

SPECIFICATIONS

	3D	2D														
X-ray source	High Frequency, Stationary Anode: 60-90 kV; 1-10 mA (pulsed mode) 0.5 mm focal spot	High Frequency, Stationary Anode: 60-90 kV; 1-10 mA 0.5 mm focal spot dimension, IEC 60336-1993														
Detector	Flat Panel Amorphous Silicon	CCD (Charge Coupled Device), Detector Resolution (lp/mm): 10,4 Image Resolution (lp/mm): more than 5 Detector height (mm) for Pan:146 Detector height (mm) for Ceph: 220														
Acquisition technique	Single scan and Cone Beam acquisition SafeBeam™ Control reduces radiation based on patient size	Panoramic and Teleradiographic														
X-ray emission time	3.6 s to 9.0 s	Adult Panoramic HD: 13s Child Dentition: 7.5s Child Ceph, Lateral: 3.4s														
Scan time	Min: 18 s															
Reconstruction time	Minimum render time: 15s	Instantaneous														
Signal grey scale	Dynamic range 16-bit	Dynamic range 14-bit														
Effective dose	ICRP 103 (μSv): CB3D 11x8, Std Res 33.5 CB3D 11x8, High Res 78.6	ICRP 103 (μSv): Panoramic 6.7 Dentition only 4.3 Ceph Lateral, Reduced 1.0														
Multiples CBCT Scan modes	Voxel Size Options (μm): Minimum slice thickness 75 micron															
	FOV Sizes D x H	<table border="1"> <thead> <tr> <th>cm</th> <th>11 x 13</th> <th>11 x 8</th> <th>11 x 5</th> <th>8 x 8</th> <th>8 x 5</th> <th>5 x 5</th> </tr> </thead> <tbody> <tr> <td>in</td> <td>4.33 x 5.12</td> <td>4.33 x 3.15</td> <td>4.33 x 1.97</td> <td>3.15 x 3.15</td> <td>3.15 x 1.97</td> <td>1.97 x 1.97</td> </tr> </tbody> </table>	cm	11 x 13	11 x 8	11 x 5	8 x 8	8 x 5	5 x 5	in	4.33 x 5.12	4.33 x 3.15	4.33 x 1.97	3.15 x 3.15	3.15 x 1.97	1.97 x 1.97
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Patient positioning	Standing or seated. Wheelchair accessible															
Weight and dimensions	Height: min 1650 mm (65 in) - max 2410 mm (95 in) Width: 1340 mm (52.8 in), width with Ceph: 1830 mm (72 in) Depth: 1430 mm (56 in), depth with bracket for wall fixing 1520 mm (59.8 in) Total weight: 170 Kg (375 lbs), with teleradiographic arm 190 Kg (419 lbs)															
Software	NNT™ with free viewer and sharing application															
Power required	15A @ 115 V~, 10A @ 240 V~, 50/60 Hz															

Specifications subject to change without prior notice.

NewTom Today's standard of care

- > Improved Software Integration
- > Accelerated 3D Engine
- > Full DICOM 3.0 Compliant
- > Small Footprint



Dimensions in millimeters (dimensions in inches)

