



 **Pax-i**

Your Partner  
in Digital Success



# Your Partner in Digital Success, PaX-i

1

## Superior Image Quality

- Optimal image for accurate diagnosis

2

## Two Built-in Sensors

- Specialized sensors for Pano & Ceph
- Streamlined workflow and prolonged lifespan of sensors

3

## User-friendly Software, EzDent

- It is the complete solution for your consultations

4

## Modern and Compact Design

- Raise design value of your clinic
- Save installation space in your practice



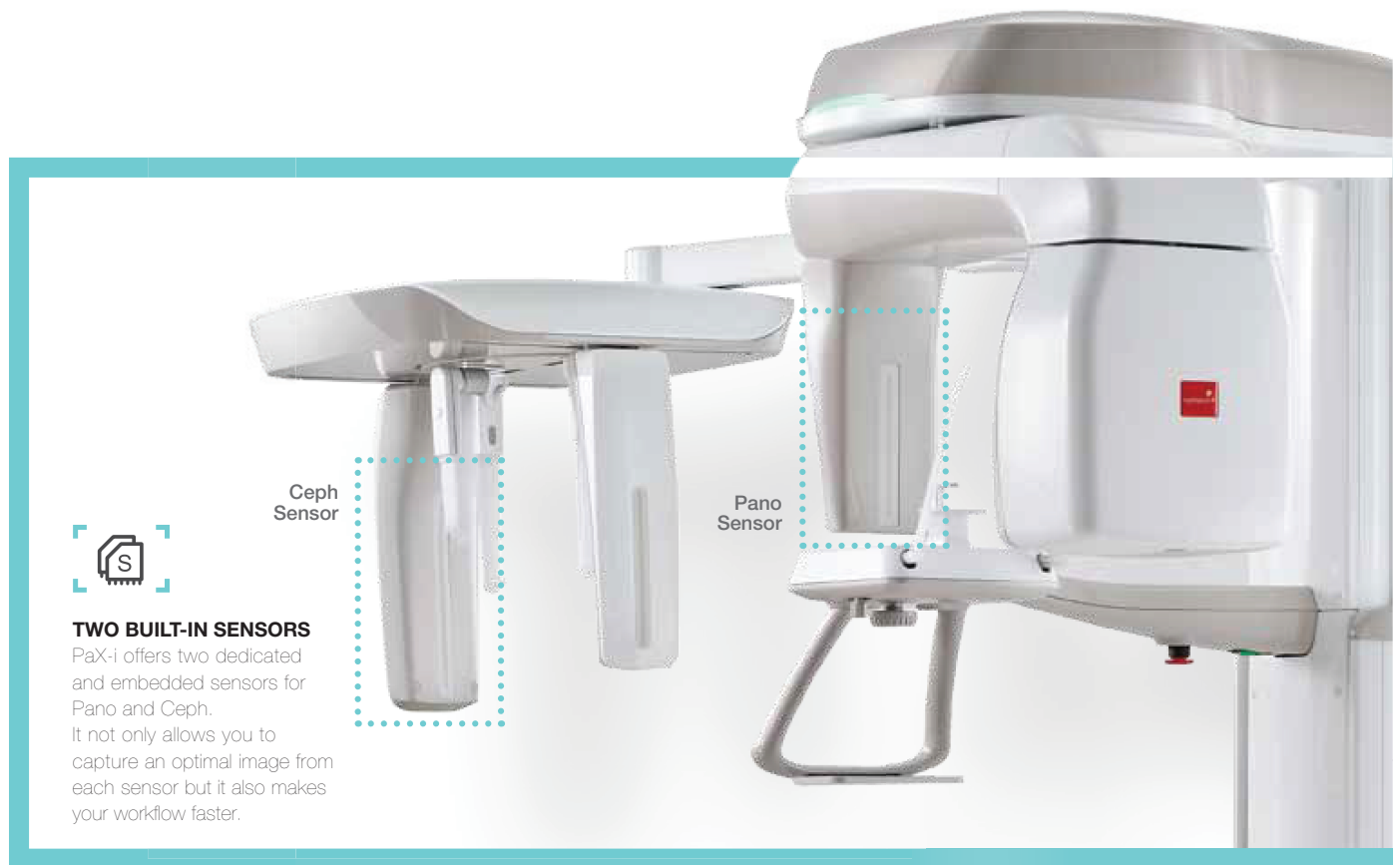
# ADVANCED IMAGE SOLUTION FOR ACCURATE DENTAL DIAGNOSIS

PaX-i provides the most precise and high quality panoramic image by combining imaging processing and accumulated experience in dental imaging from VATECH. It improves your diagnostic accuracy with increased treatment planning and patient satisfaction.



