vatech

WORLDWIDE NETWORK

EUROPE Belgium, Bulgaria, Czech, Croatia, Cyprus, France, Germany, Greece, Hungary, Lithuania, Moldova, Austria, Netherlands, Poland, Portugal, Romania, Russia, Slovenia, Slovakia, Spain, Switzerland, Sweden, Turkey, Ukraine, UK

ASIA Bangladesh, Brunei, China, Hong Kong, India, Indonesia, Japan, Malaysia, Pakistan, Philippines, Singapore, SriLanka, Taiwan, Thailand, Vietnam

SOUTH AMERICA Argentina, Bolivia, Brazil, Chile, Colombia, Nicaragua, Paraguay, Peru, Venezuela, Dominica Republic, Ecuador

NORTH AMERICA Canada, Mexico, U.S.A.

OCEANIA Australia

MIDDLE EAST, AFRICA Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Syria, Saudi Arabia, Qatar, U.A.E, Yemen, Egypt, Oman, Palestine, Bahrain, Morocco, Libya, Sudan, Algeria, Tunisia, Kenya, Nigeria, Zambia, Tanzania, Uganda, South Africa

● Subsidiary　● Office　● VATECH HQ

PaX-i ™

Your Partner
in Digital Success

PaX-i,
Your Partner in Digital Success

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-oriented Software, EzDent-i
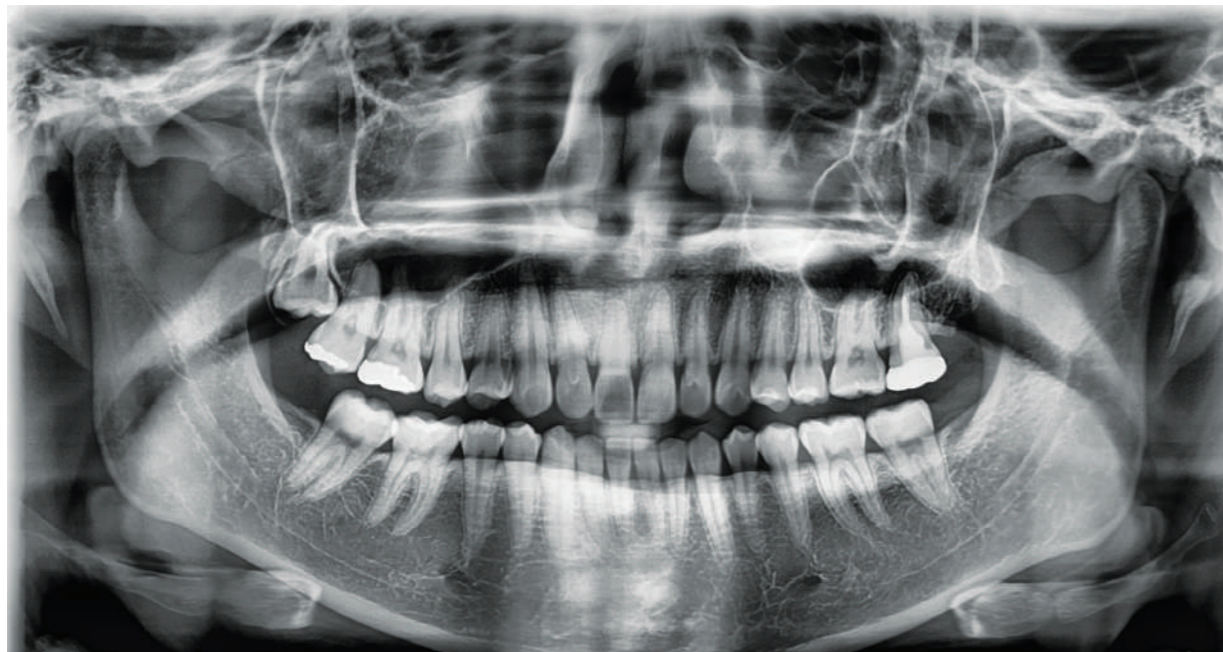- It is the complete solution for your consultation

