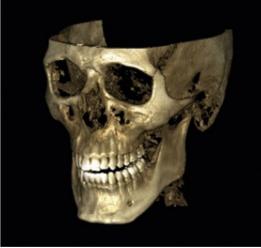
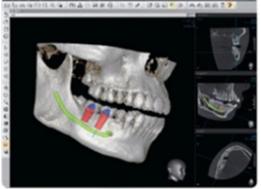
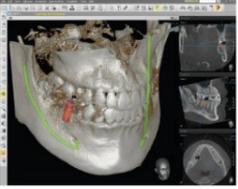


Scanner

 <p>PLANMECA ProMax 3D Mid</p>	 <p>Vatech PaX-500ECT</p>	 <p>Vatech PaX-Uni3D</p>	 <p>Vatech PaX-Duo3D</p>	 <p>Vatech Picasso-Trio</p>	 <p>Vatech Master3DS</p>	 <p>Vatech Pax-Reve3D</p>	 <p>Vatech PaX-Zenith3D</p>	
Field Of View								
Field Of View	<ul style="list-style-type: none"> • Volume sizes: Ø16 x 16 cm, Ø16 x 9 cm, Ø16 x 5 cm, Ø9 x 9 cm, Ø9 x 5 cm, Ø7 x 7 cm, Ø7 x 5 cm, Ø4 x 7 cm, Ø4 x 5 cm • 15% reduced FOV for children • Adjustable volume diameter • Possibility to stitch volumes together to large views • SCARA robot arm enables free positioning of the volume 	<ul style="list-style-type: none"> • Volume sizes: Ø5 x 5 cm • Free position of the volume 	<ul style="list-style-type: none"> • Volume sizes: Ø5 x 5 cm, Ø8 x 5 cm • Free position of the volume 	<ul style="list-style-type: none"> • Volume sizes: Ø12 x 8.5 cm, Ø8.5 x 8.5 cm, Ø8.5 x 5 cm, Ø5 x 5 cm 	<ul style="list-style-type: none"> • Volume sizes: Ø12 x 7 cm • Not free position of the volume • Not adjustable volume diameter 	<ul style="list-style-type: none"> • Volume sizes: Ø20 x 19 cm, Ø20 x 15 cm, Ø16 x 10 cm, Ø16 x 7 cm • Not free position of the volume 	<ul style="list-style-type: none"> • Volume sizes: Ø15 x 15 cm, Ø12 x 8 cm, Ø8 x 6 cm, Ø5 x 5 cm, Ø15 x 19 cm with stitching • Free FOV = "Can select all different FOV size from 5X5 to 15X15 into diagnosis" ??? 	<ul style="list-style-type: none"> • Volume sizes: Ø24 x 19 cm, Ø16 x 14 cm, Ø12 x 9 cm, Ø8 x 6 cm, Ø5 x 5 cm • Free position of the volume • Free FOV = "Can select all different FOV size from 5X5 to 24X19 into diagnosis" ???
Image quality	<ul style="list-style-type: none"> • Voxel 100-150-200-400 µm • Imaging modes: High resolution, HD, Normal, Low dose • Effective dose 12 -233 µSv • Resolution 5 lp/mm (Nyquist limit), ~ 3 lp/mm • MTF 10% • Tube current modulation • Bit depth 15 bit 	<ul style="list-style-type: none"> • 200 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 100 - 200 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 120 – 200 - 250 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 200 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 164 - 200 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 80 - 120 – 200 - 300 µm • Bit depth 12 bit 	<ul style="list-style-type: none"> • 80 - 120 – 200 - 300 µm • Bit depth 12 bit
<ul style="list-style-type: none"> • Workflow 	<ul style="list-style-type: none"> • Open positioning, user facing the patient • Patient seated or standing • Moving patient support to enable easy stitching • Scan time 18 s • Effective exposure time 2.8 – 12 s • 300/450/500/600 basic projections 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 8 s • Effective exposure time 8 s ? • ? basic projections • 220° rotation • Reconstruction time 1.5 min • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 20 s • Effective exposure time 8.2 s ? • ? basic projections • 220° / 360° rotation • Reconstruction time 42 - 80 s • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 15 - 24 s • Effective exposure time 15 - 24 s ? • ? basic projections • 360° rotation • Reconstruction time 9 - 73 s • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 15 - 24 s • Effective exposure time 8.2 s ? • ? basic projections • ? rotation • Reconstruction time 17 - 25 s • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 15 - 24 s • Effective exposure time 15 - 24 s ? • ? basic projections • 360° rotation • Reconstruction time 9 - 51 s • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 15 - 24 s • Effective exposure time 15 - 24 s ? • ? basic projections • 185° / 360° rotation • Reconstruction time 16 - 120 s • Scout view 	<ul style="list-style-type: none"> • Open positioning, doctor facing the patient • Patient standing • Scan time 15 - 24 s • Effective exposure time 15 - 24 s ? • ? basic projections • 360° rotation • Reconstruction time 10 - 221 s • Scout view

