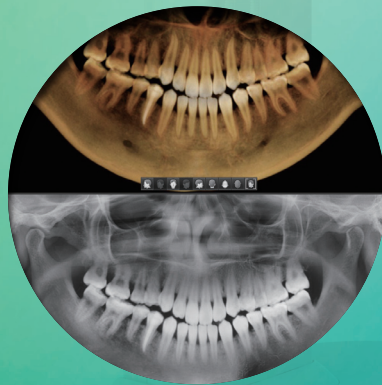


**THE PREMIUM CHOICE  
FOR GENERAL PRACTITIONERS.**



**Pax-i3D** *Smart*



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





## Green Innovation for Low Dose



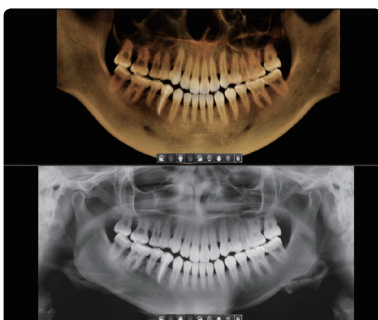
### 1 Click, 2 Scan

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.

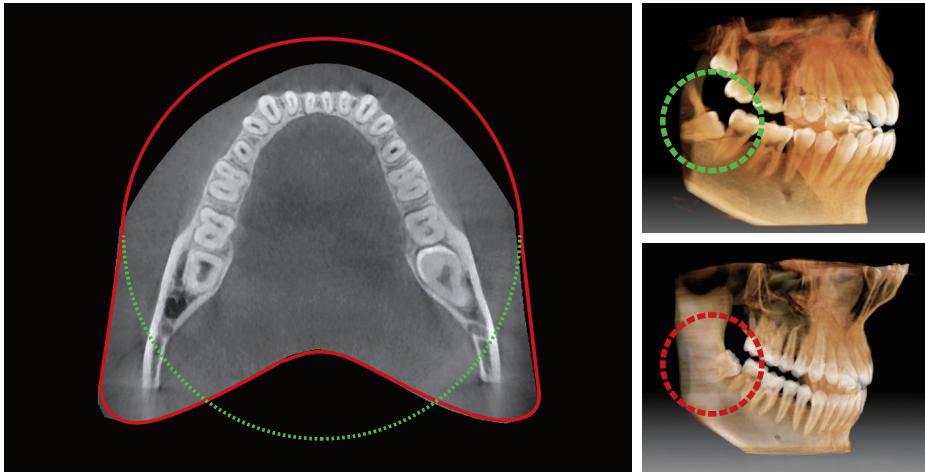


# Smart Innovation for Accurate Diagnosis



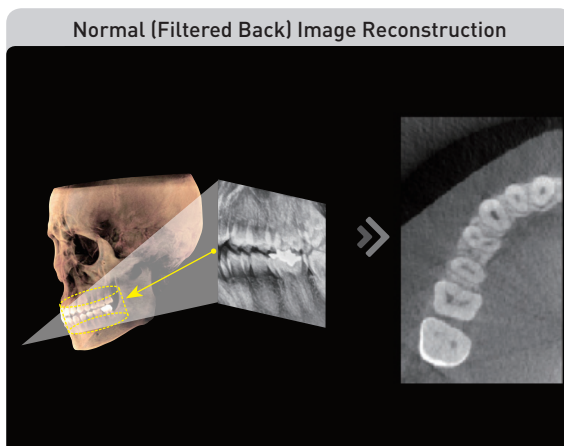
## Anatomical FOV 12x9

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.

