

VATECH is continuously pursuing the world's first products for accurate diagnosis, convenient usage, fast workflow and patient's comfort. As a Dental Pioneer, we will continue to develop advanced products.

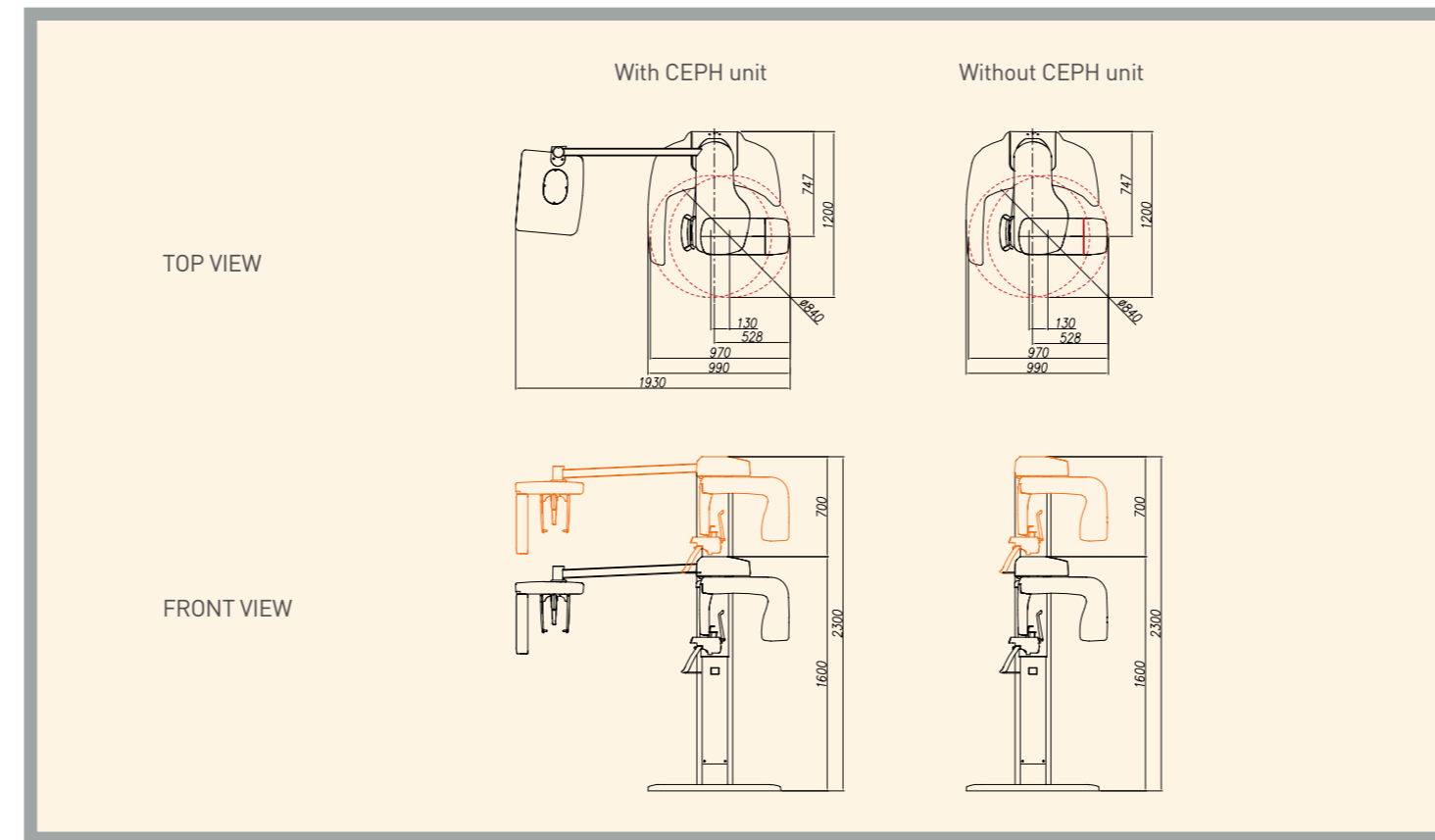
# PaX-i INSIGHT

Beyond 2D, Depth added Panorama

- 1 Insight PAN**
  - Advanced image solution with depth added panorama
- 2 Fast Scan Ceph**
  - 1.9 second short scan time produces superb image quality
  - Reduced motion artifacts and faster workflow
- 3 Superior Image Quality**
  - Optimal image for accurate diagnosis
- 4 User-oriented Software, EzDent-i**
  - Powerful diagnostic value with Insight Navi
  - Complete solution for consultation
  - Easy to learn, easy to use



## Dimensions [Unit: : mm]



## Product Configuration

	PANO	CEPH
PaX-i Insight SP	•	-
PaX-i Insight SC	•	•

## Specifications (PCH-30CS)

Function		Pano + Ceph	
Focal Spot		0.5 mm (IEC60336)	
Scan Time	Pano	Normal	10.4 / 14.0 / 21.0 sec
	Ceph	Insight PAN	10.4 sec
		1.9 / 3.9 sec	
Gray Scale		14 bit	
Tube Voltage / Current		60 ~ 99 kV / 4 ~ 10 mA	
Weight	Without Ceph unit	95 kg (209.4 lbs. - without Base)	
	With Ceph unit	135 kg (297.6 lbs. - with Base)	
Dimensions	Without Ceph unit	120 kg (264.5 lbs. - without Base)	
	With Ceph unit	160 kg (352.7 lbs. - with Base)	
Dimensions	Without Ceph unit	990 mm (L) x 1200 mm (W) x 2300 mm (H)	
	With Ceph unit	1930 mm (L) x 1200 mm (W) x 2300 mm (H)	

\* The specifications are subject to change without prior notice.

**vatech**

13, Samsung 1-ro, 2-gil, Hwaseong-si, Gyeonggi-do, Korea, 18449  
 sales@vatechglobal.com <http://www.vatechglobal.com> 2017 / 04

vatech

Beyond 2D,  
Depth added Panorama

PaX-i Insight™



### Advanced image solution with Insight PAN

Insight PAN provided by PaX-i Insight is a step forward technology from the traditional way of acquiring images along a single focal layer. It acquires multi-layer images and automatically combining them to provide depth information to panoramic image.

