

aspenstate

aspen *XDR*

Straight Arm Digital Radiography System

Aspenstate's Straight Arm DR is a complete universal system that offers an advanced digital x-ray solution in a design that is compact and efficient.

Aspen XDR features a 17 x 17 detector for superior image quality and allows for all imaging views that are required in radiology with maximum patient safety & flexibility.

The Aspen XDR maximizes every square foot of space in a small environment so as to allow the staff more room to maneuver.



Owing to its compact design, the AspenXDR is a low-cost radiography system which is space efficient and requires a short installation time.

The system is composed of a floor-to-wall column and a rotatable arm with variable height center

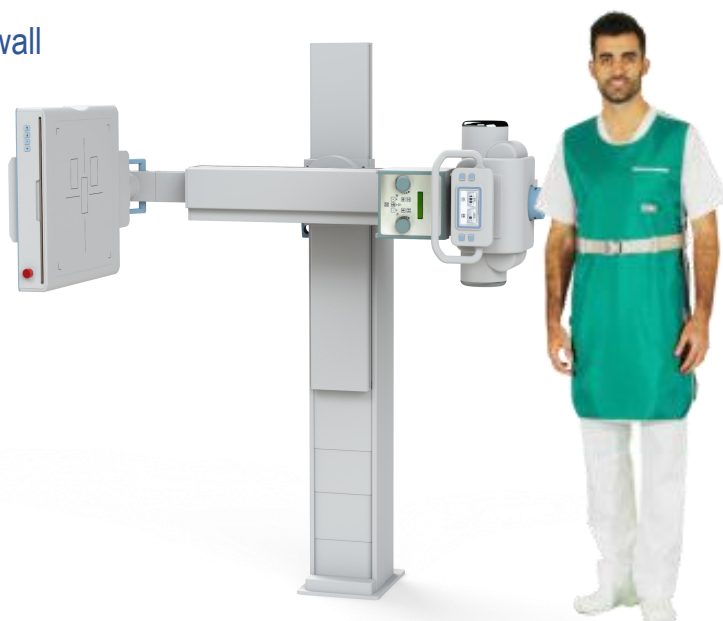
It is easy to operate and allows radiographic procedures to be completed in a quick and safe manner.

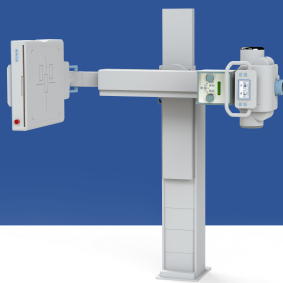
It allows exposures of patients in a standing, sitting or laying position.



Limited space?

Think STRAIGHT





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Specification

X-ray & Mechanical	
Motorized Movement	1) Source to Image Distance (SID) control 2) Arm elevating movement at vertical
Source to Image	100~180cm / 40~72 Inch (Continuously Adjustable)
Vertical Travel	Max. 120cm / 47.2 Inch
Arm Rotation Angle	-30° ~120°
Tube Rotation	±90°
Detector Rotation	±45°
Power Requirement	120VAC or 200-240VAC, 50/60Hz, 1000VA
Options	Manual Control and motorized with touchable display / Bucky enclosure
Type	Class I

Detector	
Sensor Type	a-Si with PIN diode
Scintillator	Gadox / Cs:TI
Dimension	460 x 460 x 15 mm (ISO 4090 cassette size)
Weight	Approx. 5kg
Active Pixel Area	430.08 x 430.08
Pixel Resolution	3072 x 3072
Pixel Pitch	140 μm
AD Converter	16 bits
Maximum Dose	80 μGy
X-ray Generator Interface	Trigger Mode / Smart AED Mode
Image Preview Time	Less than 3 sec.
Image Cycle	10 sec.
Interface	Gigabit Ethernet (1000BASE-T)
X-ray Voltage Range	40 - 150 kVp
Operation Environment	15° ~ 35°C, 30 ~ 85% RH (non-condensing)
Power	DC 12V, 2.5A
Component	Control Box



- Large active area
- High resolution image quality
- Smart Exposure Detection (SED)
- Increased strength, reduced weight & slim design
- High value at a low investment

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