

SEE BEYOND THE FRAME

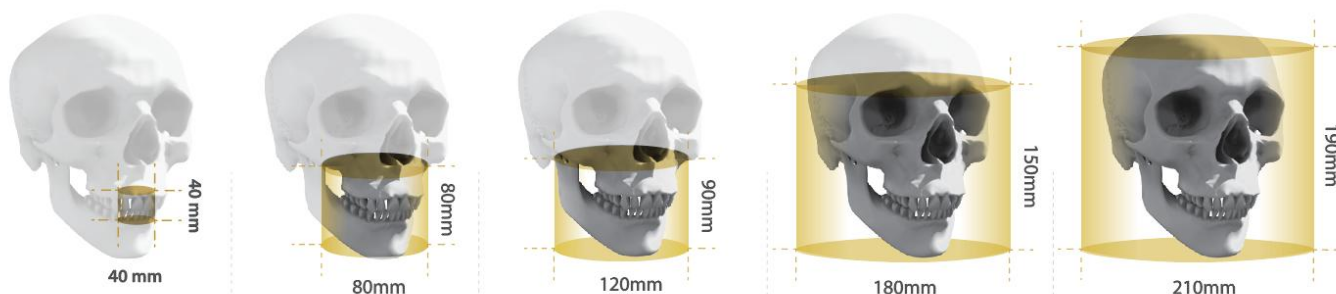
Green X 21™



- 5-in-1 Digital X-Ray: PANO | CEPH | DENTAL CT | FACE SCAN | MODEL SCAN
- Large FOV up to 21x19
- SMART FOCUS: One Scan up to 5 images
- DAVIS 3D Segmentation
- ENDO Mode with 50um voxel size
- Auto PANO & Auto CEPH
- 0.9 sec One Shot CEPH
- FACE SCAN

MULTI FOV SELECTION

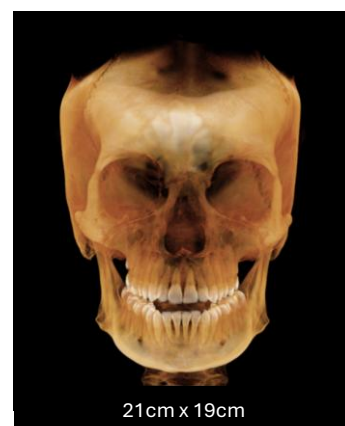
The Green X 21 offers a range of selectable fields of view. The Multi FOV option allows users to select the optimum FOV mode while minimizing exposure to areas that are not in the region of interest. The selection includes the following FOV sizes for diagnostic needs: 21x19, 18x15, 12x9, 12x5, 8x8, 8x5, 5x5 and 4x4. These options cover the full arch region, sinus and left/right TMJ, and suits most oral surgery cases and multiple implant surgeries.



	FOV 4x4/5x5	FOV 8x5/8x8	FOV 12x5/12x9	FOV 18x15	FOV 21x19
REGION	- Single tooth capture	- Central dentition - TMJ (R or L)	- Dual arch including sinus and nerve - TMJ (R or L)	- Back border of jaw (Ramus) - Dual arches back to the 3 rd molars plus sinus - Central incisor to spine	- Nearly entire cranium - Tip of nose to posterior of cranium - C5, C6 to superior sinus
CLINICAL IMPLICATION	- Implant single site - Endo - Perio - Complex impaction (3rd) - OMS - Supernumerary : Ortho	- Implantology - Guided Surgery - General Dentist - OMS - Orthodontics	- Surgical guides - Sinus lifts - Bone grafting - Bi lateral sinus augmentation	- Surgical Guides - Sinus lifts for both sinuses - Complex orthognathic cases - Simultaneous diagnosis for both TMJs	- Airway - Oral and maxillofacial surgery facial reconstructions - Orthodontic treatment planning for complex orthognathic cases

