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RAISING THE BAR FOR EXCELLENCE

Green 21™



LARGE 21X19 FOV FOR COMPLETE DIAGNOSTIC IMAGING NEEDS

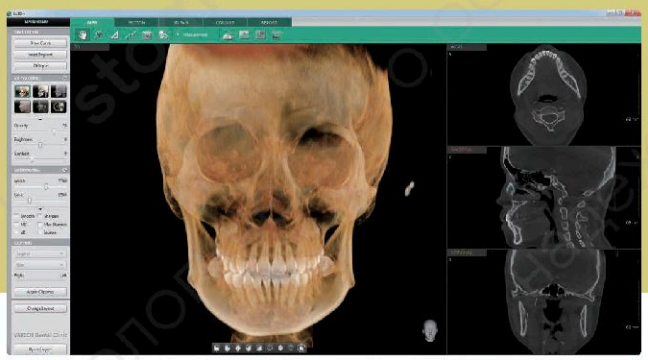
THE OPTIMAL SOLUTION FOR AIRWAY AND ENT DIAGNOSIS

AUTOMATICALLY GENERATES UP TO 6 TYPES OF IMAGES IN 1 SCAN

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THE MOST SUITABLE FOV SIZE FOR A COMPLETE DIAGNOSIS

A 21x19 FOV is the optimal size for oral maxillofacial surgeons and orthodontists. Anatomically, it captures the regions from the roof of the orbits and nasion down to the hyoid bone.

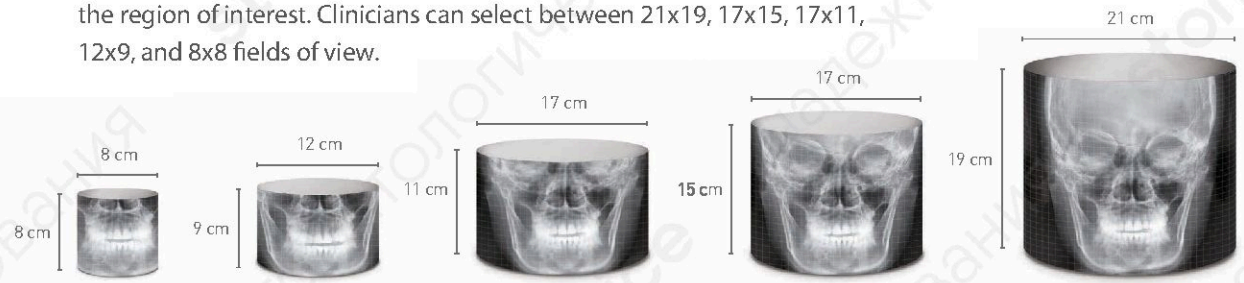


- ☑ Oral and maxillofacial surgery
- ☑ Facial reconstructions
- ☑ Orthodontic treatment planning
- ☑ Complex orthognathic cases

The Green 21 utilizes a proprietary 49.5 µm high resolution x-ray sensor, which makes it the finest pixel and highest resolution CBCT available on the market today.

[Multi FOV]

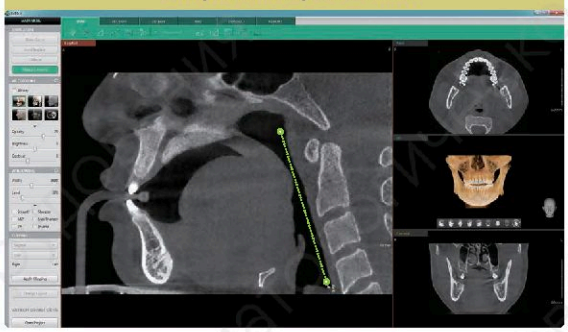
The Green 21 offers a wide range of selectable Fields of View (FOV).
This selectable FOV helps limit patient radiation exposure, and allows users to capture only the region of interest. Clinicians can select between 21x19, 17x15, 17x11, 12x9, and 8x8 fields of view.



The Green 21 provides an ENT mode (Airway/TB&PNS) for ENT specialists.
The fields of view are based on patients' most common cases such as cholesteatoma, chronic sinusitis, and sleep apnea.

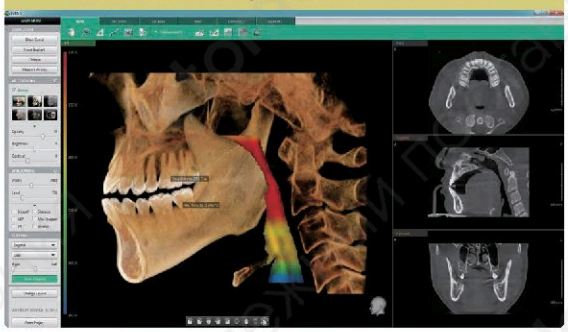
[Airway] A Powerful Function for Airway Volume Analysis

Simple Airway Selection



- 2-click airway region selection

Automatic Airway Volume Measurement



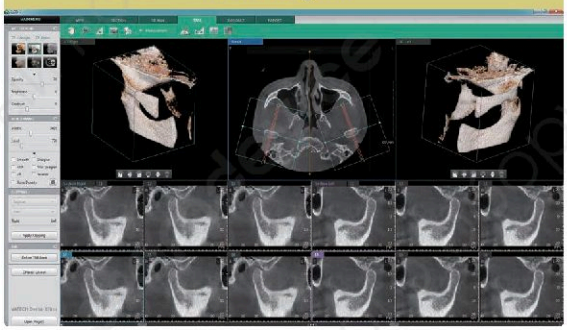
- Segmented airway volume and color coded thickness measurements
- Automatically calculates total volume and minimum area measurements

