

bright CT

the Next in CBCT for Digital Tx

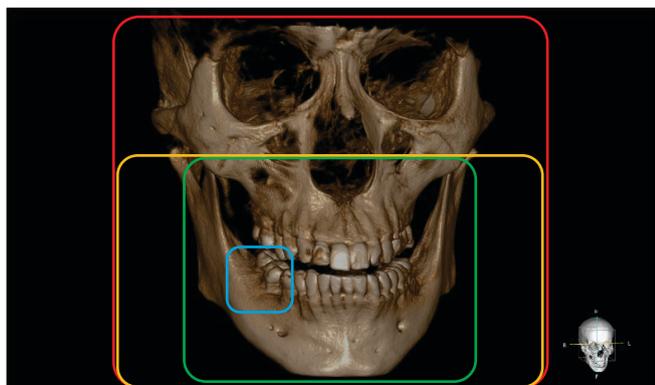


Dentium

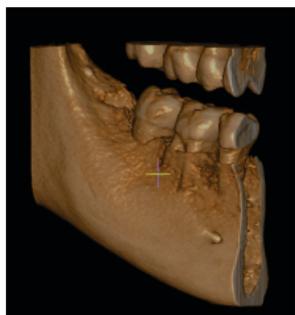
Large and Free FOV(Field Of View)

Provides versatile visibility, ensuring flexibility from detailed areas to complete dentition.

Implant / Periodontics / Endodontics / Orthodontics / Oral Surgery / Airway Analysis



Stitching	17.5 x 15
Wide	17.5 x 9.5
Standard	12 x 9.5
Endodontics	5 x 5



5 x 5



12 x 9.5



17.5 x 9.5

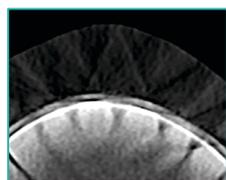
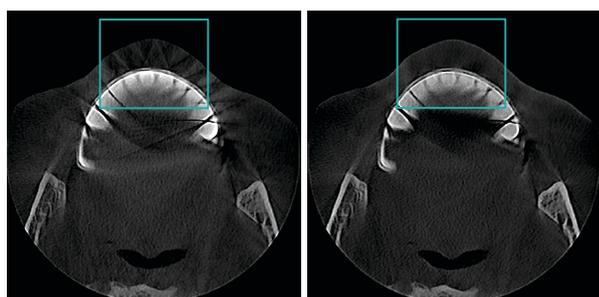


17.5 x 15

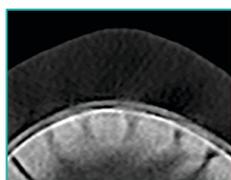
Advanced MAR(Metal Artifact Reduction)

Enhanced MAR technology reduces metal diffusion and contact surface interference, resulting in more accurate diagnostics.

Streak artifact removal

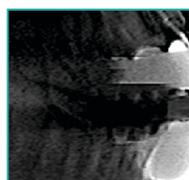
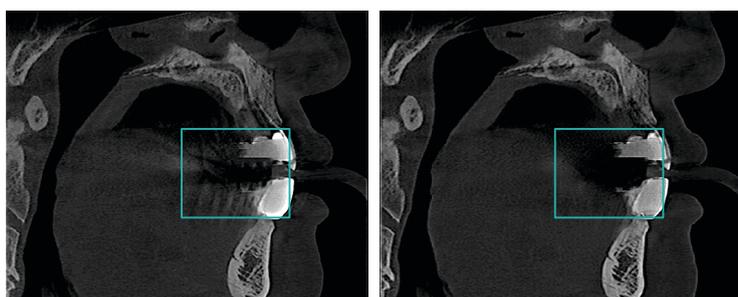


Before



After

Afterimage removal



Before



After

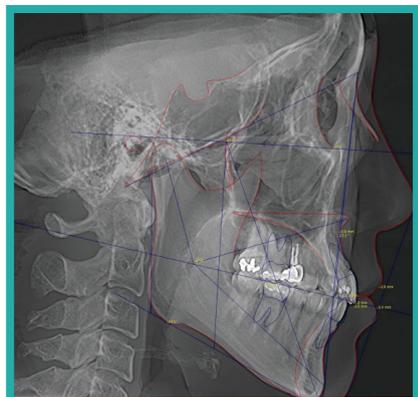
Virtual Pano

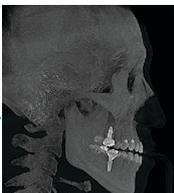
Virtual panoramic image is generated from a single 3D scan, offering exceptional image clarity.



Virtual Ceph

Virtual cephalo image is obtained from a single 3D scan, enhancing spatial efficiency.