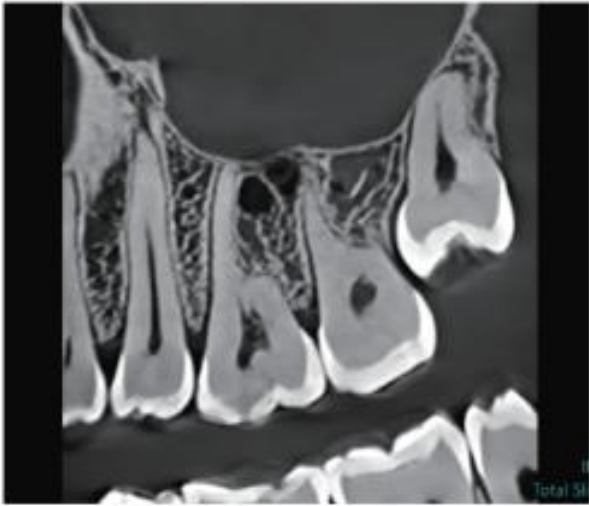
The Ideal FOV Size for Comprehensive Diagnosis

The 21×19 cm FOV is the optimal choice for Oral and Maxillofacial Surgeons and Orthodontists, providing a broad anatomical view. It captures structures from the roof of the orbits and the nasion down to the hyoid bone, ensuring a complete and detailed diagnostic assessment



ENDO MODE WITH HIGH RESOLUTION

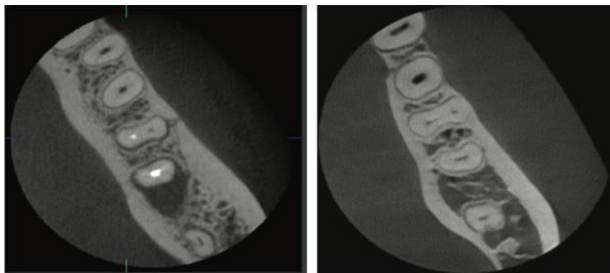
The Endo Mode features a 4x4 cm FOV and an ultra-fine 50-micron voxel size, enabling highly detailed imaging of focused regions of interest. This makes it an ideal solution for endodontic procedures, providing dentists with exceptional image clarity and precision for accurate diagnosis and treatment planning.



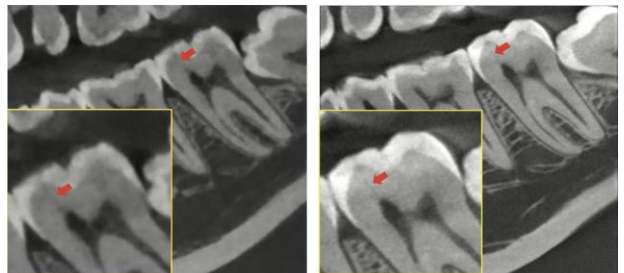
Capture ultra-fine details with industry-leading 49.5µm voxel (4x4 FOV) imaging



Confident diagnosis and planning – periapical region, root canals, curvature, obturation



