FOV & Resolution Options
CONE BEAM CT SCAN (OP 3D PRO)

Scan Field of View (FOV)

FOV	Exact FOV	GENERAL RECOMMENDATIONS
5 x 5 cm	50 x 50 mm	Optimized for single site implants or localized diagnostics, for example 3rd molar extractions, impacted teeth, single TMJ assessment, endodontics.
6 x 8 cm	61 x 78 mm	Multiple implant placement using surgical guides, covers complete dental arch, optimized for one jaw.
8 x 8 cm	78 x 78 mm	Entire dentition, both mandible and maxilla as well as a portion of maxillary sinus.
8 x 15 cm	78 x 150 mm	Both mandible and maxilla including airway and upper cervical spine or the sinus, both TM joints.
13 x 15 cm	130 x 150 mm	Covers entire maxillofacial region, includes mandible and maxilla, up to the frontal sinus (see graphic of FOV)

Scan Resolution

	GENERAL RECOMMENDATIONS
Low Dose Technology ™	Treatment follow up, children
Standard	Implants, 3rd molars, TMJ, impacted teeth, root resorption
High	Pathologies, alveolar bone defects, root fractures
Endo	Endodontic cases (periapical infections, root canals, fractures, etc.)

50 x 50 mm FOV

Available resolutions:

High resolution (125µm voxel size)
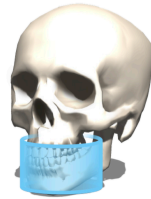
Standard resolution (200µm voxel size)

Low Dose Technology™ (LDT) resolution (280µm voxel size)

Program optimized for endodontic imaging:

Endo program (85µm voxel size)

61 x 78 mm FOV

Available resolutions:

High resolution (200µm voxel size)

Standard resolution (300µm voxel size)

Low Dose Technology™ (LDT) resolution (320µm voxel size)

78 x 78 mm FOV

Available resolutions:

High resolution (200µm voxel size)

Standard resolution (300µm voxel size)

Low Dose Technology™ (LDT) resolution (320µm voxel size)

78 x 150 mm FOV

Available resolutions:

High resolution (250µm voxel size)

Standard resolution (350µm voxel size)

Low Dose Technology™ (LDT) resolution (400µm voxel size)

130 x 150 mm FOV (optional)

solutions:

High resolution (320µm voxel size)

Standard resolution (380µm voxel size)

Low Dose Technology™ (LDT) resolution (420µm voxel size)