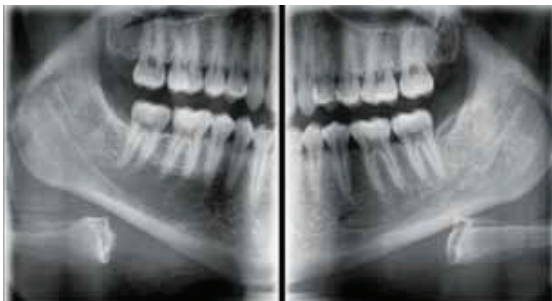
## New standard of panoramic image

Clear and sharp panoramic image brings you better diagnostics.  
Enhanced details especially in the anterior and dental roots can be viewed.  
These consistently high quality images will become the new standard  
of panoramic imaging.



## Make your diagnosis easy and efficient with various capture modes

PaX-i has various capture modes to meet your diagnostic needs. You can choose any capture mode based on your diagnostic needs.



Bitewing mode



TMJ mode

| SELECTION                  | ARCH                            | EXAMINATION MODE   |
|----------------------------|---------------------------------|--|
| <b>PANO EXAMINATION</b>    | Narrow / Normal<br>Wide / Child | Standard / Right / Front / Left  |
|                            | Orthogonal                      | Orthogonal Standard / Right / Front / Left<br>Bitewing Standard / Right / Front / Left |
| <b>SPECIAL EXAMINATION</b> | Normal                          | TMJ LAT Open / Close<br>TMJ PA Open / Close<br>Sinus LAT / PA                          |

# ADVANCED IMAGE SOLUTION FOR ORTHODONTIC DIAGNOSIS

## EXTENDED DIAGNOSTIC VALUE FOR WIDE INSIGHT

### Cephalometric (Scan Ceph)

The PaX-i provides optimal images exclusively designed for orthodontics.

There are two image sizes available, Lateral and Full Lateral, allowing you choose your image size based on your diagnostic needs.

LATERAL



#### LATERAL

Provide specialized high quality images to suit orthodontics and maxillofacial surgeries.

FULL LATERAL



#### FULL LATERAL

Full lateral image size is 30% wider and shows the occipital area of the patient, which enables comprehensive diagnosis.

| Examination Program | Scan Time (sec.) | Image Size          |
|---------------------|------------------|---------------------|
| LATERAL             | 12.9             | 21X23cm (8.3X9.1")  |
| FULL LATERAL        | 16.9             | 27X23cm (10.6X9.1") |





#### ONE SHOT CEPH

With One Shot Ceph, you can acquire high quality images with low X-ray dosage. Plus, short scan time markedly reduces motion artifacts.

#### Cephalometric (One Shot type)

Superior image quality will be delivered using the a-Si TFT sensors.

Three different ceph image sizes reduce unnecessary X-ray dosage and scans the ideal area of cranial anatomy for your diagnosis and treatment planning.

#### LATERAL

##### 23X25cm (9X10")



OS (One Shot Standard)

##### 30X25cm (12X10")



OP (One Shot Premium)

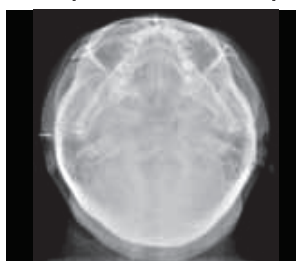
##### PA



##### Carpus



##### SMV (Submentovertex)



## PRODUCT CONFIGURATION

|          | PANO | CEPH |          |
|----------|------|------|----------|
|          |      | SCAN | ONE SHOT |
| PaX-i    | •    | —    | —        |
| PaX-i SC | •    | •    | —        |
| PaX-i OS | •    | —    | •        |
| PaX-i OP | •    | —    | •        |

## SPECIFICATION (PaX-i : PCH-2500)

|                          |   |                        |  |
|--------------------------|---|------------------------|--|
| Function                 | Pano + Ceph   |                        |  |
| Scan Time                | Pano : HD 13.5sec / Normal 10.1sec<br>Ceph : Scan 12.9sec / One-shot 0.9sec | Ceph FOV Size          | SC 21X23cm (8.3X9.1") [LAT,PA,SMV,Waters View,Carpus]<br>27X23cm (10.6X9.1") [Full LAT]<br>OS 23x25cm (9X10") [LAT,PA,SMV,Waters View,Carpus]<br>OP 30x25cm (12X10") [LAT,PA,SMV,Waters View,Carpus] |
| Focal Spot               | 0.5mm   | Gray Scale             | 14 bit   |
| Tube Voltage/<br>Current | 50 - 90 kVp / 4 - 10 mA   | Patient<br>Positioning | Standing / Wheel-Chair Accessible  |

## DIMENSIONS

