

# ClarisCBCT™

Advanced Cone Beam 3D Imaging

Designed for Patient Comfort  
Low Radiation CBCT Technology  
Explore New Clinical Applications



The Claris CBCT™ represents an innovation and revolution in the field of advanced imaging with cone beam computed tomography. The innovative pass-through gantry design lets practitioners explore new clinical applications. You have a choice of two options - a motorized patient chair or automatic table. The supine position of the patient during acquisition adds comfort, while the reduced scan time minimizes patient exposure for a safe, low-dose study.

The Claris CBCT features the best spatial resolution, improved signal-to-noise ratio, uniformity accuracy, and dynamic range 14-bit gray scale. In addition to the superior image quality of the Claris CBCT, it also offers tremendous flexibility with different acquisition modalities – 11 different scanning possibilities using 7 different FOVs.

Open gantry for new clinical applications and patient comfort

Small footprint with short scan time

Seven selectable and large volume FOVs

[www.iCRcompany.com](http://www.iCRcompany.com)



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## 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				
Standard scan	<b>18</b>	<b>16</b>	300	250	200	150
	15	12	300	250	200	150
	12	8	300	250	200	150
Boosted scan	8	8	300	125	200	150
	12	8	150	125	100	75
HiRes scan	8	8	150	125	100	75
	6	6	150	125	100	75

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

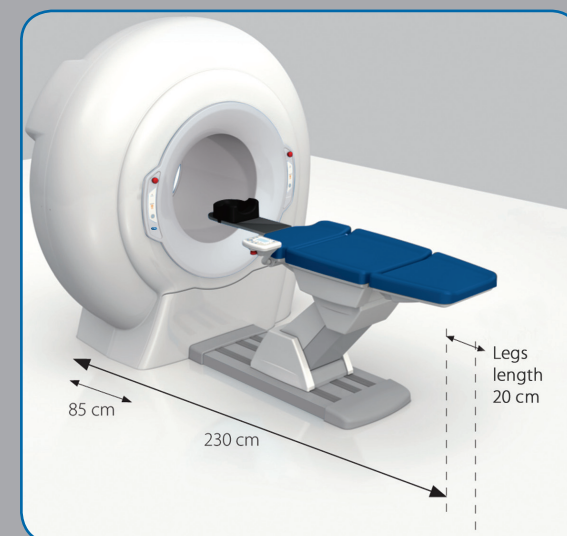
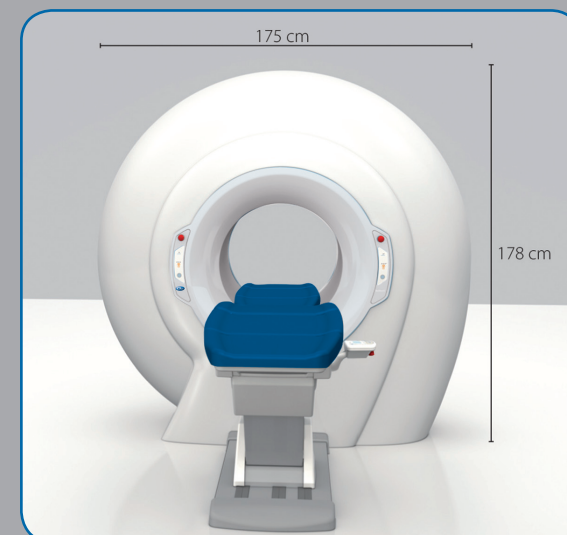
## Patient's Table

Weights and Dimensions	Width	150 cm
	Depth	70 cm
	Height	125 cm
	Weight	120 Kg

Specifications subject to change without prior notice.

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Optional motorized reclining patient chair

