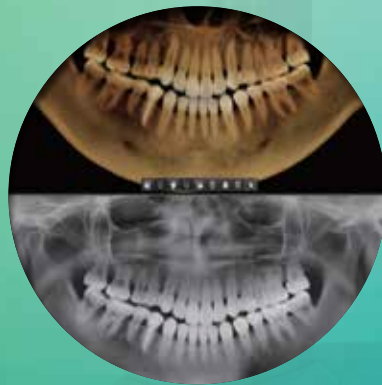




**THE OPTIMUM CHOICE
FOR IMPLANTOLOGIST**

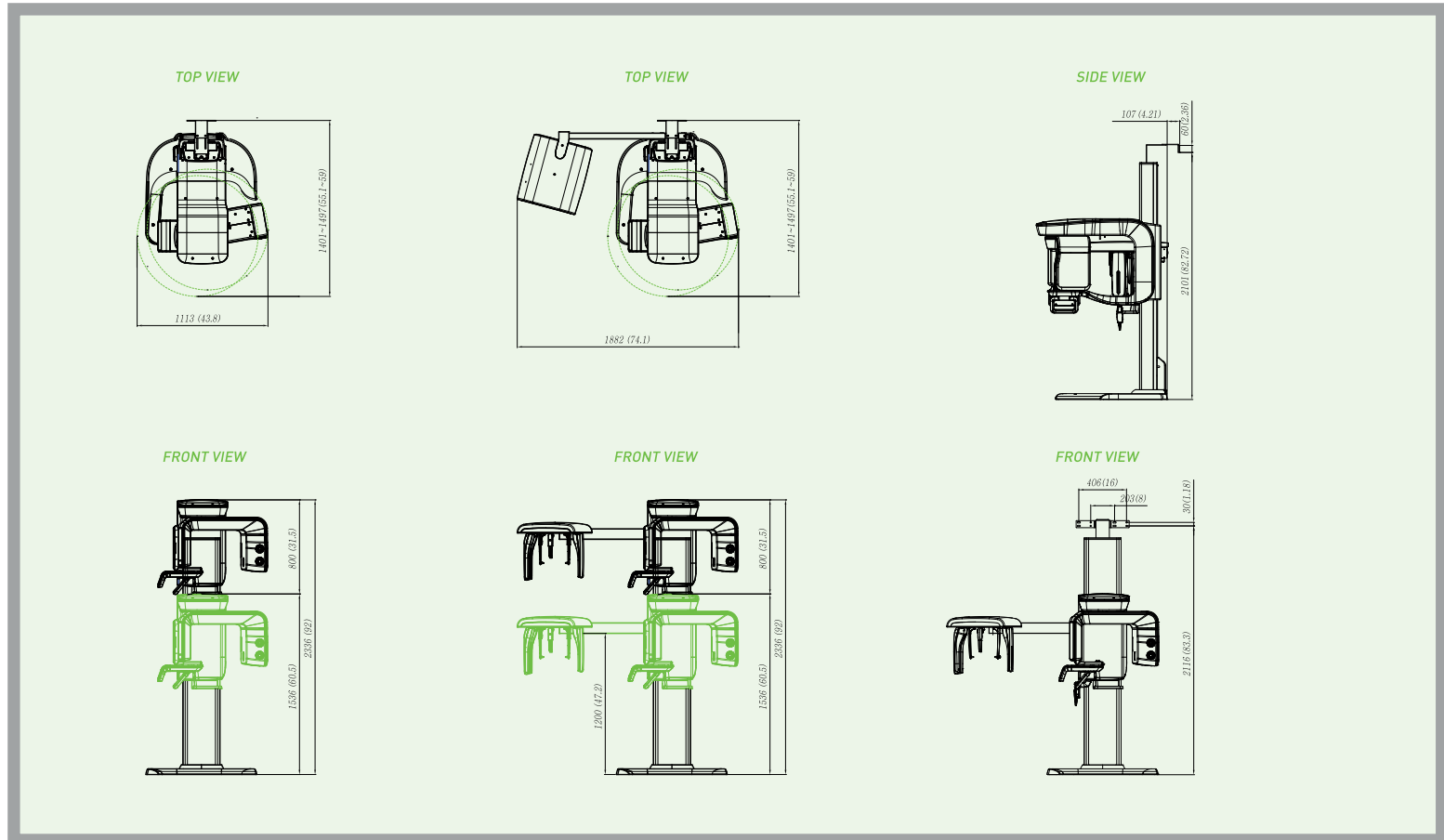


PaX-i3D *Smart*

GREEN

SMART

Dimensions [Unit: : mm (inches)]

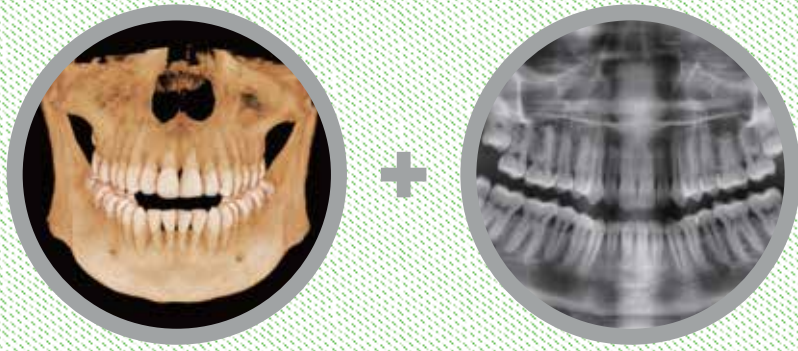


Product Configuration

	CBCT	PANO	CEPH	
			SCAN	ONE SHOT
PaX-i3D Smart	•	•	—	—
PaX-i3D Smart SC	•	•	•	—
PaX-i3D Smart OP	•	•	—	•