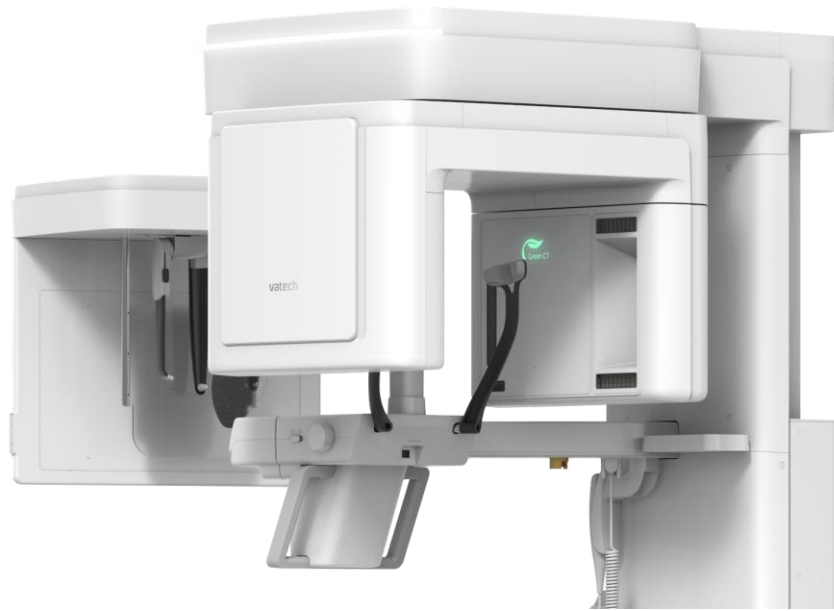
Dental Mode vs. Endo Mode



Dental Mode vs. Endo Mode
Identify hair-line fractures clearly



Technology that supports your diagnosis,
functions that inspire confidence



ONE SCAN, THREE IMAGES

One scan with the Green X 21 gives you a CT, Auto Pano and Auto CEPH image. This means that patients who require all images do not need to undergo three x-ray scans.



AUTO PANO



CBCT



AUTO CEPH

MINIMISE MOTION ARTEFACT WITH ONE SHOT TECHNOLOGY

The next step in cephalometric technology, Vatech's new One Shot Ceph minimises motion artefacts and enables faster diagnostic workflow while providing the highest quality digital images.



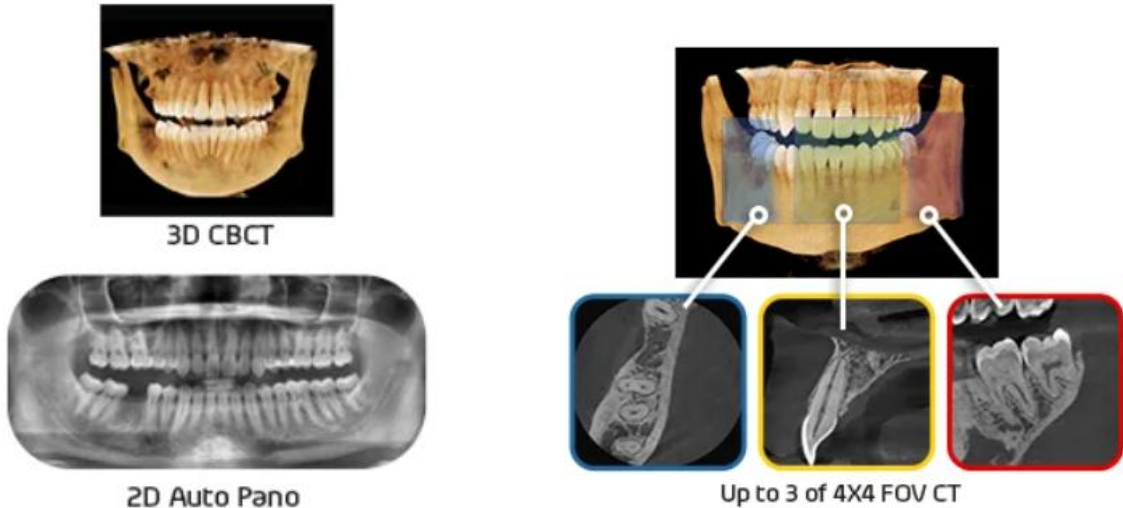
ONE
SHOT
CEPH

0.9
sec

SMART FOCUS: 1 SCAN, 5 IMAGES

With Green X 21, you will get high-resolution images of multiple treatment areas with a single shot. With 1 scan, you get 5 different high-resolution images: three 4x4, one 12x8.5 image and one Auto PANO image.

Other advantages are minimal X-ray exposure to the patients and less work for staff, which means a faster and more efficient workflow.



