



XGENUS
Aries

de Götzen

“A COMPREHENSIVE CLINICAL OVERVIEW



CRYSTAL CLEAR IMAGES

Enjoy the details: with xgenus Aries the diagnostic process is made fast and reliable, the device is designed to provide you high quality images in just few clicks.



COMFORT FOR YOU AND YOUR PATIENT

Face to face positioning design of xgenus Aries allows better communication with your patient during the pre-exam phase. Its automatic positioning solutions ensure the highest comfort for you and your patient.



SMART AS YOU ARE

Let xgenus Aries surprise you with its smart solutions: a compact 2D or 2D/3D imaging device which can be seamlessly integrated in any clinical environment thanks to its incredible 0 footprint and clean design.

xgenus Aries encloses the finest technology of de Götzen, result of decades of know-how on user experience, all packed in a stunning device.



DESIGN MEETS RELIABILITY
AND EASE OF USE



VERSATILITY

xgenus Aries comes in different versions, 2D or 3D, wall mounted or standing with cephalometric arm, witness in its outstanding versatility. The wall mounted versions combine a stylish and innovative design with a lightweight framework allowing it to be easily and quickly installed almost everywhere. The state-of-art digital sensor provides clear and sharp images at the lowest-dose levels, always ensuring high quality images.

TECHNOLOGY

Face to face positioning allows a greater accuracy of positioning, thus less time for exam preparation. Furthermore, the automatic chin rest positioning, always ensures a FOV centered to the region of interest while the automatic recognition of the correct chin support drastically reduces the potential for errors on positioning.



Get surprised by the
lightweight and stylish design
of xgenus Aries CEPH,
the new brand all in one
system featuring
tradition
and innovation.



TECHNICAL SPECIFICATIONS



WALL MOUNTED VERSION

- xgenus Aries pan-only
- xgenus Aries 3D-pan



STANDING VERSION

- xgenus Aries pan-ceph
- xgenus Aries 3D-pan-ceph

	xgenus Aries	xgenus Aries ceph	xgenus Aries 3D	xgenus Aries 3D ceph
X-RAY SOURCES				
Total Filtration	2.0 mm Al eq. @ 70kVp	≥ 2.5 mm Al eq. @ 86kVp	≥ 2.5 mm Al eq. @ 86kVp	≥ 2.5 mm Al eq. @ 86kVp
Tube Voltage	60 - 70 kV	60 - 86 kV	60 - 86 kV	60 - 86 kV
Anodic current	2 - 7.1 mA	2 - 12.5 mA	2 - 12.5 mA	2 - 12.5 mA
Focal spot	0.5 mm	0.5 mm	0.5 mm	0.5 mm
DETECTORS				
Type	CCD	CMOS detectors with CsI scintillator	CMOS Flat Panel	CMOS detectors with CsI scintillator
Pixel size	96 μm (2x2 binning)	99 μm minimum 198 μm (2x2 binning)	120 μm (2x2 binning) 240 μm (3x3 binning)	99 μm minimum 198 μm (2x2 binning)
Voxel size	n.a.	n.a.	87.5 μm minimum	87.5 μm minimum
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 (85x90 mm - ØxH) Single jaw (85x50 mm - ØxH) Mandibular teeth (50x50 mm ØxH) Maxillary teeth (50x50 mm ØxH) TMJ (85x90 mm ØxH) - Maxillary Sinuses (85x90 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)		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 14.4 s	from 4.5 s	from 7 s	from 4.5 s
Gray levels	4096 (12 bit)	16384 (14 bit)	65536 (16 bit)	16384 (14 bit)
MECHANICAL DATA				
Footprint	1107x953 mm	1205x1851	1107x953 mm	1205x1851
Height	2190 mm (max)	2230 mm (max)	2190 mm (max)	2230 mm (max)
Weight	62 kg	120 kg	67 kg	125 kg

WORKSTATION MINIMUM REQUIREMENTS			
	PAN/CEPH Workstation (Windows)	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	PAN only: 10/100 ethernet port PAN CEPH: Intel i350 dual port	100 Mb for PAN/CEPH 1GB for CBCT	100 Mb for PAN/CEPH 1GB for CBCT
Operating System	Windows 7 Pro 64 bits	Windows 7 Pro 64 bits	OS X Sierra (10.12)