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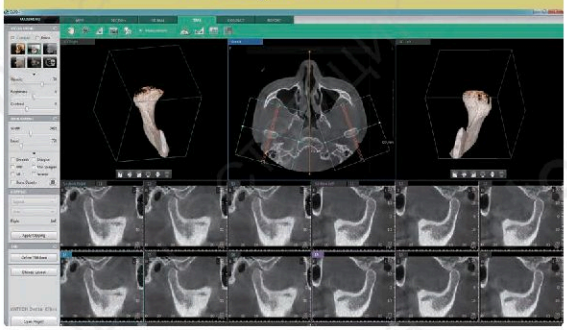
[TMJ] Simultaneous Analysis for both TMJ

TMJ Navigator



- Instant automatic cross-sectional images

TMJ Segmentation



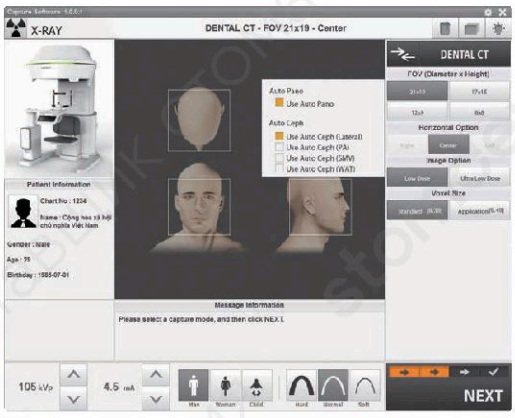
- Easily segment and separate the Condyle or Fossa
- Rotation for an accurate diagnosis

*Airway & TMJ analysis available on Ez3D-i V4.1

AUTOMATICALLY GENERATES UP TO 6 TYPES OF IMAGES IN 1 SCAN

One scan with the Green 21, can capture the raw data needed for a CBCT, Panorama, PA Ceph, Lateral Ceph, SMV Ceph, and Waters' View Ceph.
With this scan, the system is capable of capturing images for craniofacial, maxillofacial, and orthodontic treatment planning.

VALUE-ADDED AUTO IMAGE SELECTION



Select the image type needed for your treatment plan.

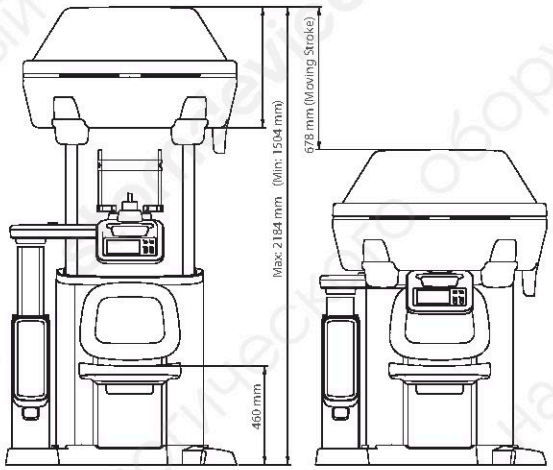


* Conventional Panorama mode is included.

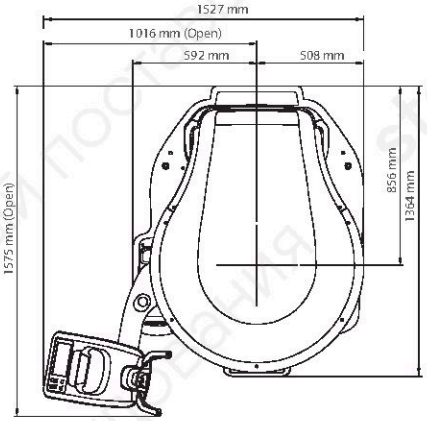
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DIMENSIONS [Unit: mm]

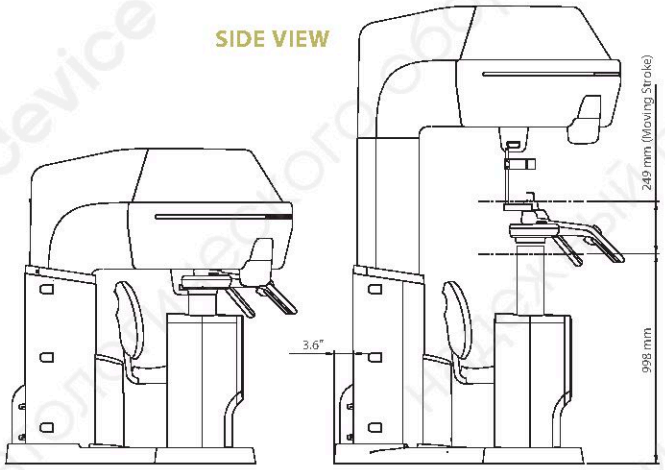
FRONT VIEW



TOP VIEW



SIDE VIEW



SPECIFICATIONS [Green 21: PCT-90LH]

Function	CT (Auto Pano/Auto Ceph) + Pano	
CT FOV Size	Dental	21x19 / 17x15 / 12x9 / 8x8 cm
	ENT	21x19 / 17x11[TB&PNS] / 17x11[Airway] cm
Scan Time	Pano	13.5 sec
	CT	Max. 18 sec
Voxel Size	0.2 / 0.3 / 0.4 mm	
Focal Spot Size	0.5 mm [IEC60336]	
Gray Scale	14 bit	
Tube Voltage	60 - 120 kV	
Current	4 - 10 mA	
Weight	321 kg (708 lbs)	
Dimensions	1575 mm(L) x 1527 mm(W) x 2184 mm(H)	

• The specifications are subject to change without prior notice.

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