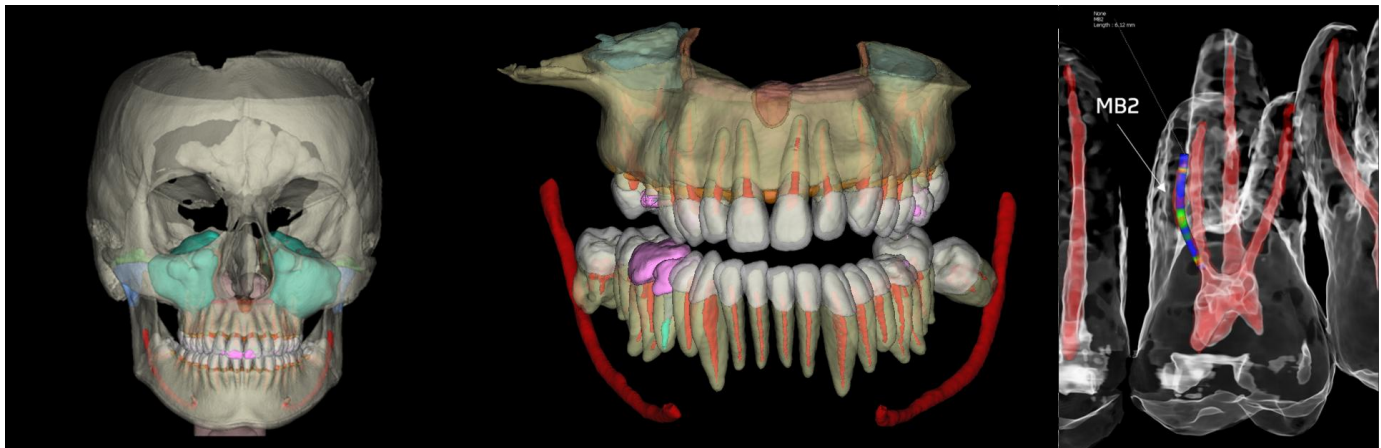
DAVIS Toolkit for Segmentation

Automatic 3D segmentation with the DAVIS Toolkit delivers precise anatomical insights for accurate diagnosis, safer treatment planning, and clearer patient communication.