4
Modern and Compact Design
- Raise design value of your clinic
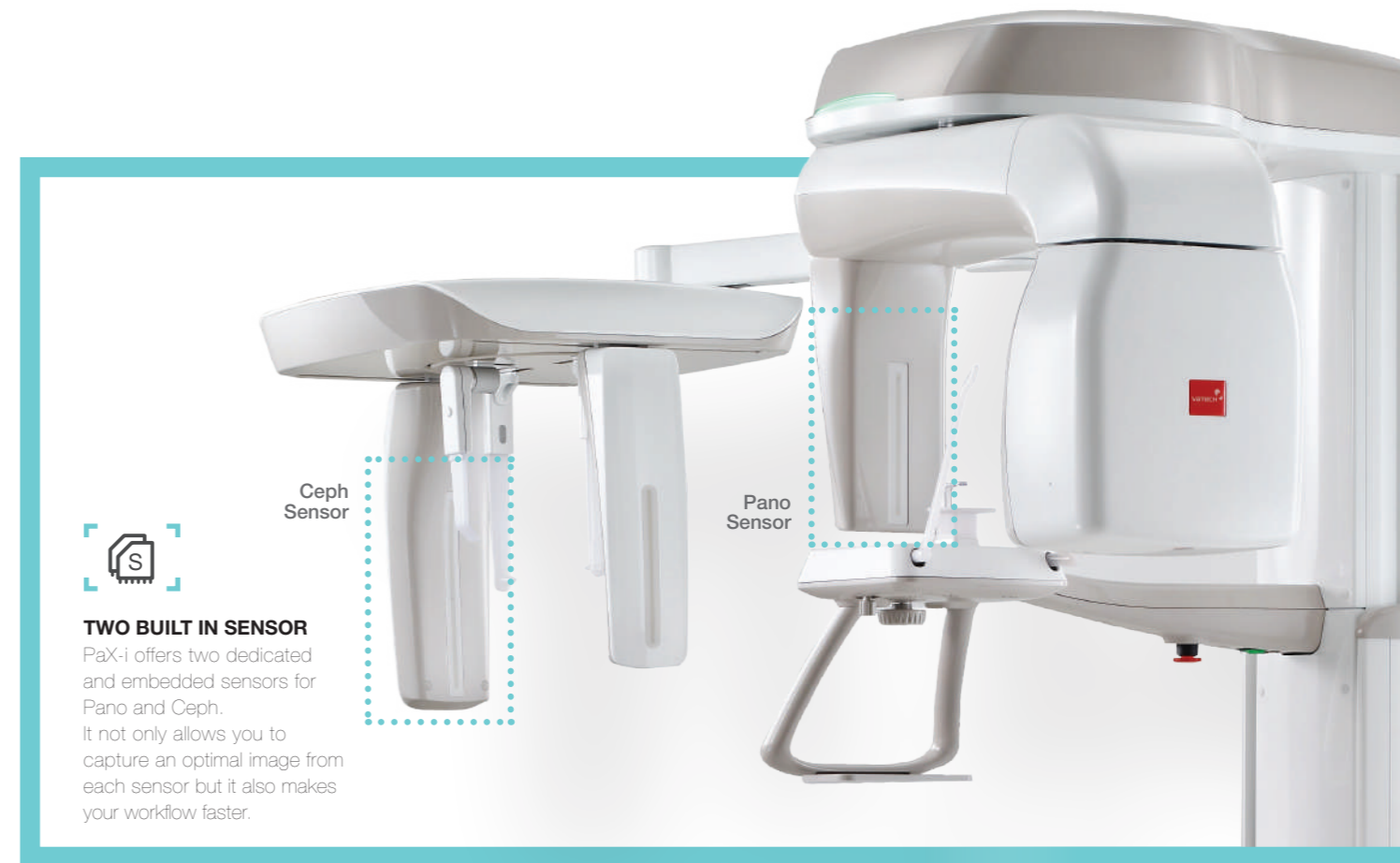- Save installation space in your clinic

ADVANCED IMAGE SOLUTION
FOR ACCURATE DENTAL DIAGNOSIS

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

TWO BUILT IN SENSOR
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.
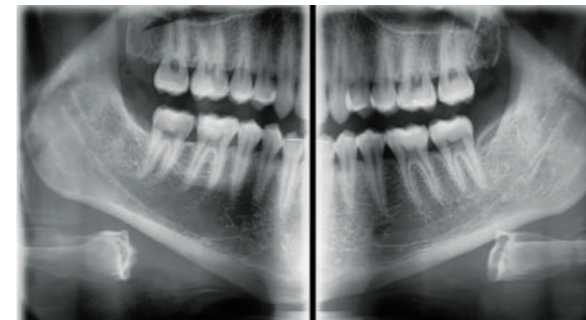
Ceph Sensor

Pano Sensor

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.
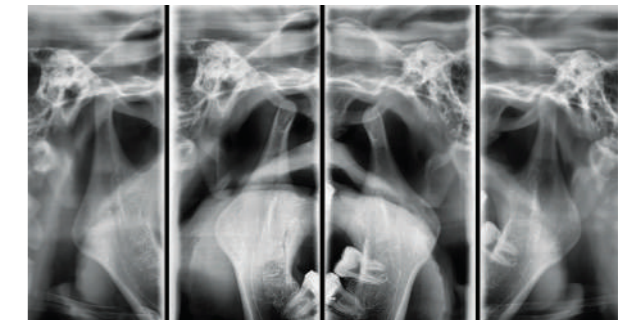
Make your diagnosis easy and efficient with various capture modes

