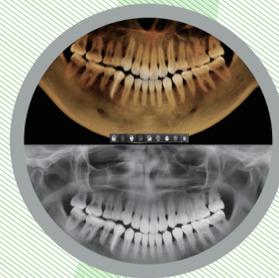


ANATOMICAL  
FOV 12x9



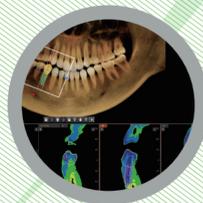
1 CLICK, 2 SCAN



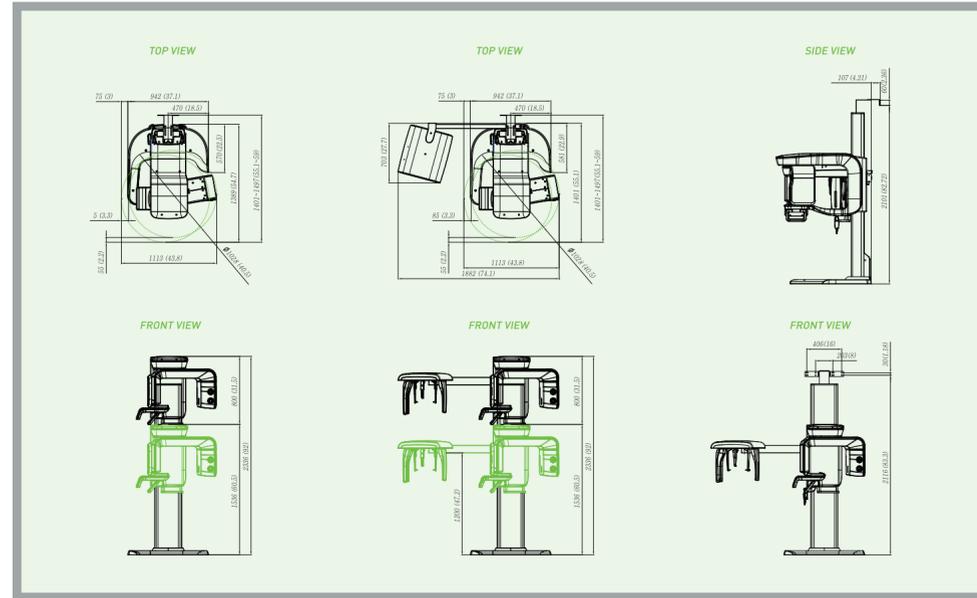
SMART MAR  
SOLUTION



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	



13, Samsung 1-ro 2-gil, Hwaseong-si, Gyeonggi-do, Korea , 445-170  
sales@vatechglobal.com <http://www.vatechglobal.com> 2015 / 03

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**VATECH**  
VATECH Global

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 ]

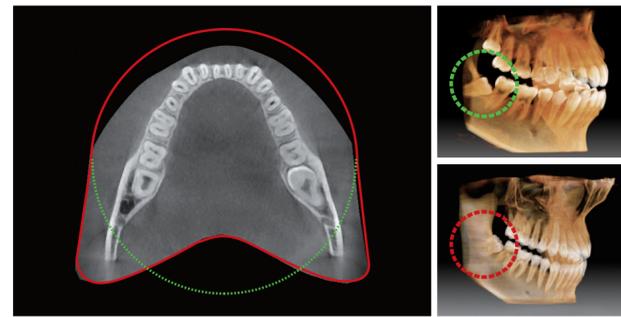
Viewing 2D and 3D images together provides many benefits. There is no need to utilize two different software programs and the One Viewer feature presents a professional look for your patients. This layout helps patients better understand the images, which will eventually result in increasing acceptance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

## Smart Innovation for Accurate Diagnosis



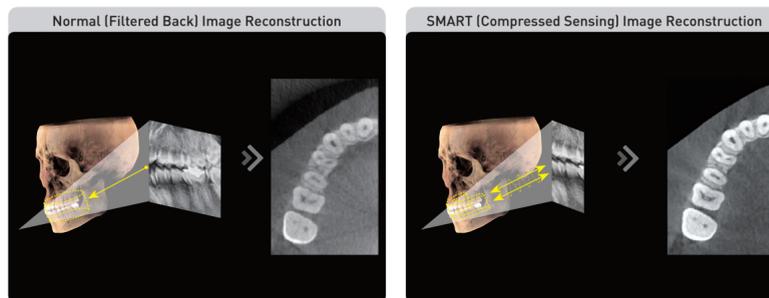
### Anatomical FOV 12x9

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.



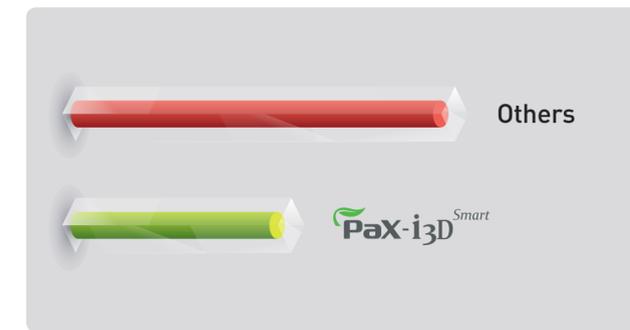
| One-Time Reconstruction Method |

| Interactive Reconstruction Method |



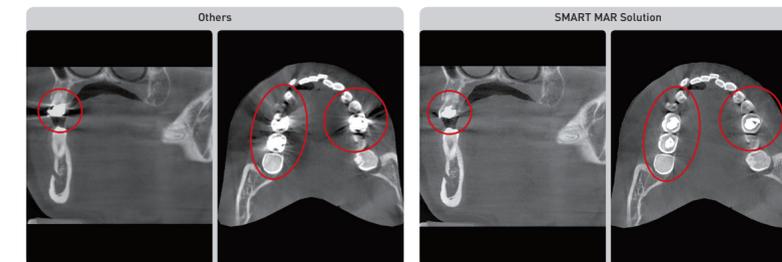
### Low Dose AND High Image Quality

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.

	<b>Diagnosis</b>	<ul style="list-style-type: none"> <li>High Quality of VR</li> <li>Smart Clipping</li> <li>One Click Section</li> </ul>
	<b>Simulation</b>	<ul style="list-style-type: none"> <li>3-Step Implant Simulation</li> <li>Top-down Implant Simulation</li> <li>Implant Collision Detector</li> </ul>
	<b>Consultation</b>	<ul style="list-style-type: none"> <li>Implant Clipping</li> <li>3D Bone Density</li> <li>EzCodi</li> </ul>

### 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