

PaX-i3D^{Smart}



Green CT



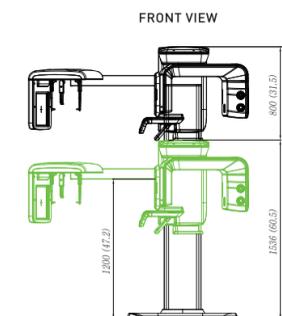
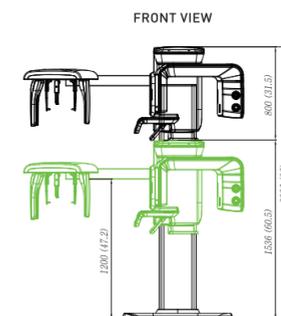
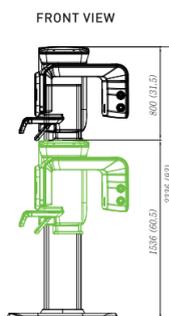
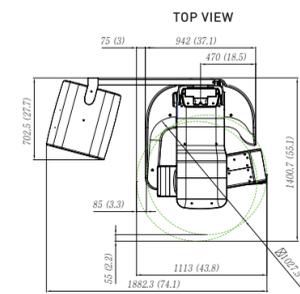
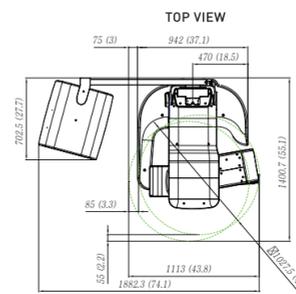
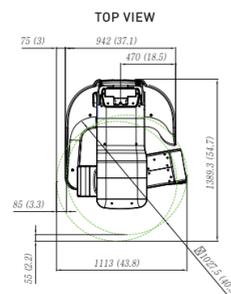
VATECH GLOBAL
PaX-i3D Smart

Specification & Dimensions

Specification

Function	3 in 1 / CT, Pano(Scan & Real), Ceph	
Focal Spot	0.5	
CT FOV Size (cm)	10 x 8.5	
Voxel Size (mm)	0.2 / 0.3	
Scan Time	CT	18 sec
	Pano	13.6 sec
	Ceph	Scan : 12.9 sec / One Shot : 0.7 - 1.2 sec
Recon Time	CT	Max. 90 sec (10 x 8.5 / 0.2 Voxel Basis)
	Pano / Ceph	Within 2 sec
Gray Scale	14 bit	
Tube Voltage / Current	50-99 kVp / 4-16 mA	

Dimensions



Dental Pioneer
vatech
VATECH Global

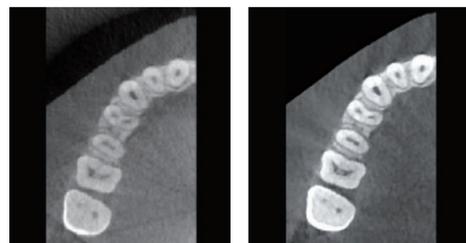
PaX-i3D^{Smart}



3D Imaging Technology

Image Quality Innovation

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

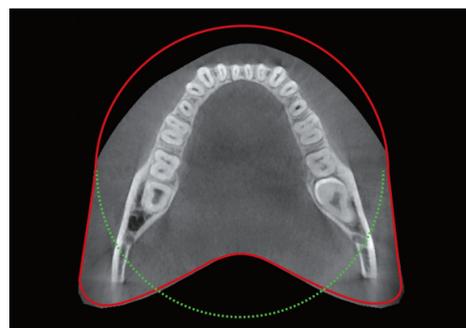


Current CBCT

PaX-i3D^{Smart}

FOV Innovation

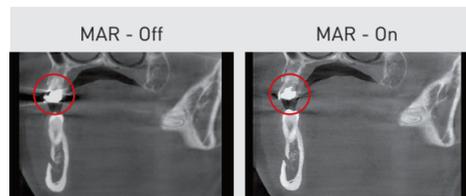
Innovative FOV of PaX-i3D Smart shows wider view of dentition than the same FOV of others.



