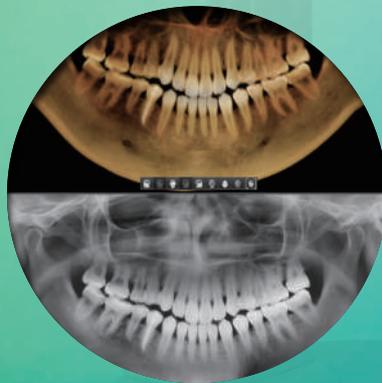


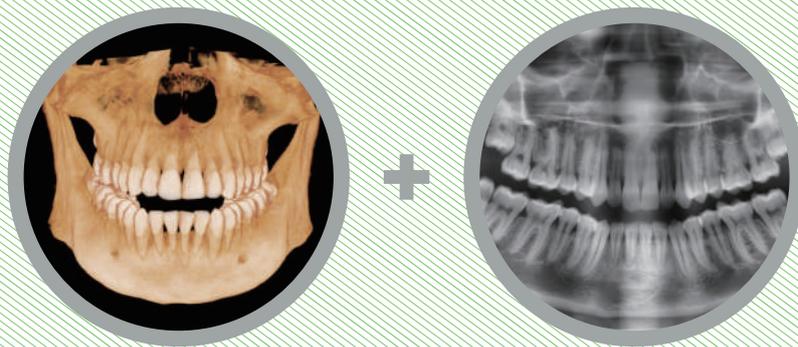
vatech



THE OPTIMUM CHOICE  
FOR IMPLANTOLOGIST



PaX-i3D Smart™



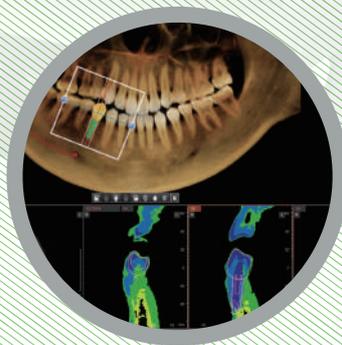
**1 SCAN, 2 IMAGES**



**ANATOMICAL FOV 12x9**



**ART-V**



**REAL 3D SOFTWARE Ez3D-i**

## Green Innovation for Low Dose

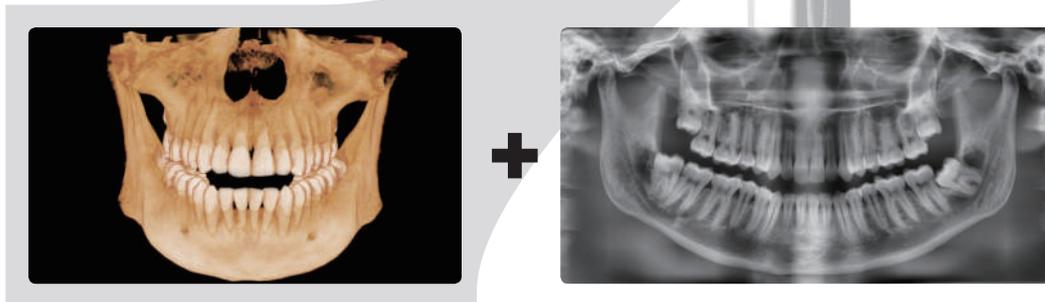


### 1 Scan, 2 Images

One scan with PaX-i3D Smart gives you not just a CT image but also an Auto Pano image, which we are accustomed to.

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 One Viewer.



※ Conventional panorama mode is also provided.

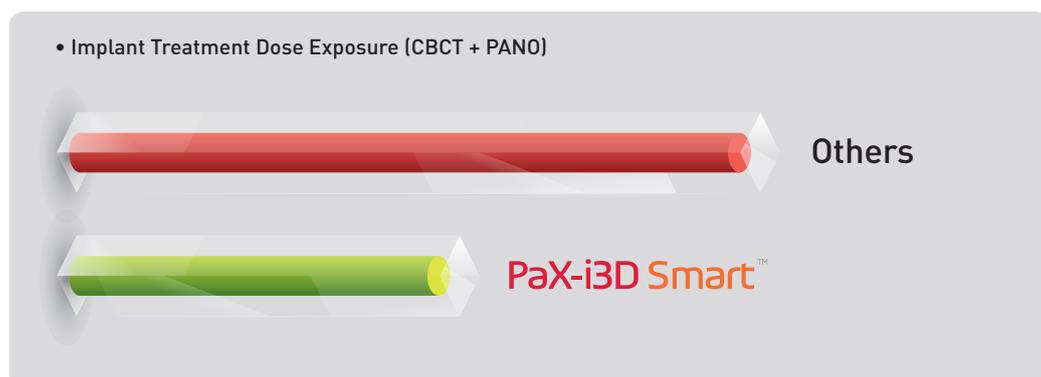


### Low Dose AND High Image Quality

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.

