CLARIS V

The Next Dimension of 3D Imaging

140 | Pixel Pitch	430 x 430mm Sensor	16 Bit

Low Dose Imaging Solution | **Cesium** Sensor | **XC** Acquisition & Reconstruction

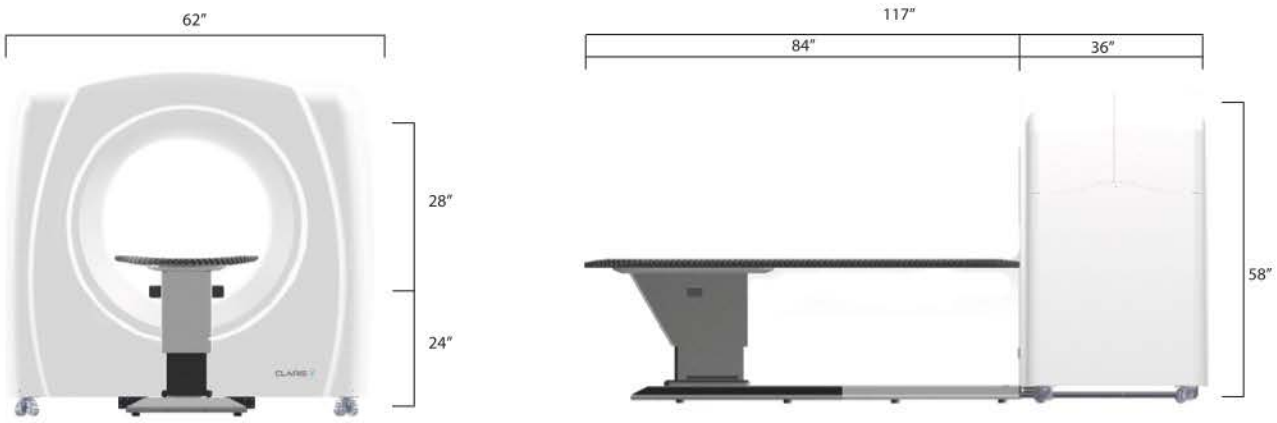
The **Claris** V captures diagnostic studies with ultra large 17" by 17" detectors while providing the functionality of a traditional x-ray room. With its cesium sensor technology, studies for abdominal, chest, cranial, dental, and orthopedic applications are available through one streamlined workflow. The **Claris V** captures high detailed chest information as well as studies expected from a traditional x-ray room The **Claris V's** low dose tomosynthesis modality provides low dose studies and high patient throughput. The **Claris V** simplifies workflow minimizing cost and shorter treatment time. The result for the **Claris V** is a streamlined, all-in-one cone beam CT machine that addresses emergency care, surgical planning and general imaging needs.

iCRco | Image Capture Review

CLARIS V

Sparse Sample Cone Beam CT Solution

CLARIS V DIMENSIONS



CLARIS V SPECIFICATIONS

X-ray Source	High frequency, constant potential (DC), rotating anode Tube Power: 5kW (e.g. 100kV, 50mA) Max. Tube Voltage: 120 kV Max. Tube Current: 100 mA Focal Spot Size: 300 µm / 600 µm		
Acquisition Technique	Single X-ray images multiple exposures. Built in AEC for dose control. Sparse sample methods used to reduce patient dose.		
Scan Time Tomosynthesis	150 seconds; 360 images		
Image Detector	17x17″ amorphous SiTFT w/ CSL TL 140 µm pixel pitch		
Possible Single Image Resolution	3072x3072 1536x1536 1024x1024		
Grey Scale	16 bit (65,536 gray levels)		
Voxel Size	≥ 85 µm		
Patient Position	Supine		Motorized Table
Reconstruction	< 3 minutes		
Weight and Dimensions	Scan Unit	Width	60″
		Depth (max)	116″ (with patient bed)
		Height	60″
		Total Weight	500 lb (with patient bed)
		Bore	28″
Software	XT-CBCT acquisition workstation with export capabilities to PACs and multiple viewing software. DICOM Compatible		
Power Required	220V single phase power Input Voltage: 6 kVA		

Specification subject to change without prior notice.
This product is manufactured and developed in Goleta, USA.