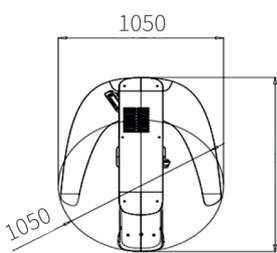


Lateral



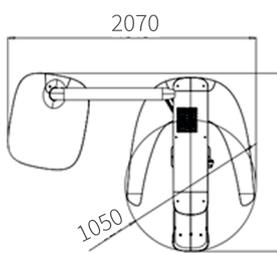
Frontal

Compactness is the key !



Without Cephalo

VS



With Cephalo

AI-driven functionalities

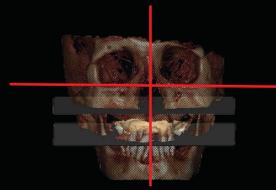
AI functions are applied throughout the diagnosis and treatment process.

• AI Occlusal Plane



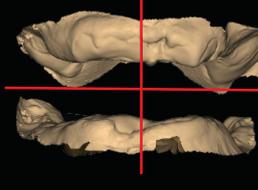
Stitch data

CT STL (Hard tissue + Soft tissue)
+ Working model

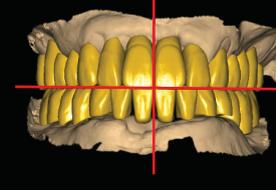


Stitch data

CT CT DICOM + CT Plane STL
+ Working model



Apply occlusal plane
to edited working model



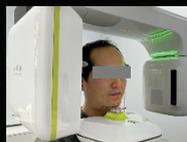
Set up a virtual model

To set the occlusal plane, there is no longer a need to take facial photographs or use a face bow. With CT STL files, the occlusal plane can be easily checked and set!

• Check Bite



Take putty index

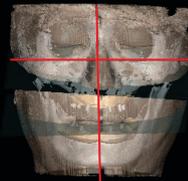


Take CT biting
putty index



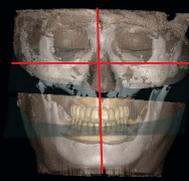
Stitch data

CT STL (Hard tissue) + Working model
+ Abutment library



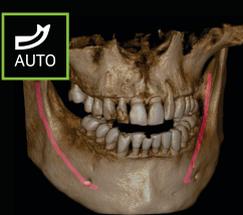
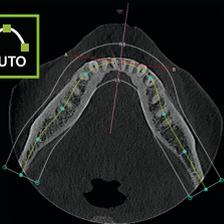
Stitch data