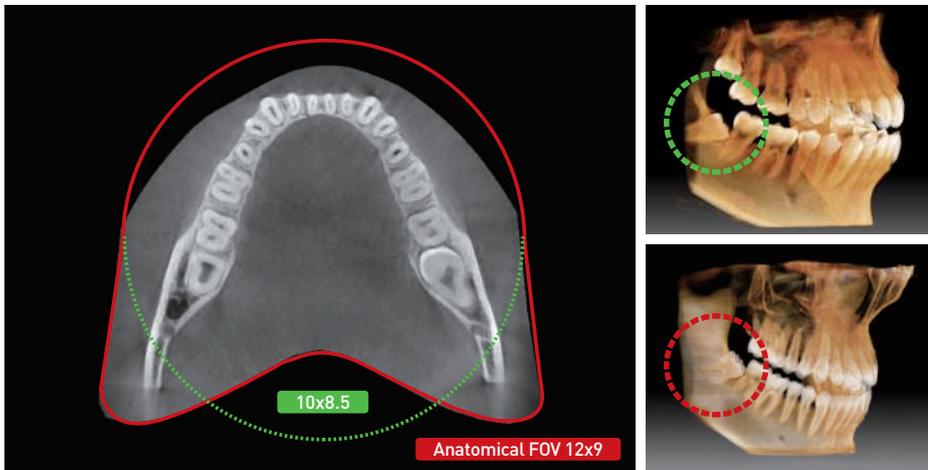


## Smart Innovation for Accurate Diagnosis



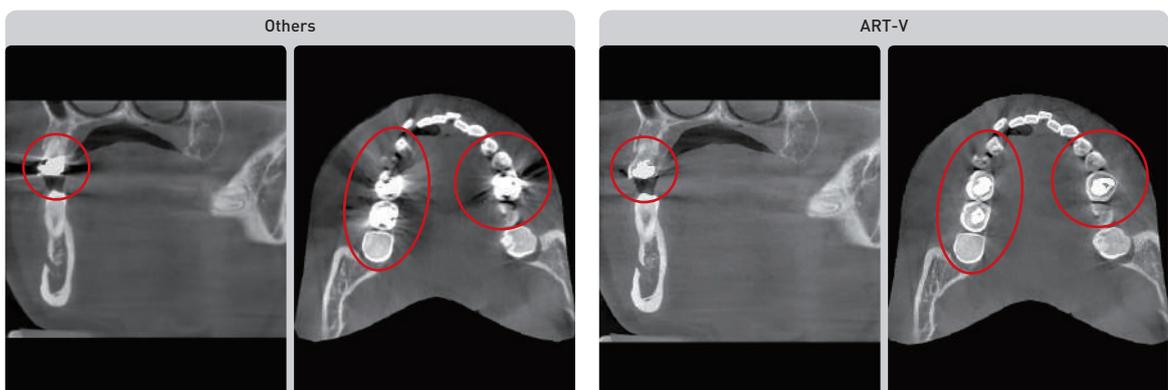
### Anatomical FOV 12x9

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.