Identify key structures for accurate clinical decisions

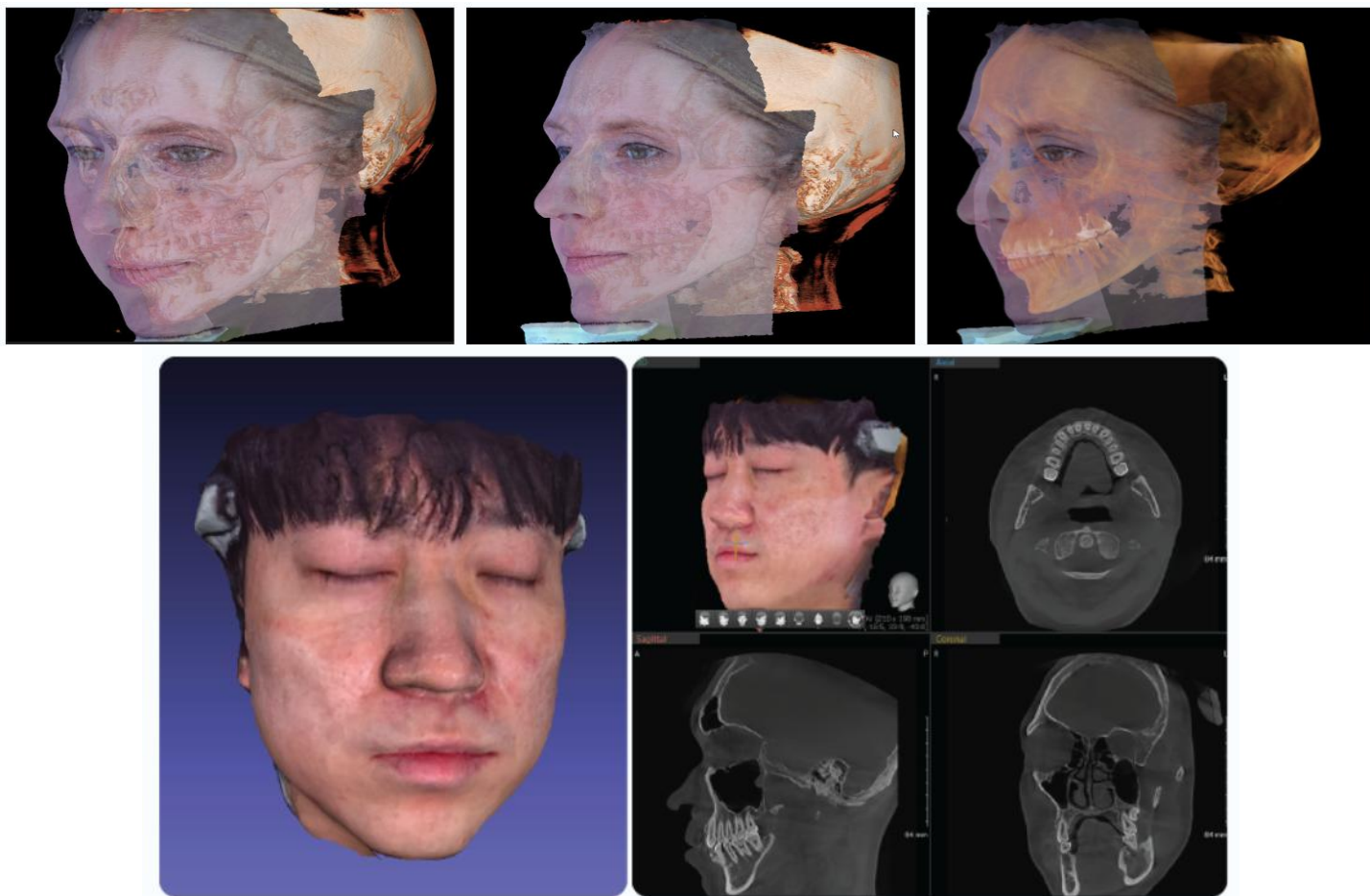
Secure implant and endodontic treatments with 3D references

Explain conditions clearly for improved patient confidence



FACE SCAN

The Face Scan creates a virtual patient and provides clear visualisation, which makes it easy to understand from a patient point of view. Users can obtain Face Scan image alone or with a 21x19, 18x15 or 12x9 image.

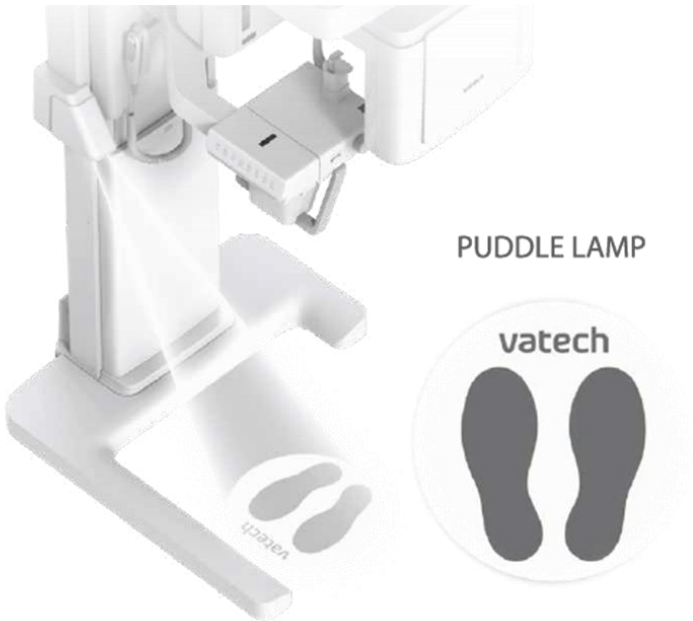


Face Scan is a selectable feature that captures high-resolution 3D images of the patient's face, enabling seamless integration with CT scans for a comprehensive orthodontic assessment.

