

# Claris CBCT™

Advanced In-Office Cone Beam 3D Imaging

Professional CBCT with Low-Dose SafeBeam™ Technology

In-Office 3D Imaging for Faster Diagnosis and Treatment

Visualize hard and soft tissues at .075mm



The **Claris CBCT™** represents an innovation in the field of imaging with a flat-panel based Cone Beam CT scanner. It features the best spatial resolution — .075mm, improved signal to noise ratio, short scan times and greater accuracy. In addition to the superior imaging chain, it offers tremendous flexibility with 7 selectable FOV's each with 4 resolution protocols.

**In-Office Point-of-Care Imaging** The *Claris CBCT* transforms your office into a full service practice complete with in-office imaging suite. Offices can streamline office workflow, control the timing and quality of scans while keeping scanning revenue in your office.

**Modality Expansion and Increased Revenue** The *Claris CBCT* is an economically sound, advanced imaging solution, which can generate new market referrals. *Claris CBCT* simplifies scheduling and prolongs the life of your existing CT, saving on costly maintenance.

Supine positioning maximizes stability, minimizes movement

Flexible Scanning Modes – 7 FOV's

Up to 480 images captured in single 18 sec scan

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## Beyond Patient Convenience

SafeBeam™ Technology analyzes the patient and customizes exposure, truly adhering to the ALARA principal. The supine positioning adds stability and comfort to minimize movement and eliminate costly retakes. With an in-office *Claris CBCT* patients can realize benefits beyond scheduling and shorter treatment time.

## Scan Unit

Acquisition Technique	Single Scan and Cone Beam Acquisition		
Scan parameters	Standard Modality:		
	Time / X-Ray Emission	18 s / 3,6 - 5,4 s	
	360 degree rotation		
Patient Positioning	Sitting / Supine	Motorized Patient Chair + laser	
Weights and Dimensions	Scan Unit	Width	175 cm
		Depth (max)	230 cm (with patient's chair)
		Height	178 cm
		Gantry	58 cm
		Total Weight	530 Kg (with patient's chair)

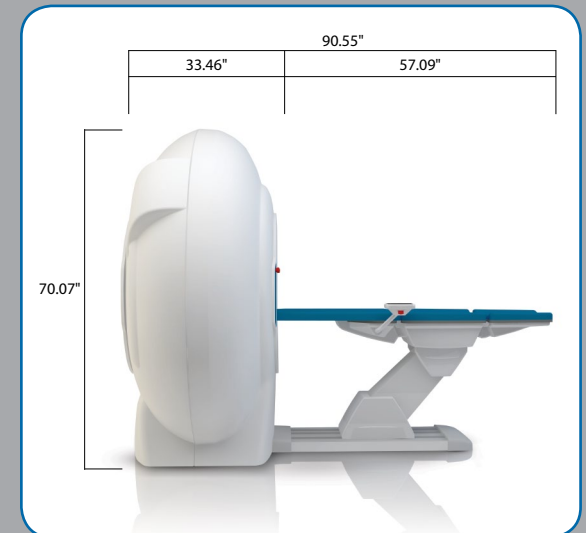
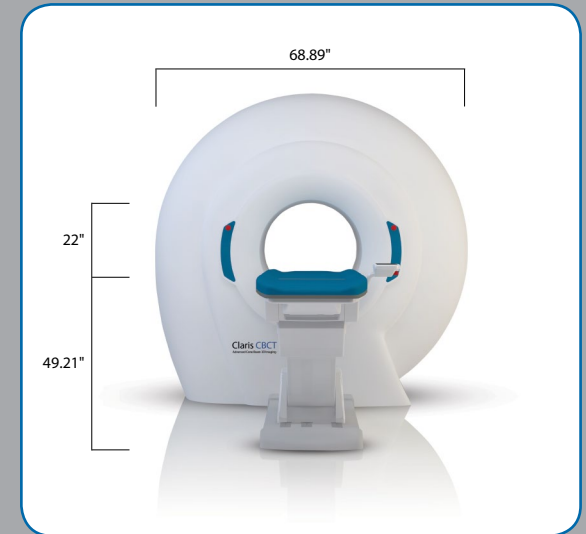
Multiples Scan Modes	FOV sizes (cm)		Voxel size options (µm)						
	Diameter	Height	300	250	200	150	125	100	75
Standard scan	<b>18</b>	<b>16</b>	•	•	•	•			
	15	12	•	•	•	•			
	12	8	•	•	•	•			
Boosted scan	8	8	•	•	•	•	•	•	•
	12	8				•	•	•	•
HiRes scan	8	8				•	•	•	•
	6	6				•	•	•	•

All above mentioned modes and volumes can be acquired as "Enhanced Scan", obtaining 480 images instead of 360, with a single 360° rotation.



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Optional motorized reclining patient chair