vatech

2D Imaging

vatech

Advanced 2D Panoramic Units

With decades of expertise in dental imaging, Vatech's 2D units combine cutting-edge image processing with refined engineering to deliver crystal-clear images.



PaX-i™

Your partner
in digital success



PaX-i™ Plus

Premium panoramic
image quality



PaX-i Insight

Beyond 2D:
Depth-added panorama

PaX-i™

The PaX-i gives you **the most accurate and best quality panoramic images** by combining image processing and accumulated experience in dental imaging from Vatech. This will improve diagnostic accuracy for better treatment planning and increased patient satisfaction.

Your Partner In Digital Success

- Excellent Image Quality
- Integrated sensors for Pano & Ceph
- Scan Ceph Technology
- up to 5-Year Full parts Warranty



PaX-i™

Sensor type	CMOS sensor
Kinematics (sensing method)	Multi-motor with autofocus and multifocal technology, 5 layers, 27 Pano and 5 Ceph projections
Exposure time (Pano and Ceph)	Pano 1.9 – 10.1 sec Ceph Scan: 12.9 sec
Dynamic Range	14 bit
Upgrade to Ceph	YES
Sensor for Ceph	Standalone Ceph CMOS sensor
TWAIN compatibility	Yes
Function	Panoramic, Extraoral Bitewing, segmented Pan, TMJ, and Sinus
Focal Spot	0.5 mm
kV	60 – 99 kV
mA	4 – 10 mA
Dimensions	96.52 cm × 116.84 cm × 231.14 cm (190.5 cm × 116.84 cm × 231.14 cm)
Software	EzDent -i / EzOrtho

PaX-i™ Plus

The PaX-i Plus provides **the most precise and high-quality panoramic images** by combining image processing and accumulated experience in dental imaging from Vatech. This will increase your diagnostic accuracy for improved treatment planning and patient satisfaction.



Premium panoramic image quality

- Superior Image Quality
- Two Dedicated Sensors
- Rapid Ceph Technology
- up to10-Year Sensor & Generator Warranty
- up to 5-Year Full parts Warranty

PaX-i™ Plus

Sensor type	CMOS sensor
Kinematics (sensing method)	Multi-motor with autofocus and multifocal technology, 5 layers, 27 Pano and 5 Ceph projections, UHD resolution
Exposure time (Pano and Ceph)	Pano: 1.3 – 20.2 sec Ceph Scan: 1.9 – 5.4 sec
Dynamic Range	14 bit
Upgrade to Ceph	YES
Sensor for Ceph	Standalone Ceph CMOS sensor
TWAIN compatibility	Yes
Function	Panoramic, Extraoral Bitewing, segmented Pan, TMJ, and Sinus
Focal Spot	0.5 mm
kV	60 – 99 kV
mA	4 – 16 mA
Dimensions	99 cm × 120 cm × 230 cm (193 cm × 120 cm × 230 cm)
Software	EzDent -i / EzOrtho

PaX-i™ Insight

PaX-i Insight is a step forward technology from the traditional way of acquiring images along a single focal layer. PaX-i Insight serves **multi layers which add depth to panoramic image**. Insight simply means more!

Beyond 2D – Depth added panorama

- Advanced Image Quality
- 41-layer digital panoramic images
- up to 10-Year Full parts Warranty



PaX-i™ Insight

Sensor type	CMOS sensor
Kinematics (sensing method)	Multi-motor with autofocus and multifocal technology, Insight Pan 41 layers with free FOV, 27 Pano and 5 Ceph projections
Exposure time (Pano and Ceph)	Pano: 4.3 – 10.4 sec Ceph: 1.9 – 3.9 sec
Dynamic Range	14 bit
Upgrade to Ceph	YES
Sensor for Ceph	Standalone Ceph CMOS sensor
TWAIN compatibility	Yes
Function	Panoramic, Extraoral Bitewing, segmented Pan, TMJ, and Sinus
Focal Spot	0.5 mm
kV	60 – 99 kV
mA	4 – 16 mA
Dimensions	99 cm × 120 cm × 230 cm (193 cm × 120 cm × 230 cm)
Software	EzDent -i / EzOrtho

Explore, Learn, and Connect with Vatech

At Vatech, we prioritize education and support to help you get the most out of your dental imaging equipment. From personalized training sessions and workshops to video tutorials, we ensure you have the knowledge and tools to provide **the best possible care for your patients**.

With offices in Prague, Czechia, and our new location in Warsaw, Poland, along with a trusted network of authorized distributors, we are committed to supporting dental professionals across Central and Eastern Europe. Our mission is to provide not only **cutting-edge imaging solutions** but also the expertise and guidance to help you deliver outstanding patient care.

Whether you need expert advice, training, or hands-on experience with our technology, we are here to support you every step of the way. Schedule a visit to our showrooms in Prague and Warsaw to **explore the latest innovations in dental imaging and software** and discover how Vatech can empower your practice.



Want to learn more about our products? Scan the QR code!

www.vatecheurope.com