

# COMPARISON CHART

**PLANMECA**

	<b>PLANMECA Proline XC</b>	<b>GENDEX Orthoralix 9200</b>
<b>Imaging programs</b>		
Standard programs	3	11
Paediatric mode/program	Yes	One of the std. programs
Vertical exposure segmenting	5	2, one of the std. programs
Program combinations	543	11
Optional Cephalostat programs	Yes	Yes
<b>Positioning</b>		
Patient facing	Towards operator	Towards wall
Motorised patient positioning	Yes	No
Patient positioning lights	3 laser beams	3 light beams
Wheelchair access	Yes	No
Bite stick with chin support	Yes	Bite stick only
Soft tissue filter positioning	Motorised (film) Software filtering (digital)	Manual
<b>Imaging</b>		
Film /Digital	Yes / Yes	Yes / Yes
Adjustable jaw shape and size	9 combinations	No
Exposure time	2.5 - 18 s, panoramic 0.2 - 5 s, cephalostat 17 - 25 s, digital ceph	12 s, pan 0,16 - 3,2 s, ceph
Magnification	1.2 constant, pan 1.08 - 1.13, ceph 1.13 digital ceph	0,97- 1.26 pan 1,1 ceph
Anterior layer width	10 mm	7 mm
Compensation of Vertebrae	Yes, reduced speed	No
Compensation of redundant shadows	Yes	No
Automatic Exposure Control	Yes	Yes
AGC (Automatic Gain Control) in digital sensor	Yes	No
Panoramic film size	15 x 30 cm	15 x 30 cm
Panoramic image size in digital	14 x 28 cm 4328 kB uncompressed tiff	14.7 x 26.2 cm (1536X2725 pixel)
Cephalostat film size	18 x 24 cm, 8 x 10 in	8" x 10"
Cephalostat image size in digital	18 x 13 cm, 27 x 23 cm 4670 kB, 6890 kB, uncompressed tiff	22 x 24 cm (2304X2529 pixel)
Sensor pixel size	33 µm	48 µm
Image pixel size	66/99/132 µm	96 µm
Ear post material	Carbon fibre	Plastics
Automatic collimation	Yes	No
<b>Accessories</b>		
Optional film marking system	Autoprint and Admark	Not available
<b>Technical</b>		
Generator	Constant potential, microprocessor controlled, operating frequency 80 kHz	High frequency DC
X-ray tube	Toshiba D-052SB	?
Focal spot size	0.5 mm, IEC 336	0,5 mm, IEC 336
Total filtration	2,5 mm AL	?
Anode voltage	60 - 80 kV, 11 steps	60 - 80 kV
Maximum ripple	± 1 kV	± 4 kV
Anode current	4 - 12 mA	3 - 15 mA
Line voltage	100/117/220 - 230/240 V, ±10%, 50/60 Hz	115-250 V, 48 - 62 Hz
Fusing	8 A	10 A / 15 A
Power uptake	max. 1,84 kW	2,2 kW
Weight	108 kg, pan 126 kg, ceph	186 kg, pan 212 kg, ceph
Space requirements Width - Height - Depth	153 - 220 - 103 cm, pan 223 - 220 - 103 cm, ceph	115 - 228 - 125 cm, pan 200 - 228 - 125 cm, ceph
Aluminium body construction	Yes	No
Exposure memory	Yes, 25	No
Self diagnosis system	Yes	No
Exposure counter	Yes	No
Automatic cooling period	Yes	No