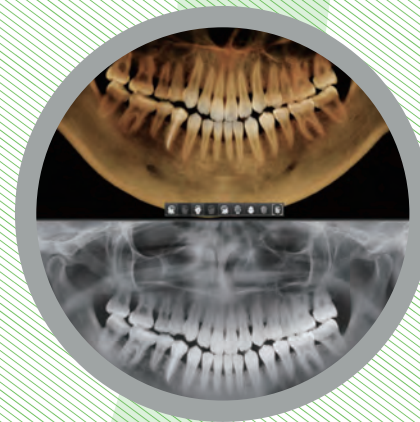


ANATOMICAL
FOV 12x9



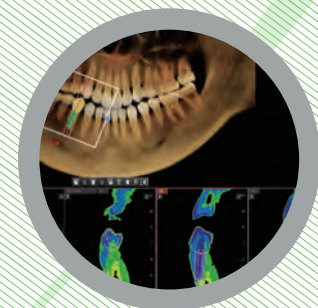
1 CLICK, 2 SCAN



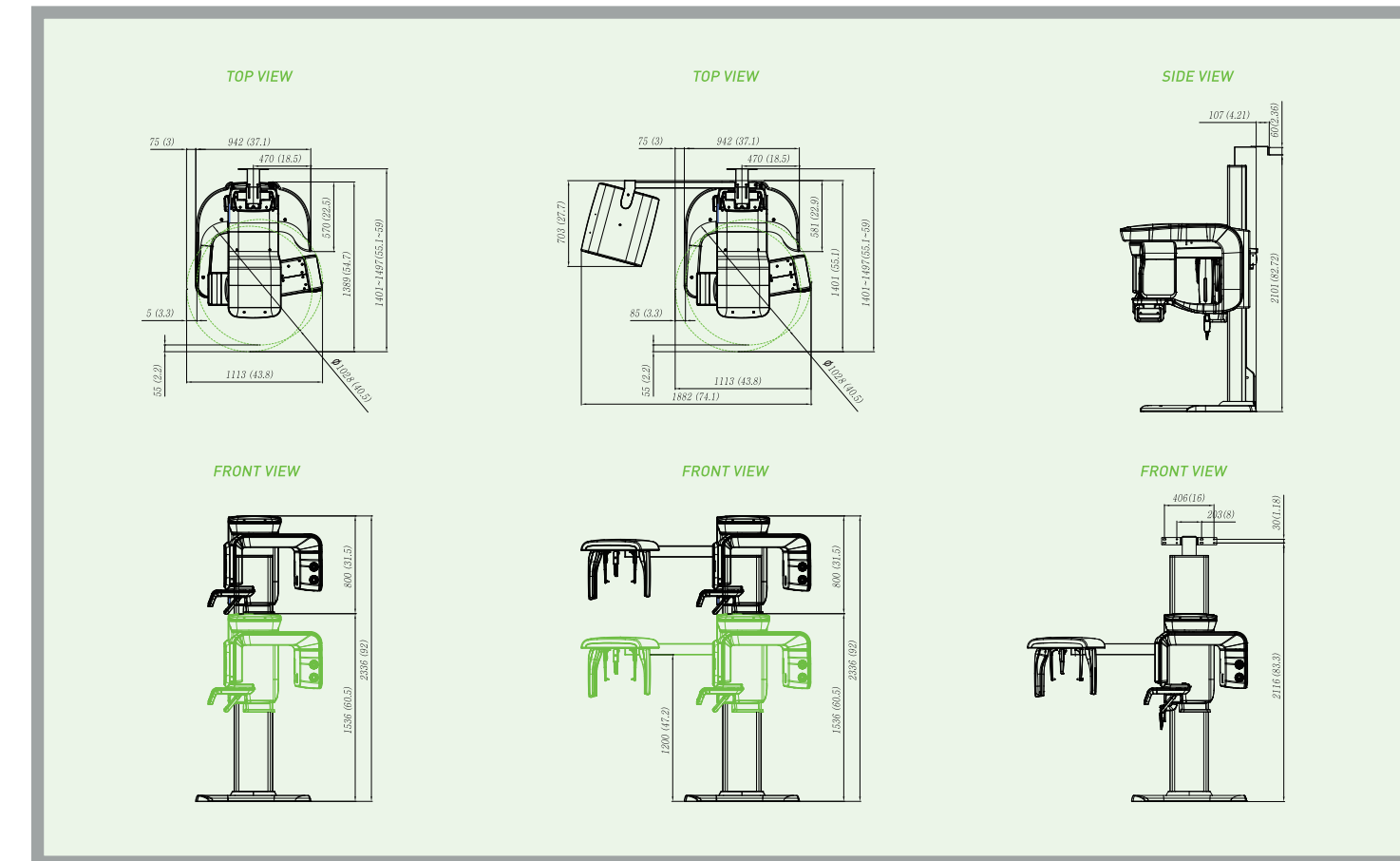
SMART MAR
SOLUTION



REAL
3D SOFTWARE
Ez3D-i



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 : PTH-30LFO)

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	18sec
	Pano	13.6sec / 7sec (Optional with Magic PAN)
	Ceph	Scan : 12.9sec / 8.1sec, One-Shot : 0.9sec
Gray Scale		14bit
Tube Voltage / Current		50~99kVp / 4~16mA



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Dental Pioneer
VATECH
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THE PREMIUM CHOICE
FOR GENERAL PRACTITIONERS.