### ART-V (Artifact Reduction Technology of VATECH)

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



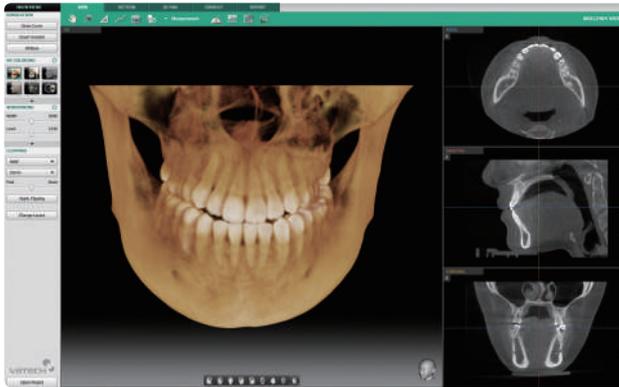
# Smart Innovation for New 3D Era



## 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



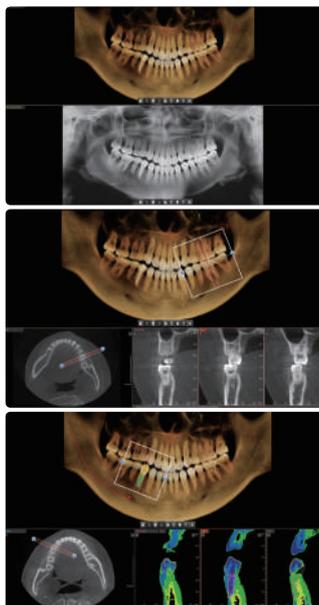
### Consultation

- 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

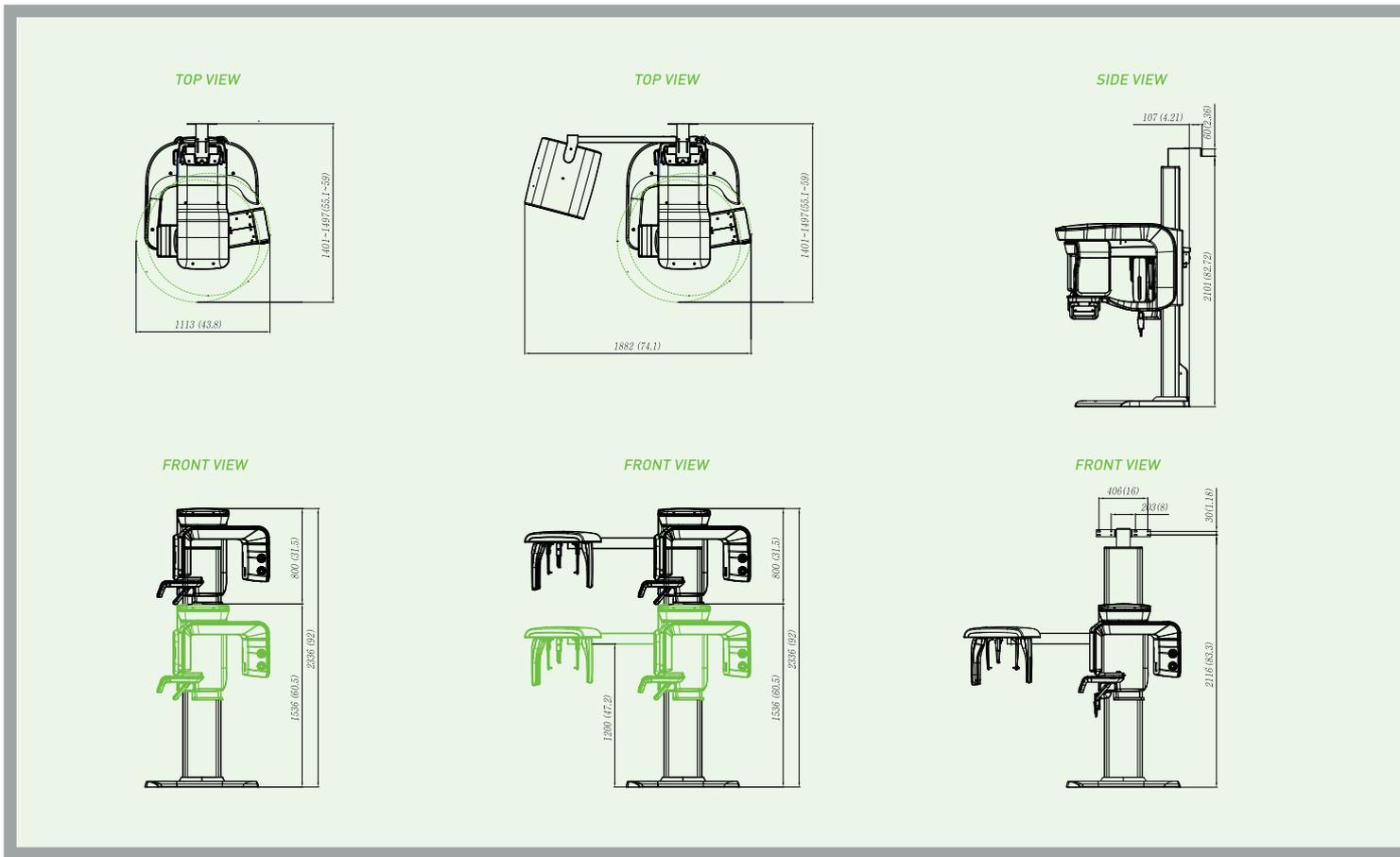
### [ One-Click Region of Interest Navigation ]

- 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

## 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-30LFO)

Function	CT(with Auto Pano) + Pano + Ceph	
Focal Spot	0.5mm	
CT FOV Size	10 x 8.5cm / 10 x 7cm / 5 x 5cm (Optional)	
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	