

# SPECIFICATIONS

## 3D

X-ray source	High frequency, rotating anode: 110 kV; 1-20 mA (pulsed mode)					
Focal spot	0,3 mm					
Acquisition technique	Single scan and Cone Beam acquisition SafeBeam™ control reduces radiation based on patient size					
Effective dose	99 µSv Full FOV (ICRP 2007, estimate for adult)					
Scan time	18s ÷ 26s					
X-ray emission time	3,6s ÷ 5,4s					
Image acquisition	360 images - 360 degree rotation					
Image detector	Amorphous silicon flat panel, 20 cm x 25 cm Field of View (7.87 in x 9.84 in)					
Signal grey scale	14-bit scanning, 16-bit reconstruction					
Multiples scan modes	FOV sizes D x H			Voxel size options (µm)		
	Centimeters	Inches				
Standard Scan	<b>15 x 15</b>	<b>5.90 x 5.90</b>	<b>300</b>	<b>250</b>	<b>200</b>	<b>150</b>
Boosted Scan	15 x 12	5.90 x 4.72	300	250	200	150
	12 x 8	4.72 x 3.14	300	250	200	150
	8 x 8	3.14 x 3.14	300	250	200	150
HiRes Scan	<b>12 x 8</b>	<b>4.72 x 3.14</b>	<b>150</b>	<b>125</b>	<b>100</b>	<b>75</b>
	8 x 8	3.14 x 3.14	150	125	100	75
	6 x 6	2.36 x 2.36	150	125	100	75
Patient positioning	Standing or seated and wheelchair accessible					
Reconstruction time	Approximately 1 minute					
Weight	Scanner unit 272 kg (600 lb), Control box 100 kg (220 lb)					
Software	NNT™ with free Viewer and sharing application					
Power required	10A @ 100/115V~, 5A @ 200/215/230/240V~, 50/60Hz					

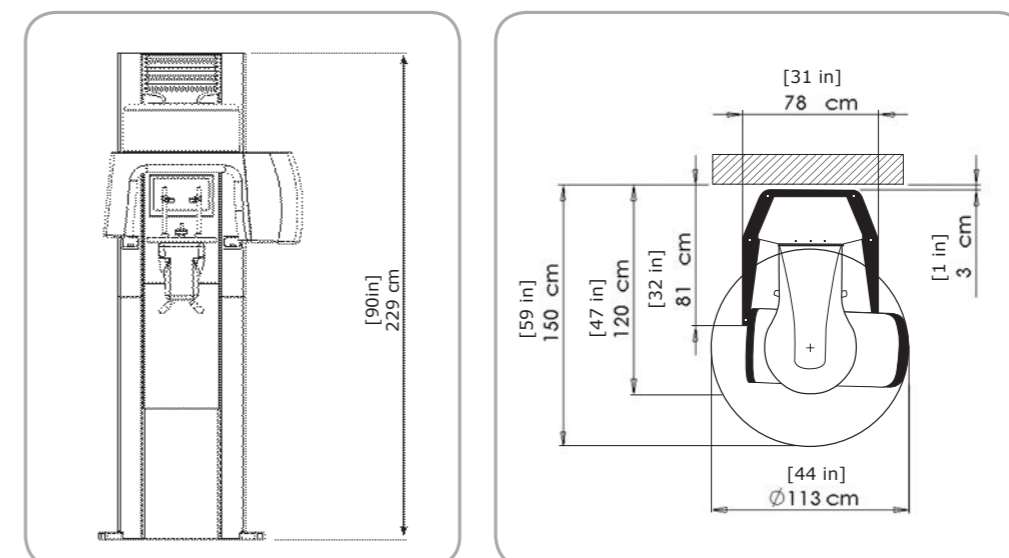
Specifications subject to change without prior notice.

## NewTom Today's standard of care

- > Free Viewer and Sharing Application
- > Full DICOM 3.0 Compliant
- > Improved Software Integration
- > Small Footprint



Dimensions in centimeters (dimensions in inches)



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