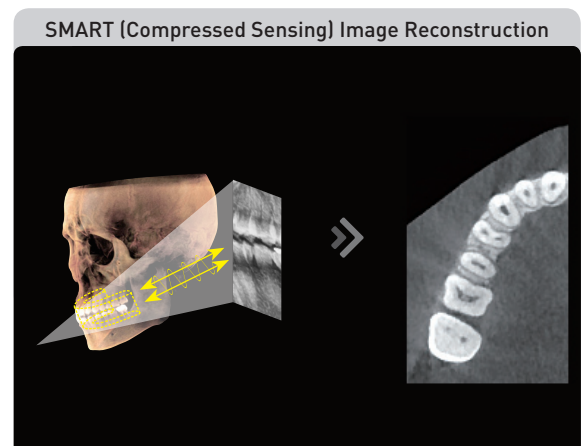


## SMART Image Reconstruction

3D image quality is dramatically improved based on the innovative image reconstruction technology.



| One-Time Reconstruction Method |



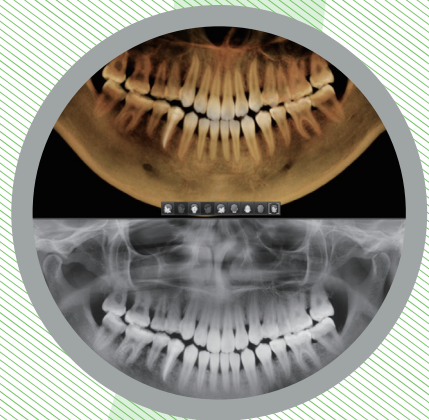
| Interactive Reconstruction Method |



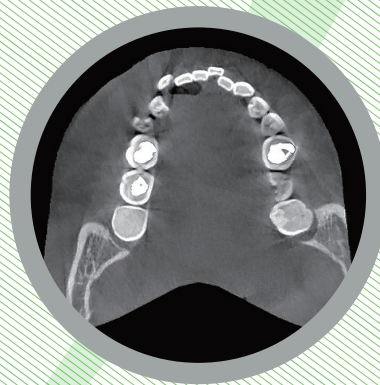
**ANATOMICAL**  
FOV 12x9



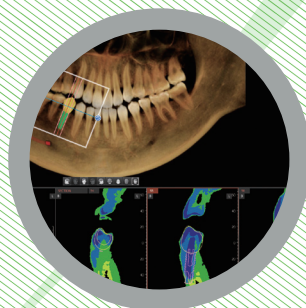
**1 CLICK, 2 SCAN**



**SMART MAR**  
SOLUTION



**REAL**  
**3D SOFTWARE**  
**Ez3D-i**

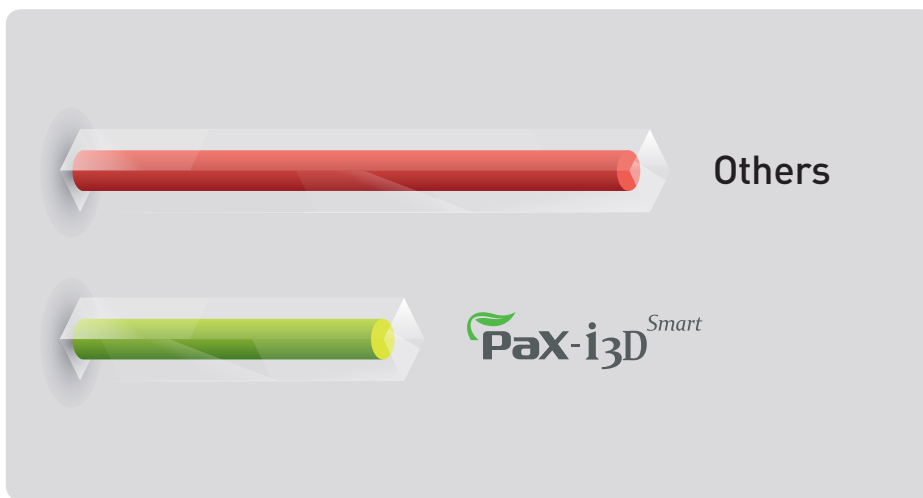






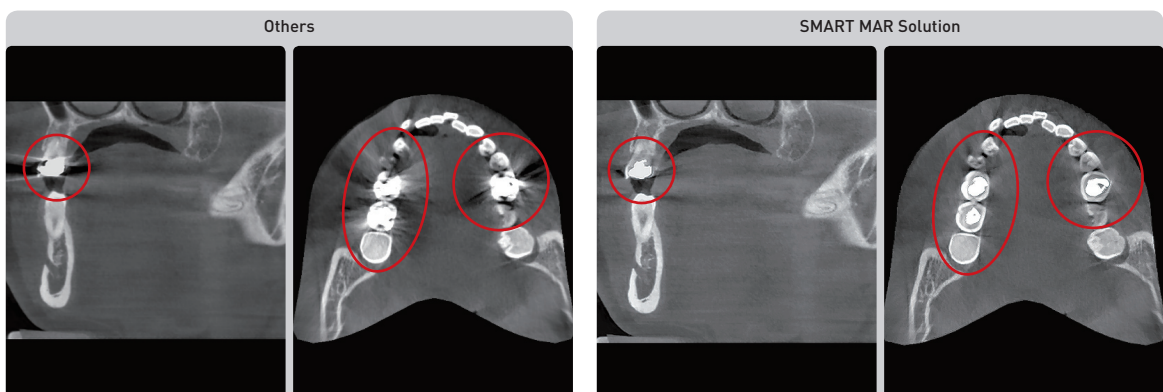