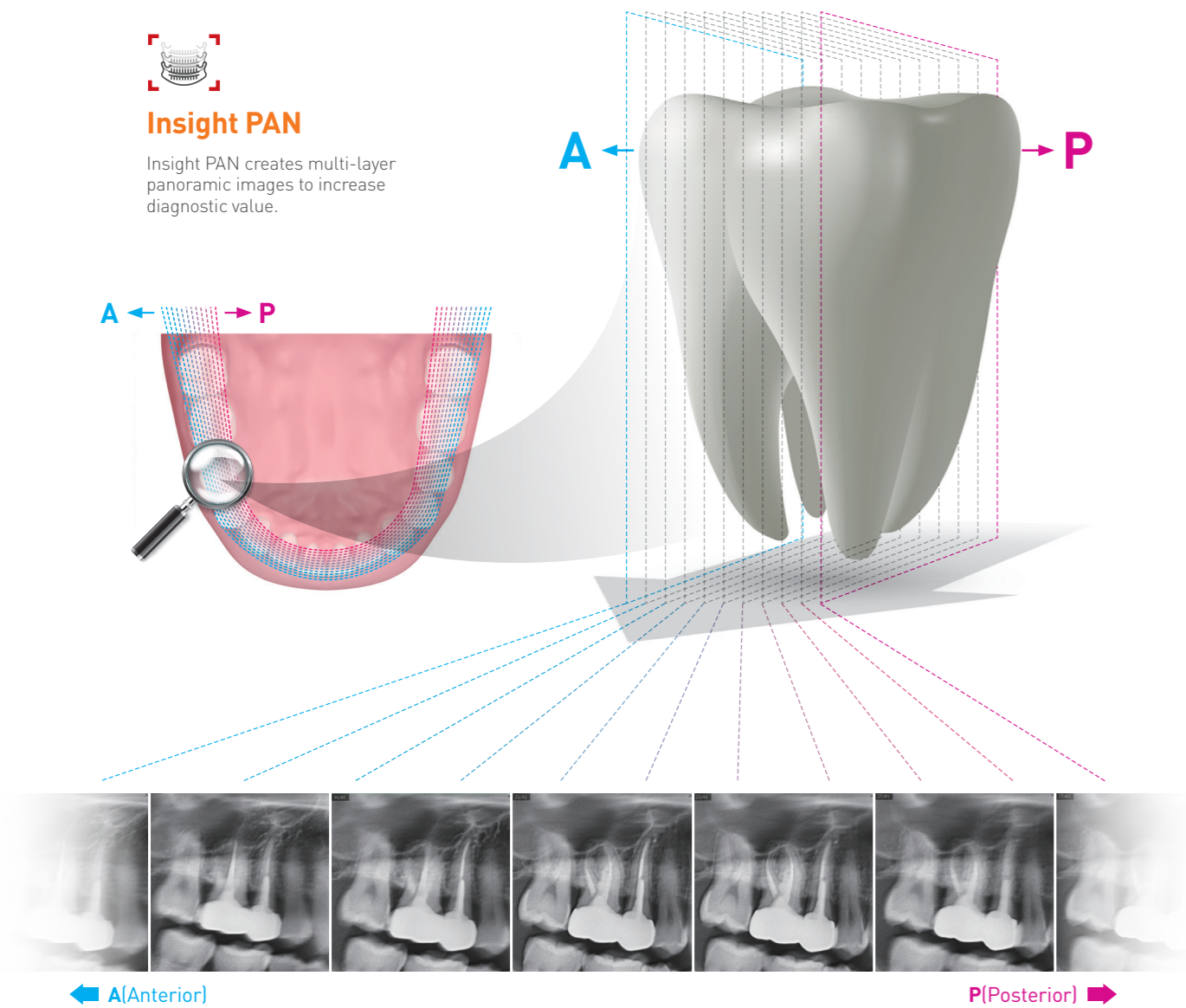
Every patient has different types of arch. For incisor area, the inclination of tooth may differ from person to person. Conventional panoramic image showed overall arch structure on a focal layer so it is difficult to get a clear panoramic image.

Now, Insight PAN serves multi layers which add depth to panoramic image. It allows you to have insight with the depth information.



#### Insight PAN

Insight PAN creates multi-layer panoramic images to increase diagnostic value.



### Fast Scan Ceph significantly reduces motion artifacts

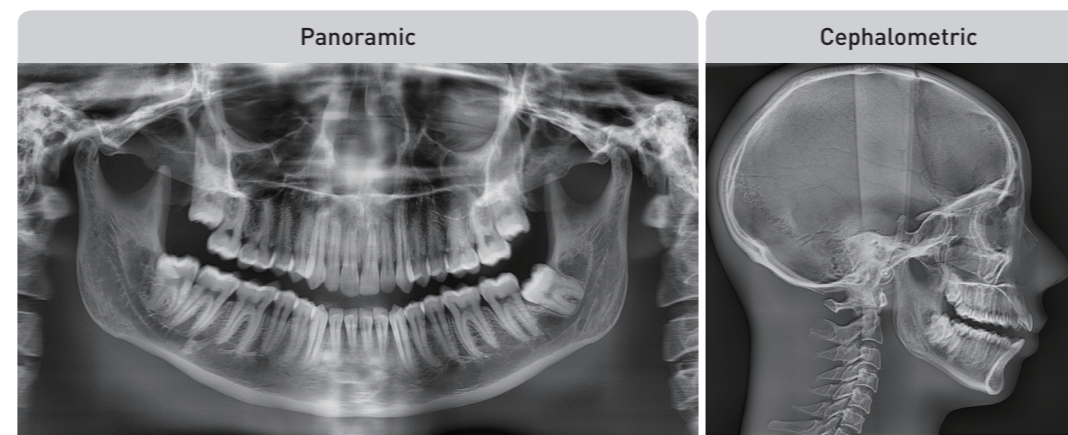
Thanks to fast scan Ceph, PaX-i Insight minimizes motion artifact and enable faster workflow. It also produces superb diagnostic images, which will be a source of pride for dental practice, and improve the safety of your patients. Experience excellent image quality with VATECH's advanced technology.