Specifications (PaX-i3D Smart : PHT-30LF0)

Function	CT(with Auto Pano) + Pano + Ceph	
Focal Spot	0.5mm	
CT FOV Size	10 x 8.5cm / 10 x 7cm	
Voxel Size	0.2mm / 0.3mm	
Scan Time	CT	18.2 sec
	Pano	13.6sec / 7sec (Optional with Magic PAN)
	Ceph	Scan : 12.9 sec , One-Shot: 0.7 sec
Gray Scale	14bit	
Tube Voltage / Current	50-99kVp / 4-16mA	



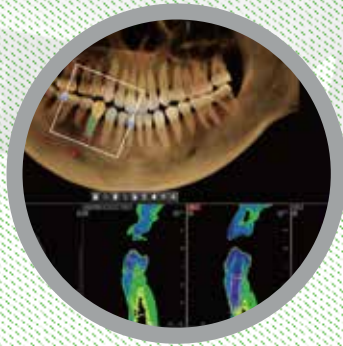
1 SCAN, 2 IMAGES



ANATOMICAL FOV 12x9



SMART MAR SOLUTION



REAL 3D SOFTWARE Ez3D-i

Green Innovation for Low Dose



1 Scan, 2 Images

One scan with a PaX-i3D Smart gives you not just a CT image but also an Auto Pano image. This means, patients who require both images do not need to undergo two X-ray scans. Also, CT and Auto Pano images are displayed within the One Viewer feature.

(Available on Ez3D-i V4.0)



Conventional panorama mode is also provided.



Low Dose AND High Image Quality

Increasing image quality with a higher radiation level is easy to do; reducing image quality with a lower radiation level is easy to do. As the pioneer of the Green CT, VATECH's Green technology reduces the radiation level of the PaX-i3D Smart without reducing image quality.

- Implant Treatment Dose Exposure (CBCT + PANO)

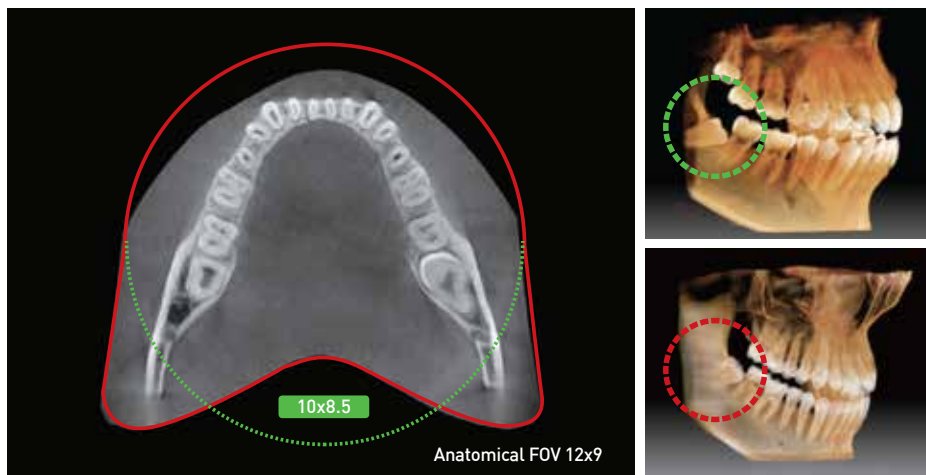


Smart Innovation for Accurate Diagnosis



Anatomical FOV 12x9

The innovative FOV of the PaX-i3D Smart provides an arch-shaped volume, which shows a wider view of dentition compared to other devices of the same FOV. Normally, a FOV 10x8.5 image shows tooth #8. However, when the tooth is lying on its side, there is a high possibility that the tooth will be cut out of the image. The “arch-shaped volume” eliminates this possibility and shows the hidden dentition area.



SMART MAR

Practitioners want to diagnose with a CBCT that doesn't get affected by metal artifacts and while still producing high 3D image quality. SMART MAR provides this powerful capability to its users.



Smart Innovation for New 3D Era



Real 3D Software, Ez3D-i

Ez3D-i supports the whole process of a surgery.

Specialized functions for diagnosis and consultation provides convenience for all.



Diagnosis

- High Quality of VR
- Smart Clipping
- One Click Section



Simulation

- 3-Step Implant Simulation
- Top-down Implant Simulation
- Implant Collision Detector



Consultation

- Implant Clipping
- 3D Bone Density
- EzCodi

→ Auto Cross-sectional [3D PAN] Tab

The [3D PAN] Tab of Ez3D-i makes everything quick and smart.

With a volume panorama mode, Ez3D-i makes lingual-side diagnosis possible. Also, locating a lesion during an endodontic treatment is effective and accurate from this view, whether it is near the apical or not.



[3D and 2D in One Viewer]

- No need to utilize 2 different software programs
- Help patients better understand the images

[One-Click Region of Interest Navigation]

- Takes 1 sec for cross-sectional images
- No need for complicated training courses

[Implant Simulation with 3D PAN]

- Easy multi-implant simulation
- Insertion of implant, based on a restoration
- Various modes for exact bone density