TECHNICAL DATASHEET

x-mind prime 2

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Product data

	XMP	XMP CEPH	XMP 3D
X-RAY sources			
Total Filtration	≥ 2.5 mm Al eq. @ 70kVp	≥ 2.5 mm Al eq. @ 86kVp	≥ 2.5 mm Al eq. @ 86kVp
Tube Voltage	60 - 70 kV	60 - 86 kV	60 - 86 kV
Anodic current	2 - 7.1 mA	2 - 12.5 mA	2 - 12.5 mA
Focal spot	0.5 mm	0.5 mm	0.52 mm
Detectors			
Type	CMOS detectors with CsI scintillator	CMOS detectors with CsI scintillator	CMOS Flat Panel
Pixel size	99 µm	99 µm	100 µm
Voxel size	n.a.	n.a.	145-175 µm HD mode 72.5-87.5 µm XD mode
Gray levels	16384 (14 bit)	16384 (14 bit)	65536 (16 bit)
Sensitive area (H x L)	152 x 6.7 mm	228 x 6.7 mm	139.2 x 119.6 mm 150.5 x 113.7 mm
Mechanical data			
Footprint	1107 x 1063 mm	1208 x 1859 mm	1107 x 1063 mm
Height	2188 mm (max)	2228 mm (max)	2188 mm (max)
Weight	62 kg	118 kg	67 kg
Focal spot to image receptor distance	500 mm (20")	1650 mm (65")	500 mm (20")
Environmental conditions			
Minimum room size	120 x 115 cm (47”x45”)	186 x 121 cm (75”x49”)	120 x 115 cm (47”x45”)
Recommended room size	160 x 150 cm (63”x59”)	200 x 130 cm (80”x52”)	160 x 150 cm (63”x59”)
Working temperature range	+ 10°C ÷ + 40°C		
Working relative humidity (RH) range	30% ÷ 75%		
Working atmospheric pressure range	700 ÷ 1060 hPa		
Temperature range for transport and storage	- 20°C ÷ + 70°C		
Humidity range for transport and storage	< 95% without condensation		
Minimum atmospheric pressure for transport and storage	630 hPa		

	XMP	XMP CEPH	XMP 3D
Acquisition			
2D Programs	Panoramic (adult/child) - Lateral TMJ (open/closed mouth) - Maxillary Sinuses (PA) - Half panoramic (L/R) - Low Dose Panoramic Frontal Dentition - Bitewing (L/R(Bilateral) - Ortho Rad Panoramic		
3D Programs	Full dentition (85x93 mm - ØxH) - Single jaw (85x50 mm - ØxH) Mandibular teeth (50x50 mm ØxH)) - Maxillary teeth (50x50 mm ØxH) TMJ (85x90 mm ØxH) Maxillary Sinuses (85x93 mm ØxH) Extended dentition (120x100 mm ØxH) - Extended airways (120x100 mm ØxH)		
Ceph Programs	Skull Latero-Lateral (HxL) (24x18 cm - 18x18 cm) (24x24 cm - 18x24 cm) (24x30 cm - 18x30 cm) Skull Antero-Posterior (HxL) (24x24 cm - 18x24cm) Carpus (HxL) (24x18 cm)		
Exposure time	up to 14 s (standard panoramic) from 4.3 s (Ceph 18x24 HS) from 5.7s (3D exams)		

Workstation minimum requirements

	PAN/CEPH WINDOWS (WORKSTATION)	CLIENT WINDOWS	CLIENT MAC OS
Processor	Intel Core i5	Intel i5	Intel Core i5
Hard Disk	1 TB 7200 rpm	300 GB	300 GB
RAM	8 GB	4 GB or 8 GB (for big FOV DICOM stacks)	4 GB or 8 GB (for big FOV DICOM stacks)
Graphic Card	Open GL 2.1 compatible (suggested NVIDIA GT/GTX)	NVIDIA Geforce or NVIDIA Quadro with 1 GB dedicated RAM	NVIDIA Geforce or NVIDIA Quadro with 1 GB dedicated RAM
Screen resolution	1600 x 1024	1600 x 1024	1600 x 1024
Network Card	Intel i220 1Gb or equivalent	100 Mb for PAN/CEPH 1GB for CBCT	100 Mb for PAN/CEPH 1GB for CBCT
Operating System	Windows 10	Windows 10	OS X Sierra (10.12)

