

TECHNICAL DATA

xgenus Lira 3D

xgenus Lira 3D CEPH

X-RAY SOURCES

Total Filtration

2.8 mm Al eq. @ 85kVp (Pan, TMJ, Sinus, Ceph)

Tube Voltage

60 - 90 kV

60 - 90 kV

Anodic current

4 - 12 mA

4 - 12 mA

Focal spot

0.5 mm

0.5 mm

DETECTORS

Type

CMOS detectors with CsI scintillator

CMOS detectors with CsI scintillator

Pixel size

pan/ceph: 100 μ m
3D: 100 μ m (Fine mode) - 200 μ m (Fast mode)

Voxel size

75 μ m minimum

ACQUISITION

2D Programs

Panoramic (adult/child) - Lateral TMJ (L/R) - Frontal TMJ (L/R) - Maxillary Sinuses
Frontal View
Maxillary Sinus Lateral View (R/L) - Half panoramic (L/R) - Frontal Dentition - Ortho Rad
Panoramic

3D Programs

Dental FOV (4x4, 6x6, 8x8, 11x8 cm) - Ear (6x6) - Nose (11x8)

Ceph Programs

Skull Latero-Lateral (LL), Postero-Anterior (PA)
Antero-Posterior (AP), Carpus

MECHANICAL DATA

Footprint

1000x1500 mm

2000x1500 mm

Height

2190 mm (max)

2230 mm (max)

Weight

170 kg

205 kg