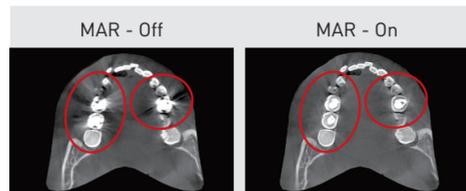
FOV 10x8.5 of PaX-i3D Smart

Current FOV 10x8.5 of others

- PaX-i3D Smart is equipped with AI Auto MAR; it reduces metal artifacts based on characteristics of each different metal.
- MAR on each metal is automatically adjusted.



One crown

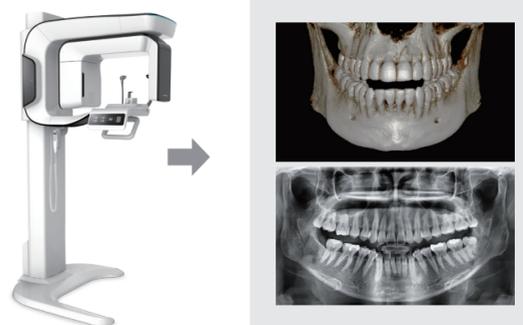


Three crowns

- Artifact-reducing technology enables exact diagnosis.
- Low dose technology takes care of patients' health.

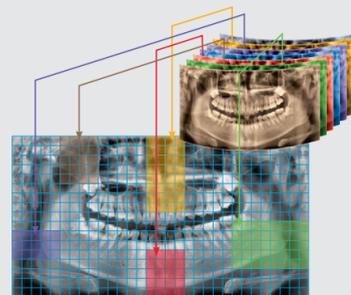
One Scan, Two Images

With one scan, you can have both 3D and advanced 2D images.



MAGIC PAN™ (Optional)

- Auto-Focusing picks best image areas from 21 2D layers and produces a complete top-quality panoramic image.
- Magic Pan image shows clear incisors, TMJ and roots.



2D Imaging Technology

3 in 1 Digital X-Ray System

PaX-i3D Smart provides Panoramic, CT, and Cephalometric images which are suitable for various dental diagnoses.



CT



Panorama



One-Shot Ceph

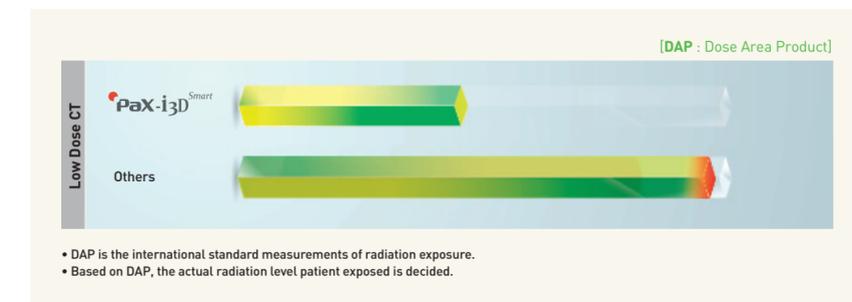


Scan Ceph

Green Technology & Software

Low Dose CT

- VATECH's low dose X-ray technology reduces radiation level of PaX-i3D Smart; 50% lower than other Imaging machines.
- PaX-i3D Smart provides specific imaging mode for children and it is resulted from our efforts to protect children more from radiation.



Specialized Software for Patient Consultation

3D Viewer : Ez3D-i

- Six different 3D image modes including Teeth Mode
- Specialized functions for implant diagnosis and consultation (Real Implant Fixture, 3D Bone Density, Implant Clipping)



2D Viewer : EzDent-i

- 244 clinical visual contents
- Realistic-looking fixtures make your simulation more intuitive and efficient.