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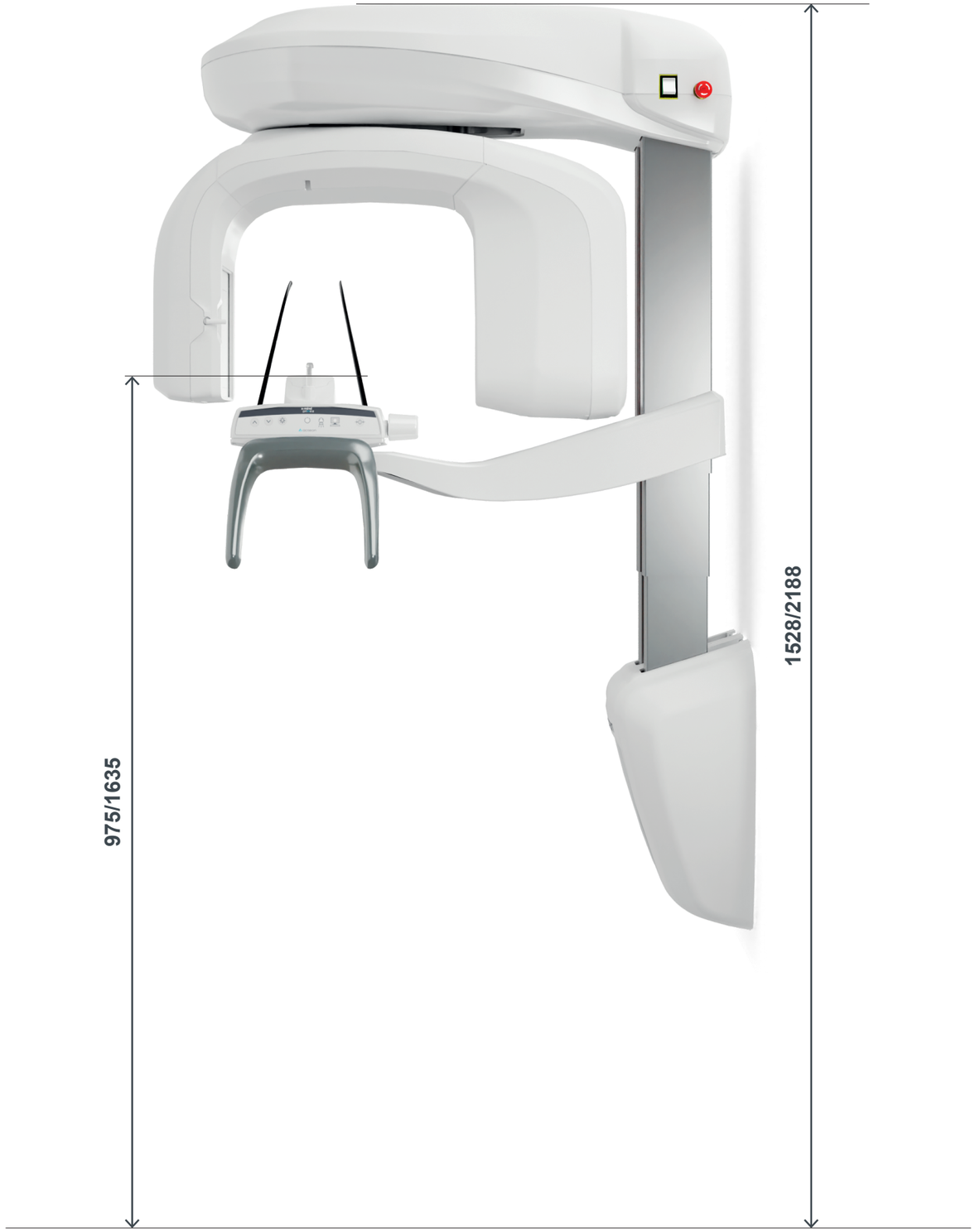
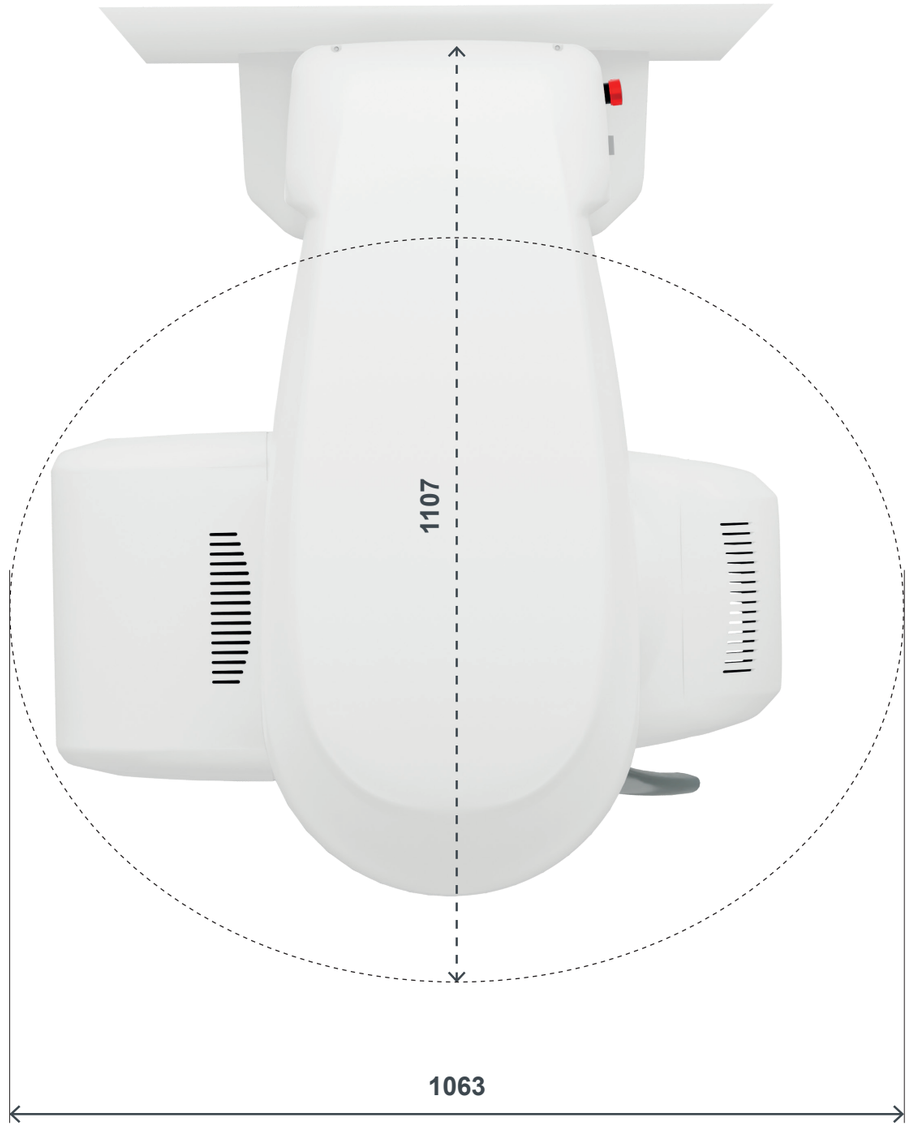
