

The New Wave of Medical Imaging

Low Dose Imaging

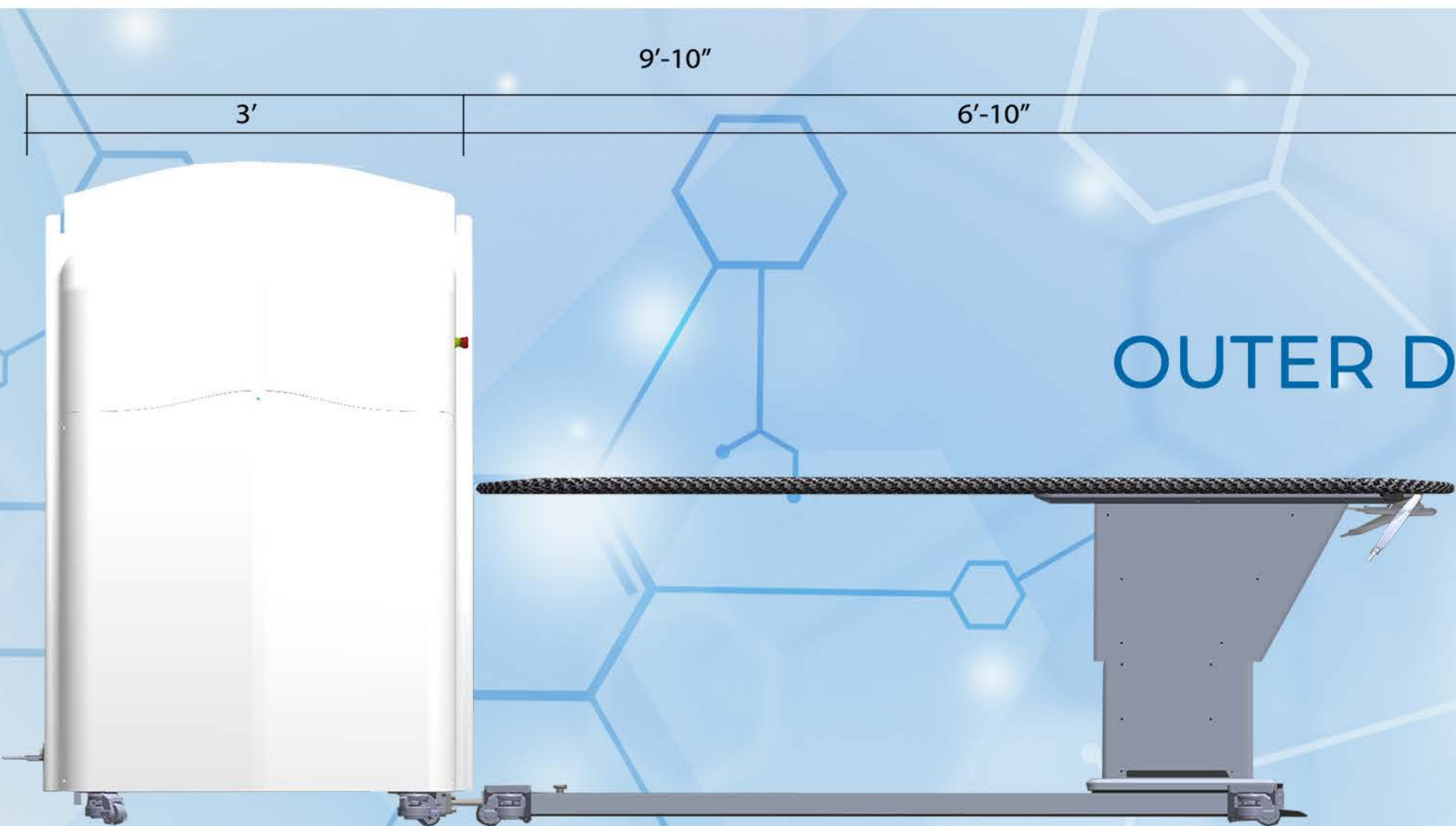
20 Second Acquisition

2-5 Minute
Reconstruction



Acquire, reconstruct, and transfer high quality images at lightning speed. The **Claris XT** captures diagnostic studies with ultra large 17" by 17" detectors while providing the functionality of a traditional x-ray room. With its cesium sensor technology, studies for abdominal, chest, cranial, and orthopedic applications are available through one streamlined workflow. The **Claris XT** is a cost-efficient, all-in-one, Cone Beam CT machine that addresses emergency care, surgical planning, and general imaging needs.

CLARIS XT SPECIFICATIONS



OUTER DIMENSIONS



Software	XC 2.0 acquisition workstation with export capabilities to PACS and multiple viewing softwares. DICOM compatible.
Power Required	115 or 230 V single phase power 50 / 60 Hz No special hookup required
Acquisition Technique	Single X-Ray images multiple exposures. Sparse sample methods used to reduce patient dose.
X-Ray Source	High frequency, constant potential (DC), rotating anode Tube Power: 18 kW Max. Exposure Time 100 ms
Detector Type	aSi TFT, w/ CsI:TI scintillator
Weight Capacity	< 350 lb (160kg)
Patient Exam Table	Options include: Vertical and Horizontal Movement

Total Weight	800lbs (363kg) with Patient Exam Table	
Dimensions	Width	62" (158cm)
	Depth (Max)	117" (297cm) with Patient Exam Table
	Height	63" (162cm)
	Bore	28" (71cm) or 31" (79cm)
Scan Time Tomosynthesis	22 sec / 45 sec 180 images / 360 images	
Image Detector	17" x 17" amorphous SiTFT w/ CSL TL 140 µm pixel pitch	
Possible Image Resolutions	3072 x 3072 1536 x 1536	X-ray 140 µm
Grey Scale	16 bit (65,536 gray levels)	
Voxel Size	≥ 85 µm	
Patient Position	Supine	