Vatech

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
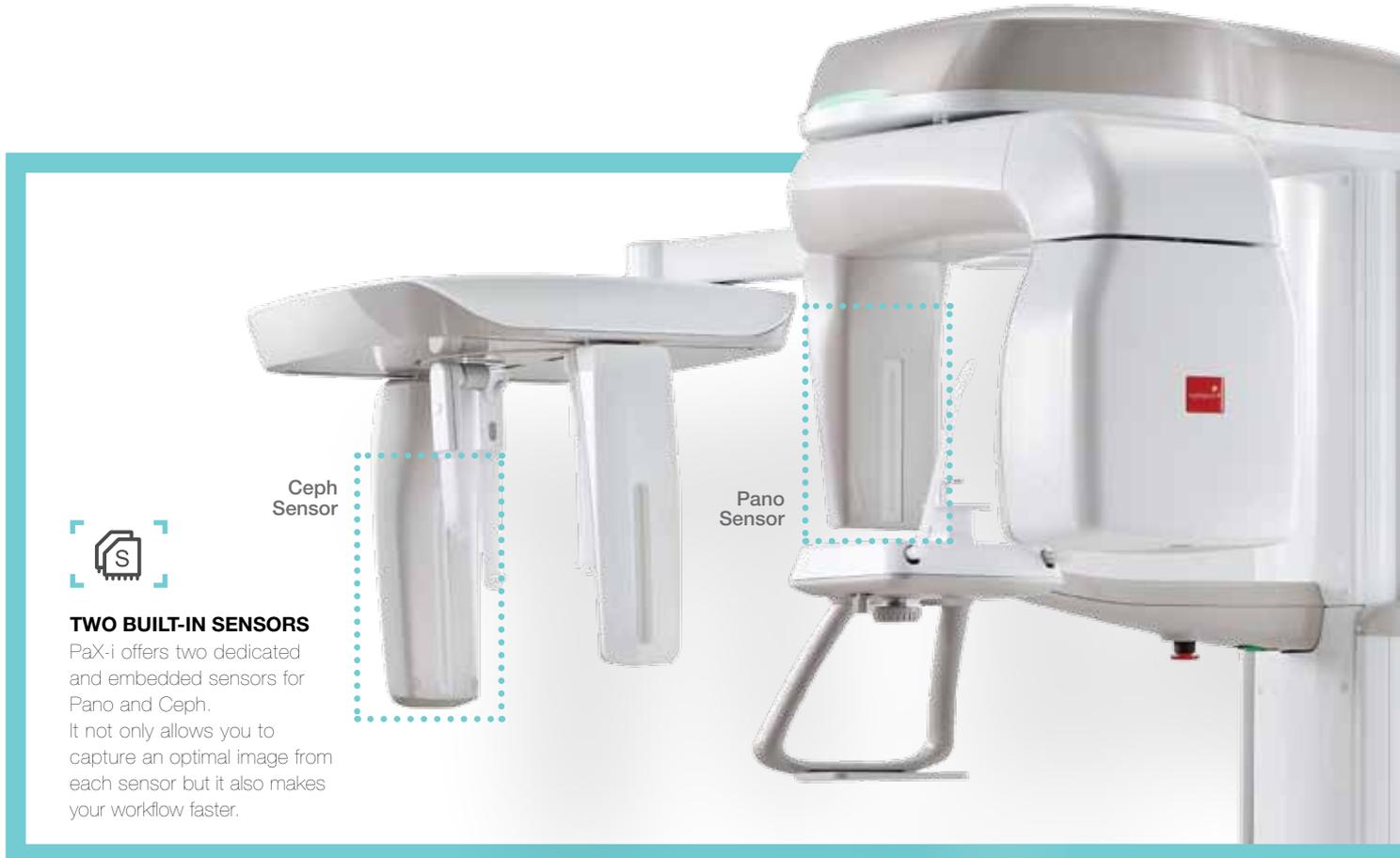- Save installation space in your practice

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.
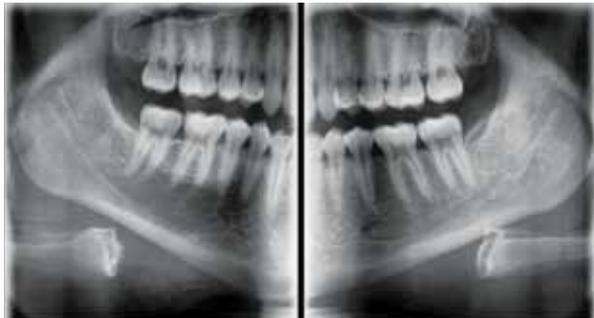
Ceph Sensor

Pano Sensor

TWO BUILT-IN SENSORS

PaX-i offers two dedicated and embedded sensors for Pano and Ceph.
It not only allows you to capture an optimal image from each sensor but it also makes your workflow faster.

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
PANO EXAMINATION	Narrow / Normal Wide / Child	Standard / Right / Front / Left
	Orthogonal	Orthogonal Standard / Right / Front / Left Bitewing Standard / Right / Front / Left
SPECIAL EXAMINATION	Normal	TMJ LAT Open / Close TMJ PA Open / Close 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

FULL LATERAL

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

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

23×25cm (9×10″)

30×25cm (12×10″)

OS (One Shot Standard)

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 13.5 sec / Normal 10.1 sec Ceph : Scan 12.9 sec / One-shot 0.9 sec
Focal Spot	0.5 mm
Tube Voltage/ Current	50 - 90 kVp / 4 -10 mA

Ceph FOV Size	SC 21X23cm (8.3X9.1″) [LAT,PA,SMV,Waters View,Carpus] 27X23cm (10.6X9.1″) [Full LAT] OS 23x25cm (9X10″) [LAT,PA,SMV,Waters View,Carpus] OP 30x25cm (12X10″) [LAT,PA,SMV,Waters View,Carpus]
Gray Scale	14 bit
Patient Positioning	Standing / Wheel-Chair Accessible

DIMENSIONS

PaX-i
Pano

TOP VIEW

528mm (20.8″)
1170mm (46.06″)
974mm (38.35″)

FRONT VIEW

700mm (27.56″)
1600mm (62.99″)
2300mm (90.55″)

PaX-i SC
Pano / Scan Ceph

TOP VIEW

1910mm (75.2″)
528mm (20.8″)
1170mm (46.06″)
974mm (38.35″)

FRONT VIEW

700mm (27.56″)
1600mm (62.99″)
2300mm (90.55″)

PaX-i OS/OP
Pano / One Shot Ceph

TOP VIEW

1916mm (75.43″)
528mm (20.8″)
1170mm (46.06″)
974mm (38.35″)

FRONT VIEW

700mm (27.56″)
1600mm (62.99″)
2300mm (90.55″)