<i>Lamp Timer</i>	30/60/90/120sec selectable
<i>Inherent Filtration</i>	0.5mmAl Eq. @ 100kVp
<i>Pointing Device</i>	Dual Laser Pointer
<i>Weight</i>	25 lbs

Flat Panel Detector Specification

Model	EVS 2430	EVS 3643	EVS 4343	Amorphous Silicon Direct deposition Csl:TI
<i>Scintillator</i>	Csl:TI	Csl:TI	Csl:TI	
<i>Active Area</i>	233.5 x 291.8 mm	358 x 430 mm	430 x 430 mm	
<i>Pixel Matrix</i>	3072 x 3840	2560 x 3072	3072 x 3072	
<i>Pixel Pitch</i>	76 µm	140 µm	140 µm	
<i>AD Conversion</i>	16 bits	16 bits	16 bits	
<i>Acquisition</i>	1 - 15 fps	1 – 15 fps	1 – 15 fps	
<i>Connection</i>	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	
<i>DICOM</i>	Yes	Yes	Yes	
<i>Dimension</i>	268x327x16 mm	386x460x15mm	460x460x15mm	
<i>Weight</i>	1.85 kg	2.98 kg	3.5 kg	