

MeV^X Series

High Energy X-ray Systems



2D Digital Radiography & 3D Computed Tomography

9MeV

Max X-ray Energy

3000lb

[1360kg] Max Capacity

25.8ft

[7.87m] Max Focal Distance

Image Is Everything

The most advanced DR & CT systems in the world are now available with Linear Accelerators. Offered with energies up to 9MeV, the MeVX series of systems provide the same ease of use as our low energy systems in a high energy format. Utilizing our current efX software platform along with the superior service, support & training that we are known for puts these systems in a class of their own.

System Capabilities

DICONDE	Compliant
Process Controls	Integrated
Sync	Integrated
Advanced Imaging Modalities	mosaiX/subpiX/vorteX
efX Software Suite	Integrated
Motion Control	Integrated

X-Ray Source

Energy Selection	3/6/9MeV
Minimum Focal Spot Size	>1mm ²
Output [Dose]	3-30 Gy/min

X-Ray Detector

Detector Types	Flat Panel [DDA] Linear Diode Array [LDA]
Pixel Pitch	100-400µm
Maximum DDA Size	16.8 x 16.8 in [42.7 x 42.7cm]
Maximum LDA Length	35.9in [91.2cm]

CT Scanning Envelope

	Max Diameter	Max Height
DDA	48in [122cm]	70in [178cm]
LDA	48 in [122cm]	55in [139.7cm]

- Notes:
1. Exact specifications vary depending on tube, detector, and other optional configurations
 2. Select Sources
 3. Focal distance may be reduced by up to 100in [254cm] by manipulator placement
 4. Does not include source weight

Manipulator

Maximum Sample Weight	3000lb [1360kg] standard	
Part Travel		
	Horizontal	48in [122cm]
	Vertical	48in [122cm]
	Source to Detector	132in [335cm]
	Rotation	360° Continuous
Focal Distance		
	Minimum	178in [452cm] ³
	Maximum	310in [787cm]

Dimensions

Length	380in [965cm]
Depth	110in [279cm]
Height	135in [343cm]
Weight	13,500lb [6124 kg]