## Low Dose AND High Image Quality

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.





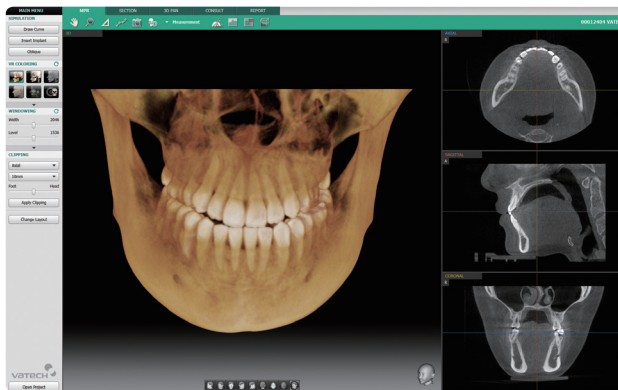
# Smart Innovation for New 3D Era



## Real 3D Software, Ez3D-i

Ez3D-i supports the whole process of a surgery.

Specialized functions for diagnosis and consultation provides convenience for all.



### Diagnosis

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



### Simulation

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



### Consultation

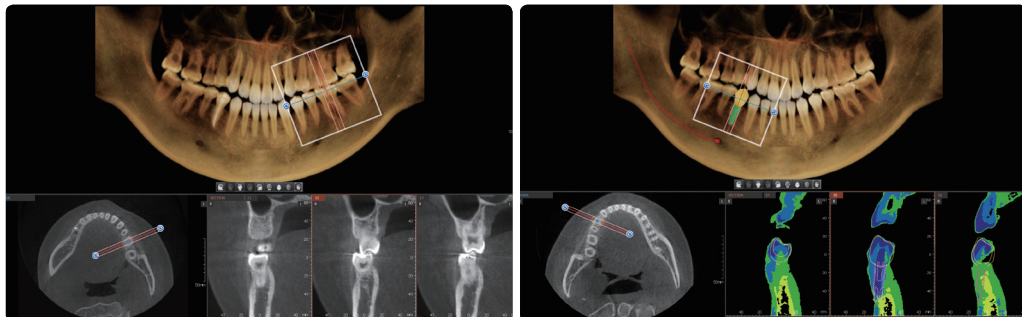
- Implant Clipping
- 3D Bone Density
- EzCodi

※ Integration with 3DDX is available.

