STELLARIS 3D

GENERAL		
Features		4 in 1/3 in 1 solution: 3D CBCT models (with optional scanning chamber), Panoramic 2D, 2D cephalometric OneShot (optional, upgradeable)
3D	**3D Programs**	23 programs: adult full, child full, adult and child upper and lower jaw, adult and child sinuses, surgical and implant volume front, left and right, hemi-arc left and right, upper and lower, ENDO volume in 6 different positions, TMJ right and left
	Volume size 3D	8 volumes: 5x6.5, 7x6.5, 6x10, 7x10, 8x6.5, 8x10, 10x6.5, 10x10 (in cm)
	Voxel size	80µm, 190µm
	Exposure time 3D	12.4 – 13 s (STD model) | 16.1 – 16.9 s (HD mode)
Panoramic	**Panoramic programs**	9 programs: adult pano, child pano, dentition, Panoramic bitewing, TMJ, sinuses, half definition left, half definition right, anterior teeth
	Pixel Size	99µm
	Exposure time 2D	4.6 – 14.2 s (STD mode) | 3.2 – 9.9 s (HD mode)
Cephalometric (optional)	**Ceph programs**	LL 30x24, LL 18x24, AP, PA, Carpus
	Ceph Image Size	240x300 mm, 240x180 mm
Patient Sizes	4 sizes for Child programs (S-M-L-XL) | 4 sizes for Adult programs (S-M-L-XL)	
X-RAY GENERATOR		
Generator type		Constant potential (DC)
Tube voltage		60-86 kV
Tube current		2.5-10 mA
Focal Spot		0.5 IEC 60336

Inherent filtration	➢ 2.5mm Al/70 kV IEC 60522
DETECTORS	
Detector Type	3D, panoramic: CMOS Flat Panel, OneShot Cephalometric: PFPT (Phosphor Flat Panel Technology)
Dynamic range	16 bit (65,535 grey levels)
SOFTWARE	
Patient Database	Included, preinstalled
Additional viewers	Included,10 workstation licenses with optional extension
DICOM Store for PACS	Optional DICOM upgrade of Software license
DICOM Worklist	
DICOM Print	
DICOM image import/export	Included
Print for 2D images	Included
TWAIN for Panoramic and cephalometric modality of Stellaris 3D line	Included
3rd party patient management software links	Included
Import of 2D images	Included
Import of 3D images	Included, DICOM standard
Export with viewer on USB/CD/DVD	Included
Export of 2D cases	Included
Export of 3D cases	Included, DICOM standard
Supported image formats	DICOM, DICOM raw image, JPG, BMP
Image size	➢ Full panoramic image typically 7.5 MB ➢ Cephalometric image typically 15 MB ➢ 3D case typically 60-250 MB
Links with 3rd party implant planning softwares	➢ FONA 3D Implant simulation ➢ Simplant
Other supported products	➢ FONA Stellaris intraoral sensor ➢ FONA CDRelite intraolral sensor ➢ FONA ArtPlus/FONA ArtPlus C panoramic ➢ Any 3rd party device via TWAIN

ERGONOMICS	
Patient position	Standing or sitting
Wheelchair accessible	Yes
Positioning	Against mirror, 3 aiming light beams, temporal support
Weight	109 kg without ceph, 137kg with ceph
Footprint	➢ Unit without cephalometric arm 97.5 cm x 117.5 cm x 222 cm ➢ Unit with cephalometric modality 189 cm x 117.5 cm x 222 cm
Fixation	Wall fixation and floor fixation with baseplate
Power supply	230 V±10%, 115 V±10%, 50/60Hz
Computing System	Included, with preinstalled reconstruction and viewing software and patient database. Monitor not included
Connectivity	Unit – 2 Ethernet cables, connection to LAN, USB ports