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

Bitewing mode

TMJ mode

SECTION	ARCH	EXAMINATION MODE
PANO EXAMINATION	Narrow / Normal Wide / Child	Standard / Right / Front / Left
	Orthogonal	Orthogonal Standard / Right / Front / Left Bitewing Standard / Right / Incisor / 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

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 (Scan Ceph)
PaX-i provides optimal images with an exclusively designed sensor for cephalometric diagnosis. As it offers two image sizes, LAT and Full LAT, you can choose one of them based on the purposes of your diagnostic needs.

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

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.

LATERAL

SMALL 20x20cm (8x8") **MEDIUM** 23x25cm (9x10") **LARGE** 30x25cm (12x10")

PA **Carpus** **SMV (Submentovertex)**

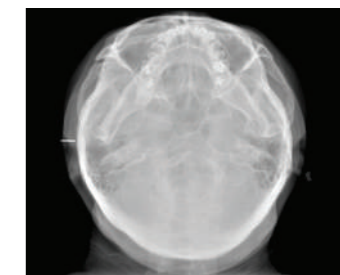| Examination Program	Scan Time (sec.)	Image Size
LATERAL	12.9	21X23cm (8.3X9.1")
FULL LATERAL	16.9	27X23cm (10.6X9.1")

THE COMPLETE SOLUTION
FOR YOUR CONSULTATION

EzDent-i will change the way of your consultation providing versatile tools such as
clinical animation (EzCodi) and powerful simulation tools.
This full packaged software will increase acceptance rate and satisfaction of patients.

EzDent-i™

1 Simple Tool Bar
Well organized and intuitive icons
make your workflow faster and
efficient. They are configured in
an easy to follow diagnostic
sequence.

2 Patient Search
The patient search box is fixed
on the screen so you no longer
need to move to the 'patient' tab
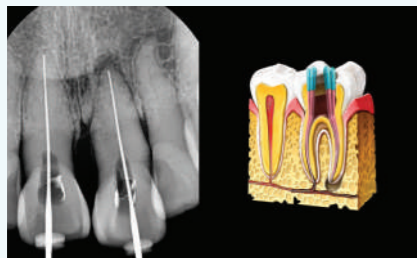to search for a new patient.

3 Drag & Drop
All patient images are displayed
along the bottom of the screen.
Simply find the image you need
and then click, drag and drop
it into place. That's simple.

2 in 1 Communication with EzCodi
Diagnosis and Consultation

2 in 1 Consultation

Implant Treatment

- **EzCodi provides 244 treatment
  process animations.**

  You can display animation together
  with X-ray image for better consultation.
  This unique and useful tool will not
  only increase patient's understanding
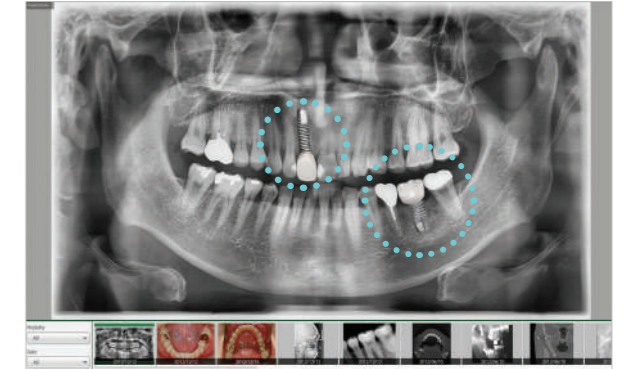 but also increase case acceptance.

Quick Implant Simulation
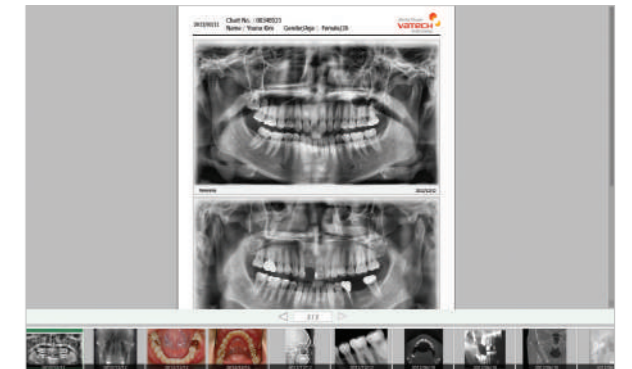
Just two steps are needed for implant simulation.
1. Measure   2. Select tooth number

Also, a virtual crown will make the simulation
more effective.

