

Cone Beam Comparison



Manufacturer	Machine name	Gray scale	Footprint (in inches unless noted otherwise)	Image detector	Patient Positioning
1. AFP Imaging/ NewTom	NewTom 3G	12 Bit	65 x 75 x 99	Image Intensifier CCD Camera	Supine
2. AFP Imaging/ NewTom	NewTom VGi	14 Bit	Contact company	Amorphous Silicon Flat Panel	Standing/sitting/ wheelchair
3. E-Woo	Picasso Trio	Contact company	45.4 x 79.4 x 90.1	Csl Coated CMOS Flat Panel	Standing
4. E-Woo	Picasso Master	14 Bit	51.2 x 57.5 x 75.7	Flat Panel Dectector	Seated
5. Gendex	Gendex GXCB 500	14 Bit	70.8 x 48 x 46	Amorphous Silicon Flat Panel	Seated
6. Imaging Sciences International	Next generation i-CAT	14 Bit	1.2m x 1.16m	Amorphous Silicon Flat Panel	Seated
7. J. Morita	3D Accuitomo 80	13 Bit	63 3/4 x 47 1/4 x 81 1/4	CMOS Flat Panel	Seated
8. J. Morita	Veraviewepocs 3D	13 Bit	40 1/4 x 52 1/4 x 92 1/4 W/O Ceph 78 1/4 x 52 1/4 x 92 1/4 With Ceph	CMOS Flat Panel	Standing
9. Kodak Dental Systems	Kodak 9500 Large FOV/Med FOV	14 Bit	67.9 x 64.4	Amorphous Silicon Flat Panel	Standing
10. Imtec, a 3M Company	Iluma	14 Bit	85 x 42 x 54	Amorphous Silicon Flat Panel	Seated
11. MyRay	SkyView	4096 (12 bit)	58 W x 104 L	Image Intensifier	Supine
12. Planmeca	Promax CBVT 3D	12/15 Bit	Panoramic: 96 x 61 x 64 Pan/Ceph: 96 x 85 x 64	CMOS Flat Panel	Standing/sitting
13. PreXion, Inc.	PreXion 3D	12 Bit	76 x 62 x 46	Csl Flat Panel	Seated
14. Sirona	Galileos	Contact company	79 x 63 x 63	Contact company	Standing/sitting
15. Suni Medical Imaging	Suni 3D Cone Beam	16 Bit	91.4 x 44.5 x 75.6	Contact company	Standing/sitting/ wheelchair

Information on CBCT scanners from the following companies was not available at press time. Please contact company for availability in your country. Asahi Roentgen Soredex (www.soredex.com) and Xoran Technologies (www.xorantech.com).



Scan time

Scan height

Scan diameter

Cephalometrics

Pre-installed software

Web site

36 seconds or less	Contact company	10, 15, 20 cm	Contact company	NNT proprietary software	www.afpimaging.com
18 seconds	7.5, 15 cm	12, 15 cm	Contact company	NNT proprietary software	www.afpimaging.com
15 seconds	12 cm	Contact company	Yes	Contact company	www.ewoousa.com
15, 24 seconds	16, 20 cm	Contact company	No	Contact company	www.ewoousa.com
8.9, 23 seconds	8 cm	8, 14 cm	Contact company	i-CATVision	www.gendex.com
5, 8.9 or 26 seconds	4, 6, 8, 10, 13 cm	16 cm	17 cm height/ 23 cm diameter	i-CATVision	www.i-cat.com
18 seconds/360 degrees, 9 seconds/180 degrees	40, 60 or 80 mm	40, 60 or 80 mm	No	i-Dixel. Also compatible with major 3D software	www.jmoritusa.com
9.4 seconds	40, 80 mm	40, 80 mm	Yes (True pano – not a reconstruction)	i-Dixel. Also compatible with major 3D software	www.jmoritusa.com
24 seconds	Large FOV: 18 cm Med FOV: 9 cm	Large FOV: 20 cm Med FOV: 15 cm	N/A	Kodak Dental Imaging 3D Module	www.kodakdental.com
7.8, 20, 40 seconds	Contact company	Contact company	Contact company	Iluma Vision	www.imtec.com
15 seconds	15 cm	15 cm	Yes	Proprietary	www.myrayamerica.com
16-18 seconds	50 mm, 80 mm	40 mm, 80 mm	With digital ceph attachment, no 3D	Planmeca proprietary	www.planmecausa.com
19, 37 seconds	3 inches	3.2 inches	No	Contact company	www.prexion.com
14 seconds	6 inches	15 x 15 x 15 cm ³	Contact company	Contact company	www.sirona.com
8.3 seconds	50 mm	Contact company	Yes	Contact company	www.suni.com

(www.asahi-xray.co.jp/global), Belmont Equipment (www.belmontequip.com), Hitachi Medical (www.hitachi.com), KaVo Dental Japan (www.kavo.co.jp),

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