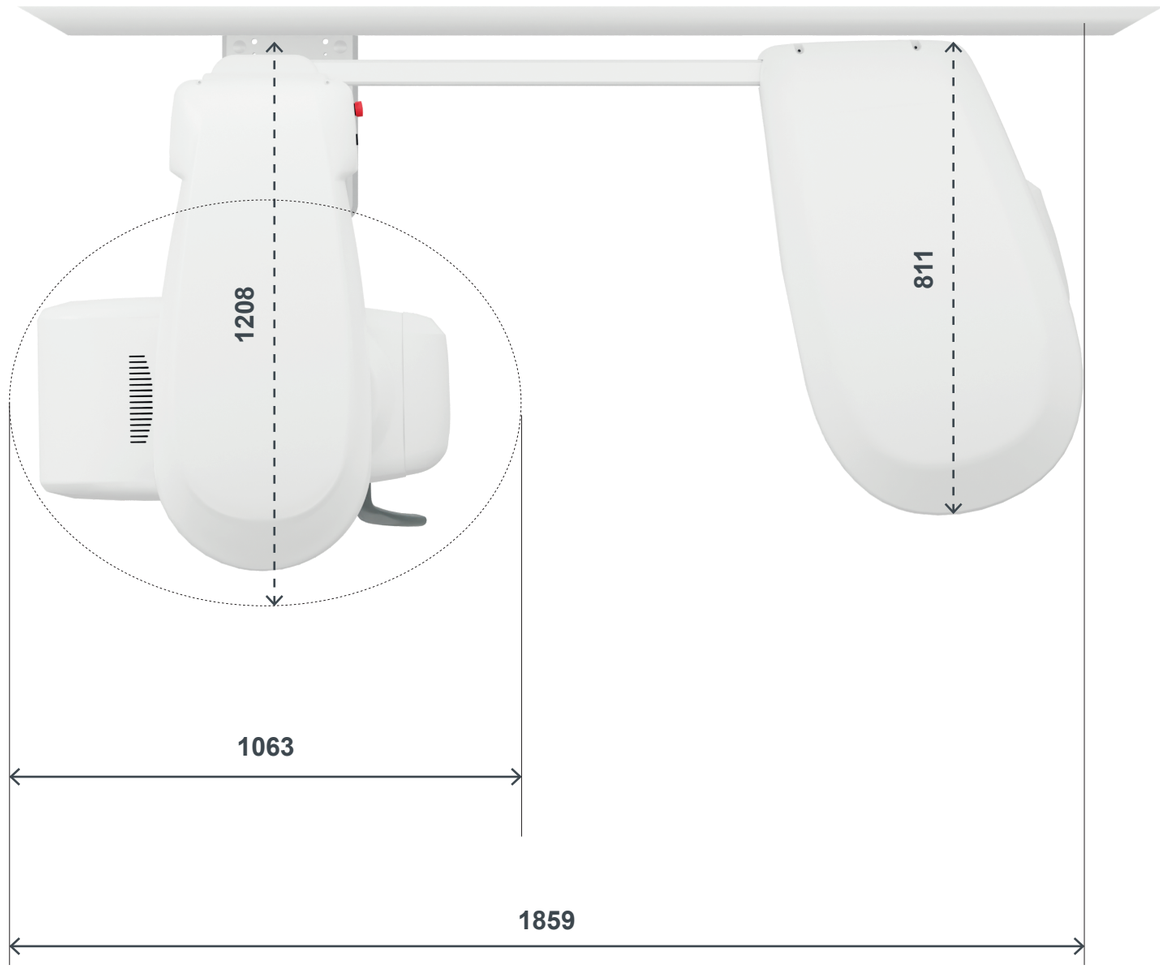
Dimensions (all quotes in mm)





Dimensions (all quotes in mm)



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