CT STL (Hard tissue + Soft tissue)
+ Plane + Working model

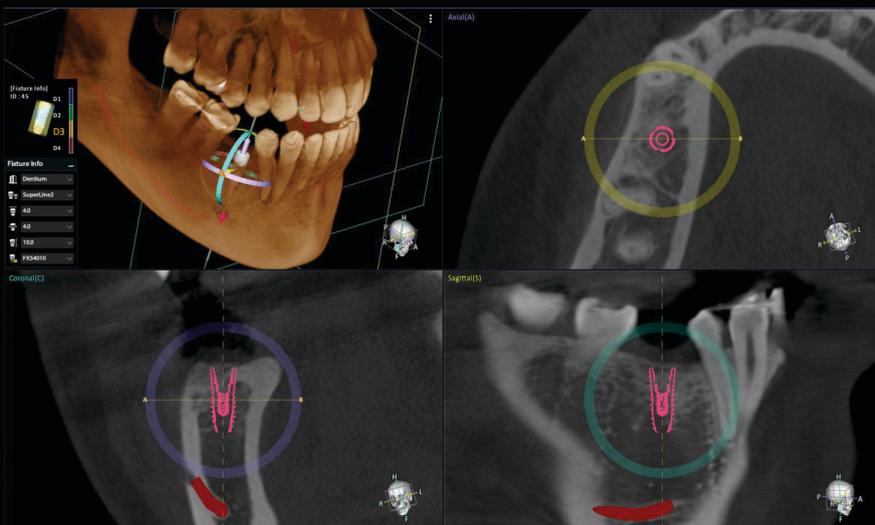


Design crown

• Automatic Arch Generation

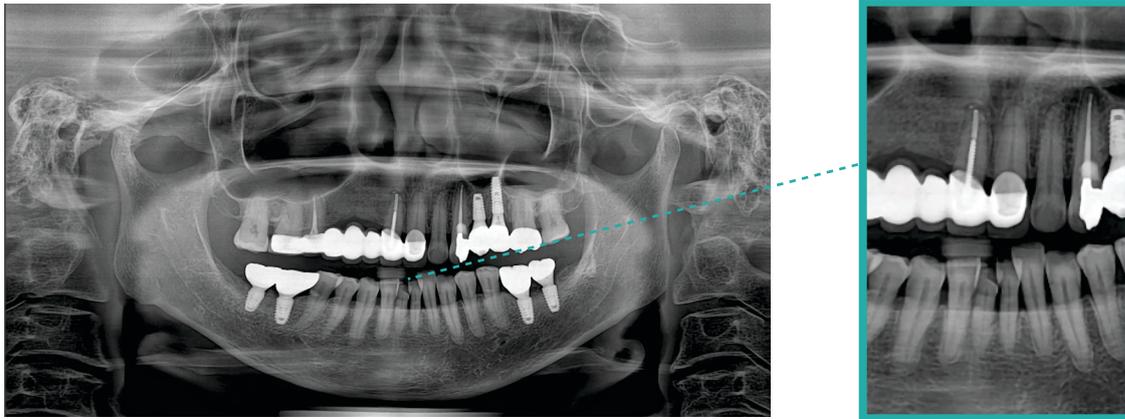


• Implant Placement Simulation



Crystal-clear Anterior Image

Ensures accurate diagnosis with clear anterior images, free from overlap with the nose and cervical spine.

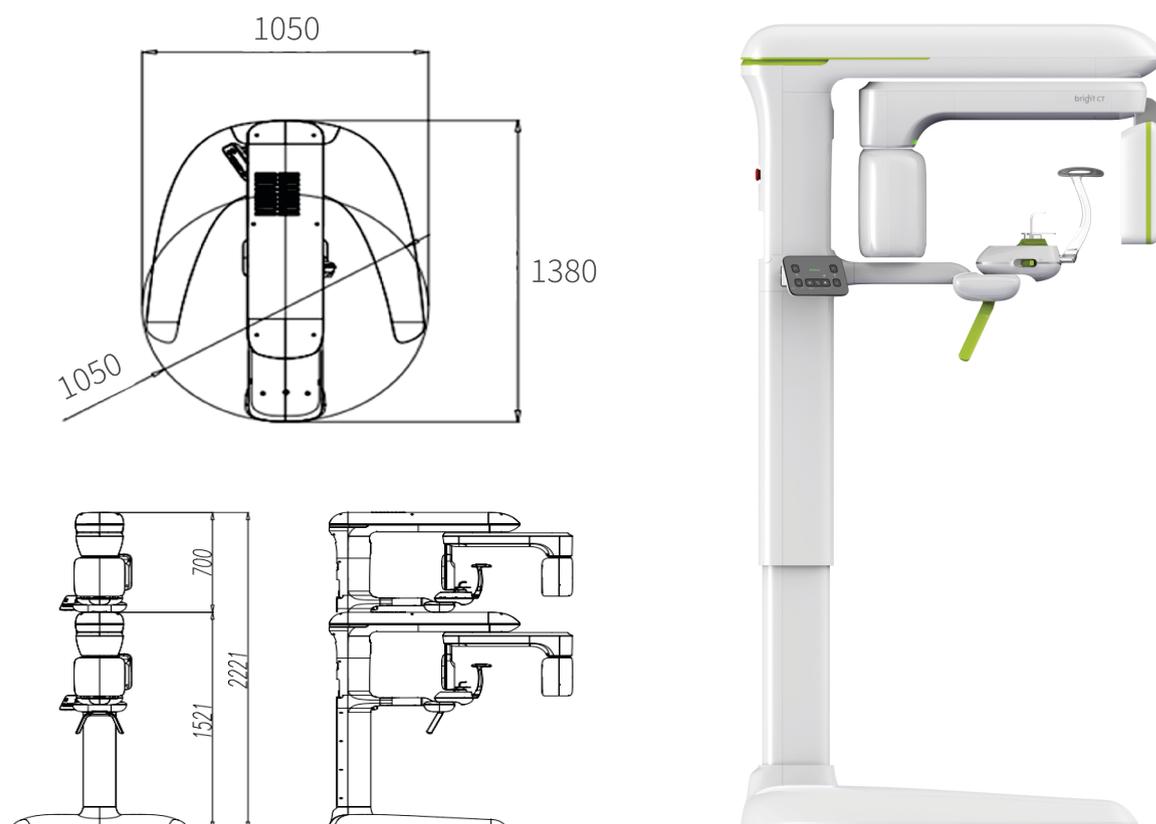


Compact Design

Featuring a compact design, it provides efficient space usage and a streamlined setup.



Dimensions



Specification		1T	1TC	2T	2TC	2TS	2TSC
Generator Type		High frequency DC generator					
Focal Spot		0.5mm					
Detector		CMOS					
FOV(cm)		5x5 ~ 12x9.5		5x5 ~ 17.5x9.5		5x5 ~ 17.5x15 (Stitching)	
Voxel Size		80 ~ 300um					
Scan Time (sec)	Pano	11.8					
	CT	10 / 15 / 20		Free FOV, 12x9.5 : 6.6 / 13.4 / 20 17.5x9.5 : 10 / 15 / 20		Free FOV, 12x9.5 : 6.6 / 13.4 / 20 17.5x9.5 : 10 / 15 / 20 17.5x15 : 20 / 30 / 40	
	Ceph	-	6	-	6	-	6
	Impression	39.5					



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