#### Great Clinical Care with FAST SCAN CEPH INNOVATION



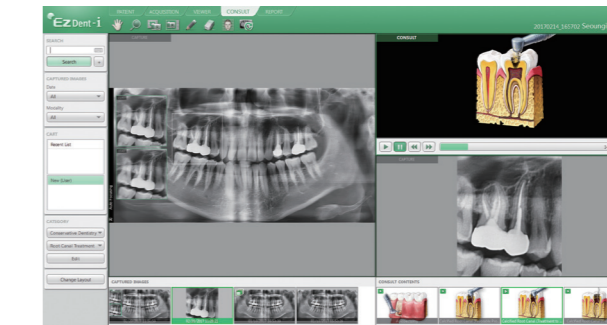
### Superior Image Quality for accurate dental diagnosis

Clear and sharp panoramic and cephalometric images bring you better diagnostics. These consistently high quality images will become the new standard of 2D images.



### Quick and easy 2D dental imaging software, EzDent-i

EzDent-i provides a wide array of functions designed to streamline the dental workflow. It conveniently performs specialized diagnosis and consultation via our easy-to-use user interface.

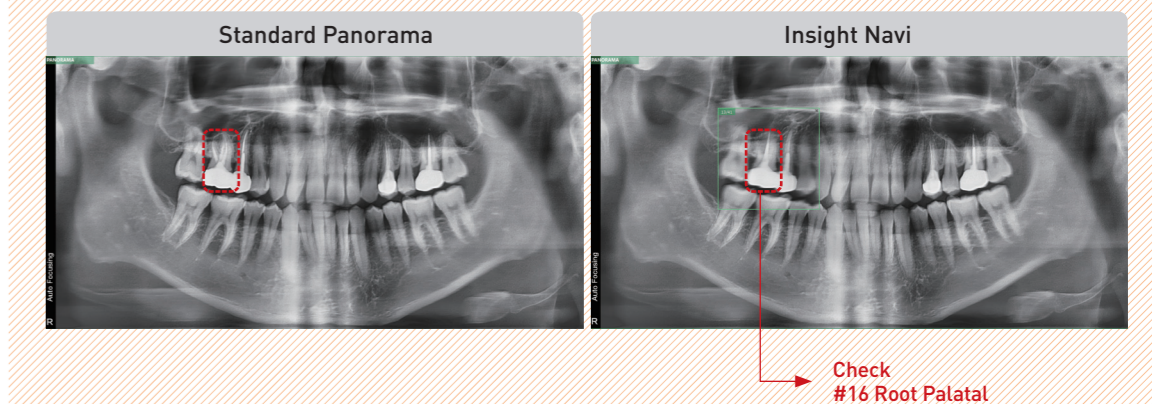


- Diagnosis**
  - Depth information with Insight Navi
- Simulation**
  - 2-click implant simulation
  - Natural tooth whitening simulation
  - Simplified canal tracing
- Consultation**
  - 244 consultation videos
  - Add user-created consultation contents

#### Insight Navi

Insight Navi on EzDent-i is a specialized feature for Insight PAN. It allows you to obtain depth information in both anterior-posterior directions in a panoramic image.

Insight Navi provides extra slices of selected region (ROI). By exploring extra sliced images, you can find mesiobuccal, distobuccal and even palatal roots.



#### INCREASE DIAGNOSTIC ACCURACY WITH EXTRA SLICED IMAGES

With Insight Navi, discover

- Hidden multi roots and canals
- Location of pulp and gutta-percha
- Broken file or root fracture