

# COMPARISON CHART

**PLANMECA**

	<b>PLANMECA Proline XC</b>	<b>Soredex Cranex D</b>
<b>Imaging programs</b>		
Standard programs	3	5
Paediatric mode/program	Yes	1 of the std. programs
Vertical exposure segmenting	5	5
Program combinations	543	?
Optional Cephalostat programs	Yes	Yes
<b>Positioning</b>		
Patient facing	Towards operator	Towards wall
Motorised patient positioning	Yes	Yes
Patient positioning lights	3 laser beams	3 lights
Wheelchair access	Yes	No
Bite stick with chin support	Yes	Yes
Soft tissue filter positioning	Motorised (film) Software filtering (digital)	?
<b>Imaging</b>		
Film /Digital	Film /Digital	Digital
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	17.6 s, pan 8 - 20 s, ceph
Magnification	1.2 constant, pan 1.08 - 1.13, ceph 1.13 digital ceph	?
Anterior layer width	10 mm	?
Compensation of Vertebrae	Yes, reduced speed	No
Compensation of redundant shadows	Yes	No
Automatic Exposure Control	Yes	No
AGC (Automatic Gain Control) in digital sensor	Yes	No
Panoramic film size	15 x 30 cm	-
Panoramic image size in digital	14 x 28 cm 4328 kB uncompressed tiff	
Cephalostat film size	18 x 24 cm, 8 x 10 in	
Cephalostat image size in digital	18 x 13 cm, 27 x 23 cm 4670 kB, 6890 kB, uncompressed tiff	
Ear post material	Carbon fibre	plastic
Automatic collimation	Yes	?
<b>Accessories</b>		
Optional film marking system	Autoprint and Admark	-
<b>Technical</b>		
Generator	Constant potential, microprocessor controlled, operating frequency 80 kHz	High frequency DC, 40 kHz
X-ray tube	Toshiba D-052SB	OPX105
Focal spot size	0.5 mm, IEC 336	0.5 mm
Total filtration	2,5 mm AL	2.7 mm Al
Anode voltage	60 - 80 kV, 11 steps	57 - 85 kV
Maximum ripple	± 1 kV	
Anode current	4 - 12 mA	10 mA fixed
Line voltage	100/117/220 - 230/240 V, ±10%, 50/60 Hz	230/240 V / 115 V, ±10%
Fusing	8 A	8A/16 A
Power uptake	max. 1,84 kW	
Weight	108 kg, pan 126 kg, ceph	120 kg, pan 165 kg, ceph
Space requirements	153 - 220 - 103 cm, pan 223 - 220 - 103 cm, ceph	116 - 231 - 120 cm 205 - 231 - 120 cm
Aluminium body construction	Yes	No
Exposure memory	Yes, 25	No
Self diagnosis system	Yes	?
Exposure counter	Yes	?
Automatic cooling period	Yes	?