PaX-i3D Smart

“Simplicity is the Ultimate
Sophistication.” - Leonard Da Vinci

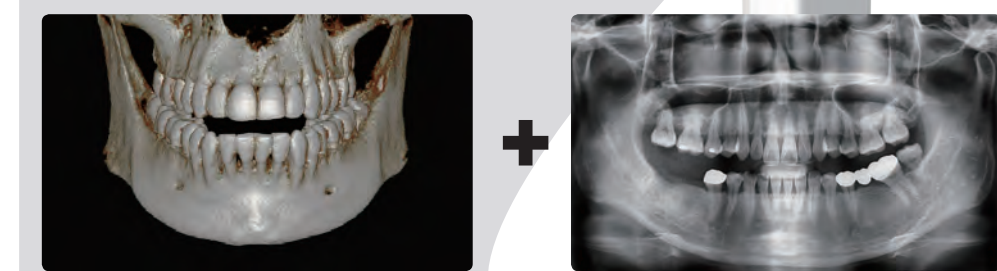


Green Innovation for Low Dose



1 Click, 2 Scan

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 provided.



[3D and 2D in One Viewer]

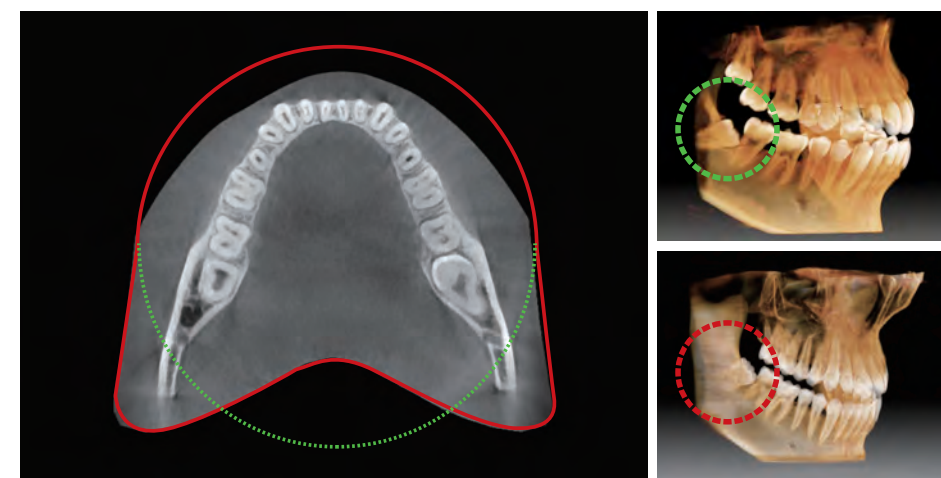
Viewing 2D and 3D images together provides many benefits. There is no need to utilize two different software programs and the One Viewer feature presents a professional look for your patients. This layout helps patients better understand the images, which will eventually result in increasing acceptance rates.

Smart Innovation for Accurate Diagnosis



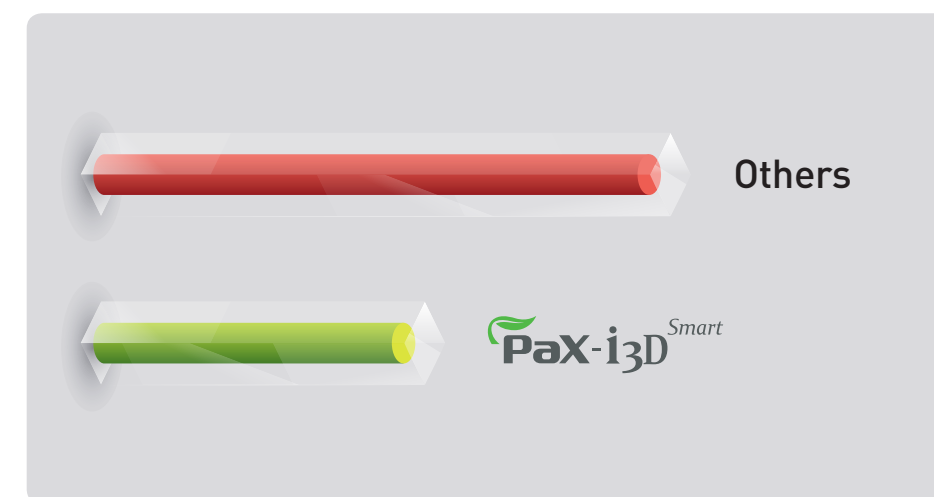
Anatomical FOV 12x9

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.



