

SPEED, QUALITY, PREDICTABILITY
NO COMPROMISE

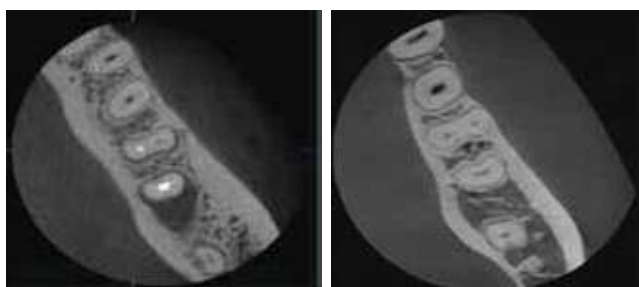
Green X 21™





ENDO MODE WITH HIGH RESOLUTION

With the endo mode will optimize treatment of highly-focused regions of interest. It is ideal for endodontic use because the dentist is able to achieve an extraordinary image in a high-resolution voxel size.



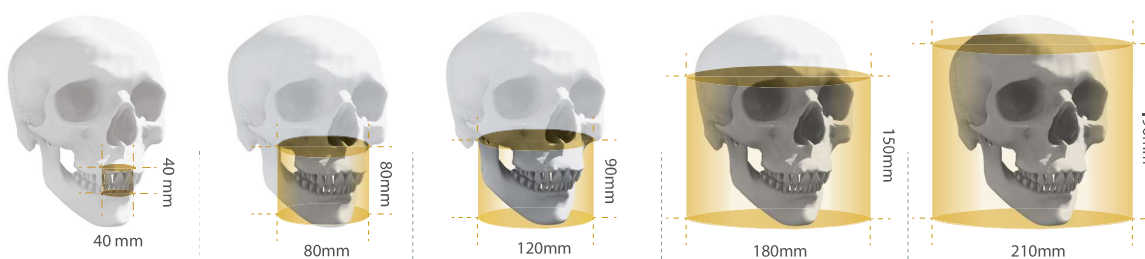
Dental Mode vs. Endo Mode



Dental Mode vs. Endo Mode

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



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.



MINIMIZE MOTION ARTIFACTS WITH ONE SHOT TECHNOLOGY

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

GREAT CLINICAL CARE WITH ONE SHOT TECHNOLOGY



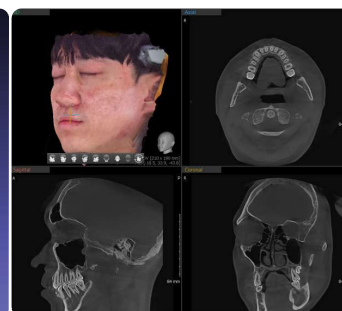
ONE
SHOT
CEPH

0.9
sec

FACE SCAN

The Face Scan creates a virtual patient and provides clear visualization, which makes it easy to understand from a patient point of view.

- Users can obtain Face Scan image alone or with a 21x19, 18x15, 12x9 image.

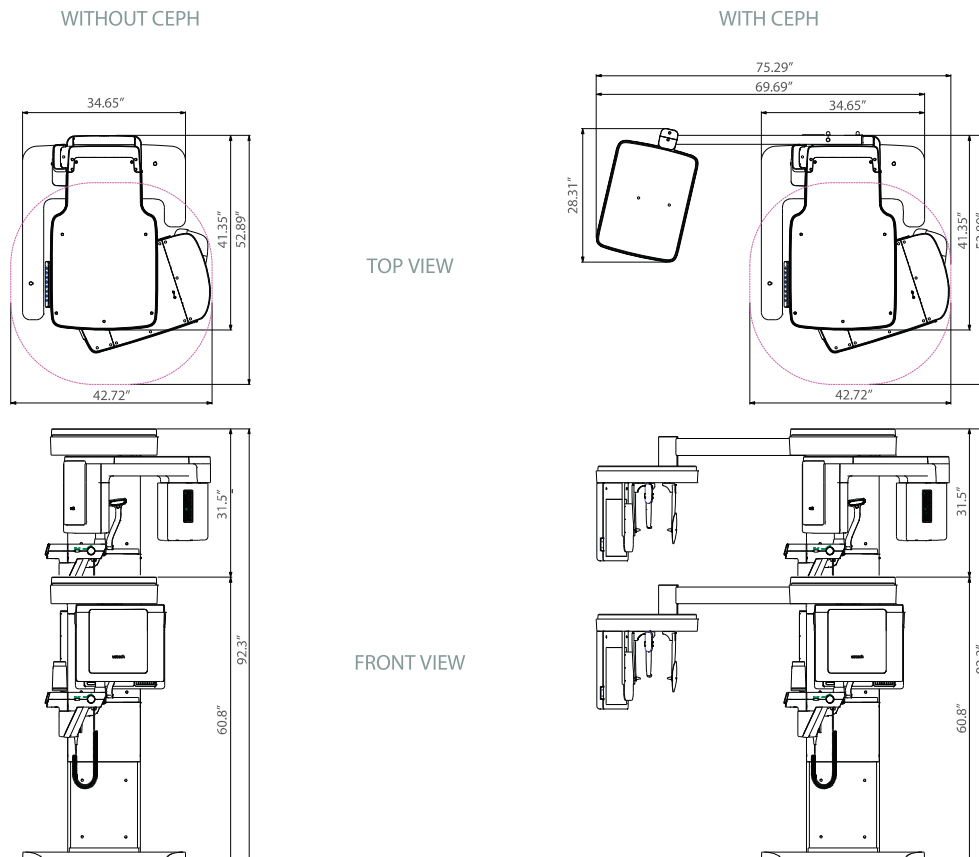


SPECIFICATIONS [Green X 21 : PHT-90CHO]

Function	CT + Pano + Ceph + Face Scan + Model Scan	
Focal Spot Size	0.5 mm (IEC 60336)	
CT FOV Size	4x4, 5x5, 8x5, 8x8, 12x5, 12x9, 18x15, 21x19 cm	
Face Scan FOV Size	12x9, 18x15, 21x19 cm	
Voxel Size	4x4	0.05 mm
	5x5	0.08 mm / 0.12 mm
	8x5 / 8x8	0.12 mm / 0.2 mm
	12x5 / 12x9 / 18x15 / 21x19	0.2 mm / 0.3 mm
Scan Time	Pano	4.0 sec / 14.1 sec
	Ceph	0.9 sec
	CBCT	7.0 sec (5x5 - 12x9) / 15.2 sec (18x15, 21x19) / 18.0 sec (Endo 4x4)
Gray Scale	16 Bit	
Tube Voltage / Current	60 - 99 kVp / 4 - 16 mA	
Weight	Without CEPH unit	364.64 lbs - without Base
		486.56 lbs - with Base
	With CEPH unit	418.88 lbs - without Base
		540.79 lbs - with Base
Dimensions	With CEPH unit	75.29" (L) x 52.89" (W) x 91.24" (H) - without Base
		75.29" (L) x 52.89" (W) x 92.34" (H) - with Base
	Without CEPH unit	42.72" (L) x 52.89" (W) x 91.24" (H) - without Base
		42.72" (L) x 52.89" (W) x 92.34" (H) - with Base

*The specifications are subject to change without prior notice.

DIMENSIONS [Unit: Inch]



*An additional 3 inches (76.2 mm) of space is required behind the unit for wall mount bracket installation (mandatory unless there is a base mount installation).