Case Management

With various reporting functions and
modes to choose from, you can easily
create your own cases as PDF format.
Plus, storing and sending them to others are
also very simple and easy.

Scatter View

It is possible to create any layout
you desire. Simply select the image from
the thumbnail view and then drag and
drop it into place. You can simply move,
resize and view the image exactly
the way you want.

Full Size Screen

EzDent-i provides wider image without
showing any icon and letter on it. However,
you can also use all tools and
load the other image by moving the cursor to
the left or the bottom of the screen.

ADVANCED SOLUTION
FOR ORTHODONTIC
TREATMENT

OrthoVision offers you precise orthodontic analysis as well as perfect simulation every time. With easy-to-use features and functions, you will have more time for case presentation and increase case acceptance.
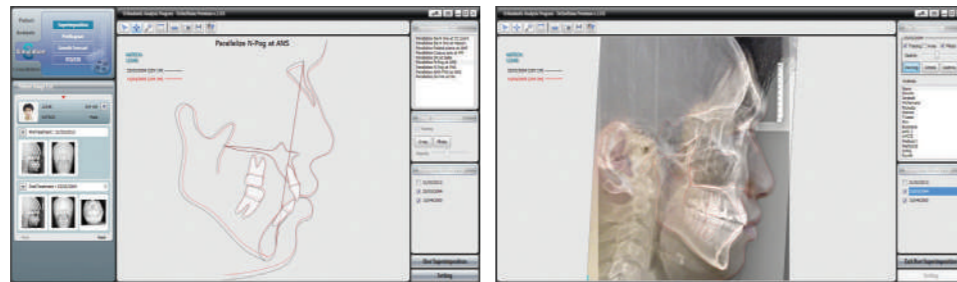
VTO / STO

- It allows you to plan, diagnose and present case from the lateral view easily and accurately.

- Also, it helps to increase patient understanding and case acceptance with virtual treatment planning and predictions.
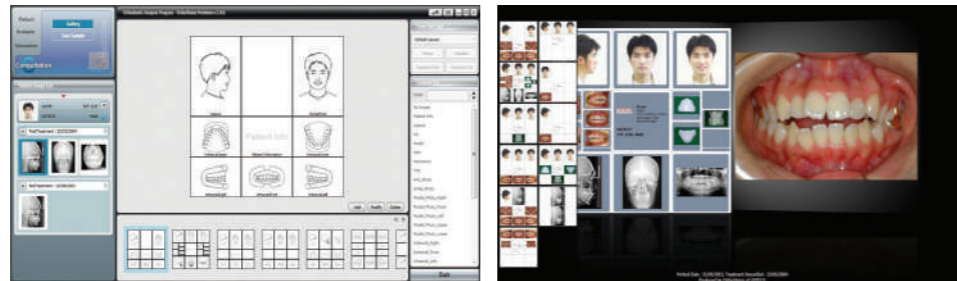
Superimposition

- Superimposition is the key to orthodontic planning along with the ability to measure and analyze orthodontic treatment over time.

Gallery

- With various modes and functions, consulting will be easier and more effective.

- Custom gallery can be created to fit your capture and viewing needs.

PRODUCT CONFIGURATION

	PANO	CEPH	
		SCAN	ONE SHOT
PaX-i	•	–	–
PaX-i SC	•	•	–
PaX-i OP	•	–	•

SPECIFICATION (PaX-i : PCH-2500)

Function	Pano + Ceph		
Scan Time	Pano: HD 13.5 sec / Normal 10.1 sec Scan Ceph: 12.9 sec One-shot Ceph: 0.9 sec	Ceph FOV Size	**SC** 21x23cm (8.3x9.1")[LAT, PA, SMV, Waters View, Carpus] 27x23cm (10.6x9.1")/ [Full LAT]
			OP 20x20cm (8x8") 23x25cm (9x10") 30x25cm (12x10")
Focal Spot	0.5mm	Gray Scale	14 bit
Tube Voltage/Current	50 - 90 kVp / 4 -10 mA	Patient Position	Standing

*The specifications are subject to change without prior notice.

DIMENSIONS

PaX-i
Pano

TOP VIEW

1125mm (44.3")

974mm (38.4")

FRONT VIEW

700mm (27.6")

1620mm (63.8")

2320mm (91.4")

PaX-i
Pano / Scan Ceph

TOP VIEW

1920mm (75.6")

1125mm (44.3")

FRONT VIEW

700mm (27.6")

1620mm (63.8")

2320mm (91.3")

PaX-i
Pano / One Shot Ceph

TOP VIEW

1920mm (75.6")

1125mm (44.3")

FRONT VIEW

700mm (27.6")

1620mm (63.8")

2320mm (91.3")