	<ul style="list-style-type: none"> • 200°/360° rotation • Reconstruction time < 60 s • Scout view for better positioning and less retakes • Images size 4 -126 MB 	• Images size 25 MB	• Images size 480 MB	• Images size 30 - 370 MB	• Images size 70 - 222 MB	• Images size 70 - 222 MB	• Images size 82 - 798 MB	• Images size ? MB
3D imaging modes	<ul style="list-style-type: none"> • 3D Dental programs • 3D ENT programs 	• ?	• ?	• ?	• ?	• ?	• ?	• ?
2D imaging modes	<ul style="list-style-type: none"> • SmartPan panoramic system, Dimax panoramic imaging • Bitewing panoramic program • Cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • 2D panoramic imaging • Cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • 2D panoramic imaging • Cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • 2D panoramic imaging • No cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • 2D panoramic imaging • Cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • No 2D panoramic imaging • No cephalostat 	<ul style="list-style-type: none"> • 2D panoramic imaging • Cephalostat • 2D TMJ programs • 2D sinus programs 	<ul style="list-style-type: none"> • 2D panoramic imaging • No cephalostat
Imaging Software	<ul style="list-style-type: none"> • Planmeca Romexis • 3D Explorer (MPR view) • Rendered 3D volume • Reconstructed panorama • Virtual cephalometric image • Cross sections • Implant library • TMJ view • Radiological diagnose module • Clinic management • Dental chart for universities • Romexis Viewer for sharing 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer 	<ul style="list-style-type: none"> • Vatech Ez3D2009 • MPR view • Rendered 3D volume • Virtual ceph image • Cross-sectional view • Simple viewer
Software compatibility	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows 2003 Server (32 or 64 bit), Windows Vista (32 or 64 bit) or Windows 7 (32 or 64 bit), Mac OS X (64 bit) • 2D output: raw, bmp, jpeg2000, jpeg, tif, gif, png 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit) 	<ul style="list-style-type: none"> • DICOM 3 (2D & 3D) • Windows XP (32 bit), Windows Vista (32 bit)
Upgradeability	Upgradeable to all film based or digital Planmeca ProMax X-rays	None						
Unit footprint (W x D)	100 x 125 cm, 3D+pan 194 x 125 cm, 3D+ceph Adjustable height: 153-253 cm	92 x 129 cm, 3D+pan 192 x 129 cm, 3D+ceph Height: 233 cm	100 x 146 cm, 3D+pan 192 x 146cm, 3D+ceph Height: 233 cm	108 x 157 cm, 3D+pan Height: 235 cm	104 x 149 cm, 3D+pan 199 x 149 cm, 3D+ceph Height: 229 cm	146 x 191 cm, 3D Height: 229 cm	143 x 157 cm, 3D+pan 205 x 157 cm, 3D+ceph Height: 234 cm	180 x 200 cm, 3D+pan 205 x 157 cm, 3D+ceph Height: 185 cm
Other								