

3D EXPOSURE

VOLUME EXAMPLE

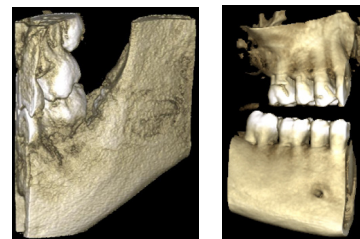
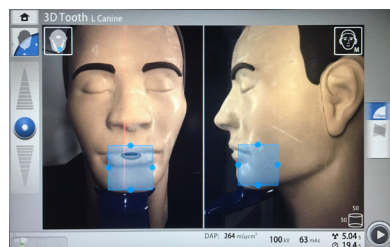
IMAGE

TOOTH

Ø30 x 30 - Ø60 x 60 mm
 Default: Ø50 x 50 mm

Voxel Size

75 µm (endo), 150 µm,
 300 µm, 450µm

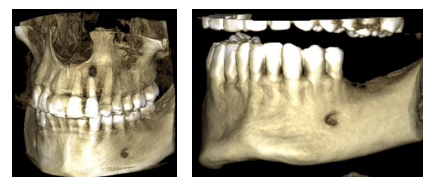
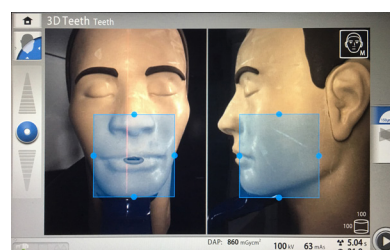


TEETH

Ø70 x 30 - Ø120 x 100 mm
 Default: Ø100 - 100 mm

Voxel Size

150 µm, 300 µm, 450 µm

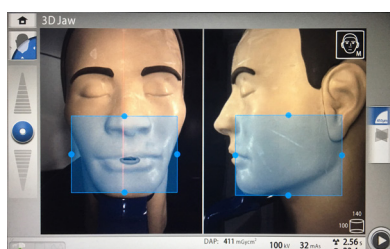


JAW

Ø130 x 30 - Ø170 x 170 mm
 Default: Ø140 x 100 mm

Voxel Size

150 µm, 300 µm, 450 µm, 600 µm

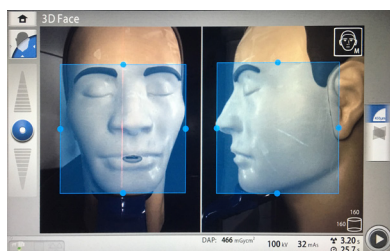


FACE

Ø140 x 120 - Ø300 x 200 mm
 Default: Ø160 x 160 mm

Voxel Size

200 µm, 300 µm, 450 µm, 600 µm

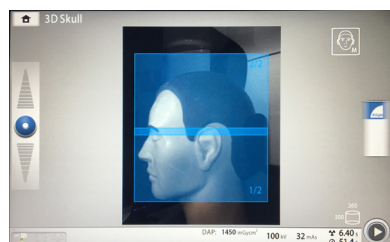


SKULL

Ø300 x 300 mm

Voxel Size

300 µm, 450 µm, 600 µm



RESOLUTION

Low Resolution



Lower exposure values and reduced patient radiation doses-TMJ, airway large volumes.
 Voxel size 400µm.

Normal Resolution



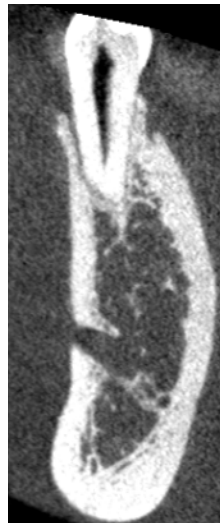
Suitable for most targets-implant planning.
 Voxel size 200µm.

High Definition



Better image quality for smaller targets.
 Voxel size 150µm.

High Resolution



Sharp images.
 Voxel size 100µm.

AI-Endo



Very sharp images for endodontic applications and other small targets.
 Voxel size 75µm.

Ultra Low Dose* (ULD) Protocols may be applied to all 5 resolutions to reduce effective dose by 77%



3D SAMPLE PROTOCOLS

PROTOCOL ONE

Full Mouth Evaluation

Program: Teeth
 Resolution: Normal
 ULD (apple): ON
 AINO: OPTIONAL

PROTOCOL TWO

Full Mouth Endodontic Evaluation

Program: Teeth
 Resolution: HD
 ULD (apple): OFF
 AINO: OPTIONAL

PROTOCOL THREE

Localized Evaluation

Program: Tooth
 Resolution: Normal
 ULD (apple): ON
 AINO: OPTIONAL

PROTOCOL FOUR

Localized Endodontic Evaluation

Program: Tooth
 Resolution: Endo or High Resolution
 ULD (apple): OFF
 AINO: ON

Image size and resolution should be based on clinical need and the ALADA (ALARA) principle. These sample protocols are designed to help the user as they learn to use the system. Once acclimated with the system, reevaluating system options is recommended.

* According to "Dosimetry of Orthodontic Diagnostic FOVs Using Low Dose CBCT Protocol" by JB Ludlow and J Koivisto."

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