Available when selecting FOV 21x19, 18x15, or 12x9. By aligning 3D facial images with CT image, FACE SCAN enhances orthodontic treatment planning and provides dentists with a powerful tool for more effective patient consultations.

PUDDLE LAMP

Puddle lamp guide to assist for accurate patient positioning ensuring superior image quality.

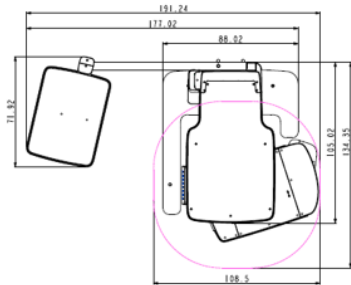
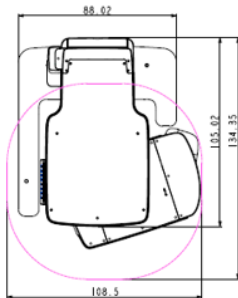
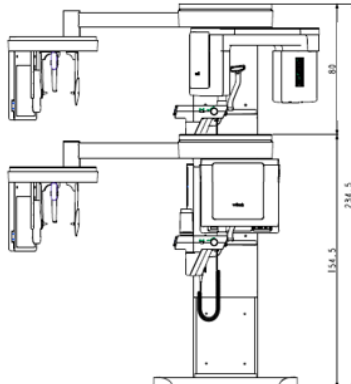
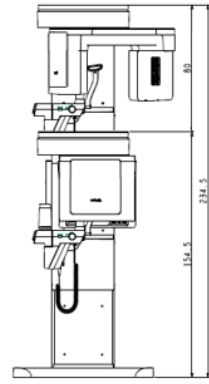


Specifications [Green X 21 : PHT-90CHO]

Function	CT + Pano + Ceph + Model Scan		
CT FOV Size	4×4(Endo), 5×5, 8×5, 8×8, 12×5, 12×9, Smart Focus, 18×15, 21×19		
Voxel Size	4×4(Endo)	0.05mm	
	5×5	0.08mm / 0.12mm	
	8×5 / 8×8	0.12mm / 0.2mm	
	12×5 / 12×9	0.12mm / 0.2mm / 0.3mm	
	Smart Focus(12×9)	0.2mm / 0.3mm	
	18×15	0.2mm / 0.3mm	
	21×19	0.2mm / 0.3mm	
Scan Time (High Resolution / Green)	Pano	14.1 sec / 7.5sec	
	Ceph	0.9sec	
	CBCT	5×5, 12×5, 18×5(Scout)	14.5sec
		4×4(Endo)	18.1sec
		5×5 / 8×5 / 8×8 / 12×5 / 12×9	7.1sec
		Smart Focus	18.1sec
		18×15 / 21×19	18.3sec
Gray Scale	16-bit		
Tube Voltage / Current	Pano	60 ~ 90 kVp / 4 ~ 14 mA	
	Ceph	60 ~ 99 kVp / 4 ~ 15mA	
	CBCT	60 ~ 99 kVp / 4 ~ 12mA	
Weight	Without CEPH unit	165.4kg (364.64 lbs - without Base)	
		220.7kg (486.56 lbs - with Base)	
	with CEPH unit	190.0kg (418.88 lbs - without Base)	
		245.3kg (540.79 lbs - with Base)	

DIMENSIONS

UNIT: CM

	With CEPH unit	Without CEPH unit
TOP VIEW		
FRONT VIEW		

***An additional 76.2mm of space is required behind the unit for wall mount bracket installation (mandatory).**