## → Auto Cross-sectional [3D PAN] Tab

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

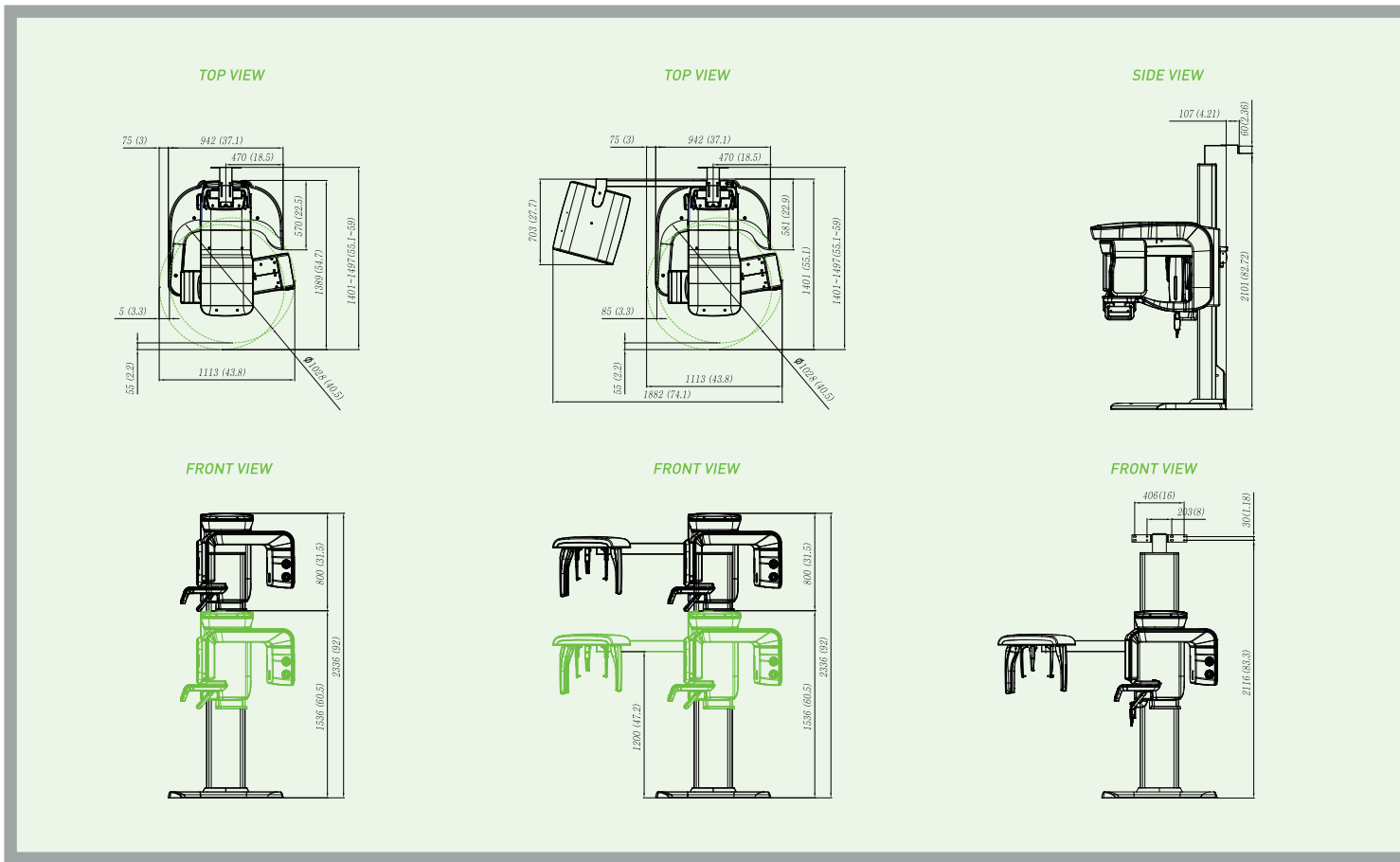
With a volume panorama mode, Ez3D-i makes lingual-side diagnosis possible. Also, locating a lesion during an endodontic treatment is effective and accurate from this view, whether it is near the apical or not.



### [ 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

## 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	