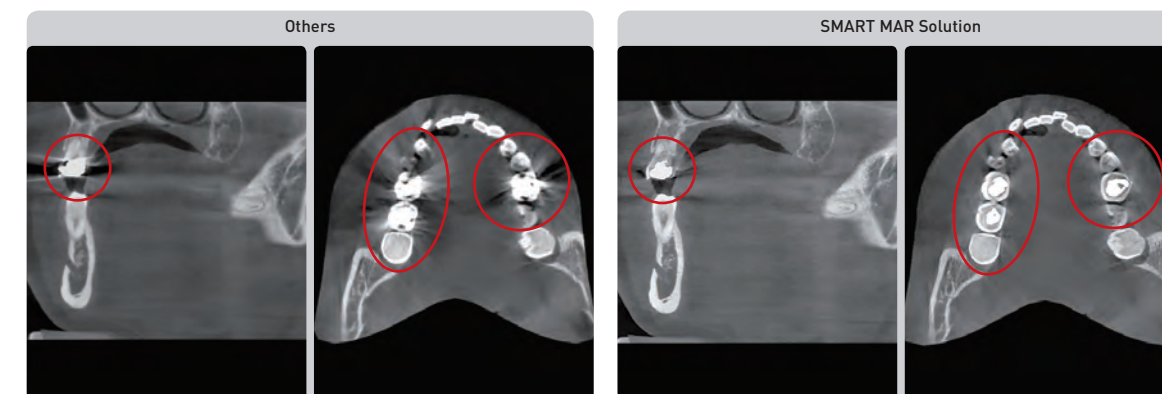
Low Dose AND High Image Quality

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.



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.

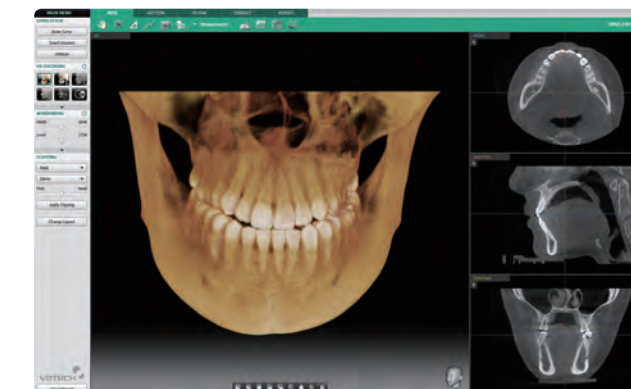


Smart Innovation for New 3D Era



Real 3D Software, Ez3D-i

Ez3D-i supports the whole process of a surgery. Specialized functions for diagnosis and consultation provides convenience for all.

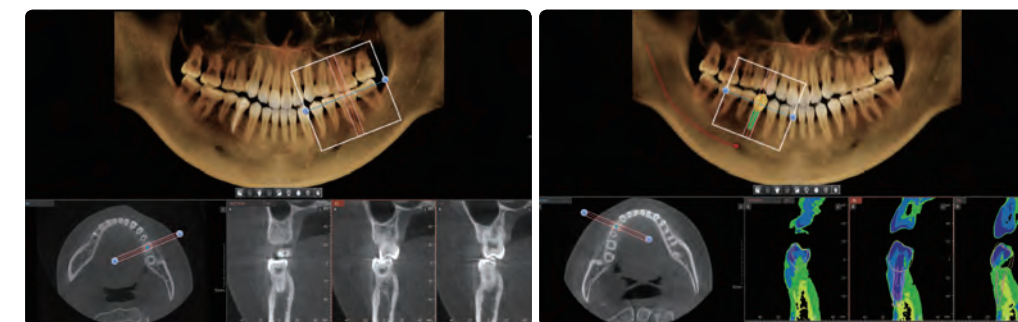


※ Integration with 3DDX is available.

	Diagnosis	<ul style="list-style-type: none"> · High Quality of VR · Smart Clipping · One Click Section
	Simulation	<ul style="list-style-type: none"> · 3-Step Implant Simulation · Top-down Implant Simulation · Implant Collision Detector
	Consultation	<ul style="list-style-type: none"> · 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.



[One-Click Region of Interest Navigation] [Implant Simulation with 3D PAN]

- Takes 1 sec for cross-sectional images
- No need for complicated training courses
- Easy multi-implant simulation
- Insertion of implant, based on a restoration
- Various modes for exact bone density

| One-Time Reconstruction Method |

| Interactive Reconstruction Method |