

Cone Beam 3D Imaging  
**NewTom**  
what's next



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06/2018 NVGEB181500  
According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information. Pictures are for illustration purpose only.

# NewTom VGi evo EXPANDED.VISION

EVOLVED 3D IMAGING



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# TECHNICAL SPECIFICATIONS.

X-ray source	High frequency generator, rotating-anode X-ray tube; 75-110 kV, 1-32 mA (pulsed mode)					
Focal spot	0.3 mm					
Exposure Control	SafeBeam™ to reduce exposure according to patient build					
Sensor	Amorphous silicon flat panel					
Grey scale	16-bit					
3D scan time	15 - 25s					
3D emission time	0.9s - 6s					
3D image acquisition	Single scan with Cone Beam technology. 360° rotation					
Available FOV Diameter x Height	Resolution		Selectable 3D scan modes			
	Standard	HiRes	Eco	Regular	Boosted	Enhanced
24 x 19 cm	■		■	■	■	■
16 x 16 cm	■		■	■	■	■
15 x 12 cm	■		■	■	■	■
15 x 5 cm	■	■	■	■	■	■
12 x 8 cm	■	■	■	■	■	■
10 x 10 cm	■	■	■	■	■	■
10 x 5 cm	■	■	■	■	■	■
8 x 8 cm	■	■	■	■	■	■
8 x 5 cm	■	■	■	■	■	■
5 x 5 cm	■	■	■	■	■	■
Selectable voxel size Standard	200 - 300 µm					
Selectable voxel size HiRes	100 - 150 µm					
Reconstruction time	Less than 1 minute					
Image acquisition Sharp 2D	Panoramic and LL, AP and PA teleradiographic images from a single scan. Exposure 2.4s 75 kV					
CineX image acquisition	1-36s Serial Radiography, field of view 17x19 cm (HxW)					
Patient positioning	Standing, sitting or in wheelchair					
Weight	Scan unit 377 kg, control box 95 kg					
Software	NewTom NNT with Viewer software, free					
DICOM nodes	IHE compliant (Print; Storage Commitment; WorkList MPPS; Query Retrieve)					
Power supply	15A @ 100/115V~, 12.5A @ 200V~, 10A @ 220/230/240V~, 50/60Hz					

