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A COMPLETE VIEW FOR ACCURATE DIAGNOSIS

FONA XPan 3D

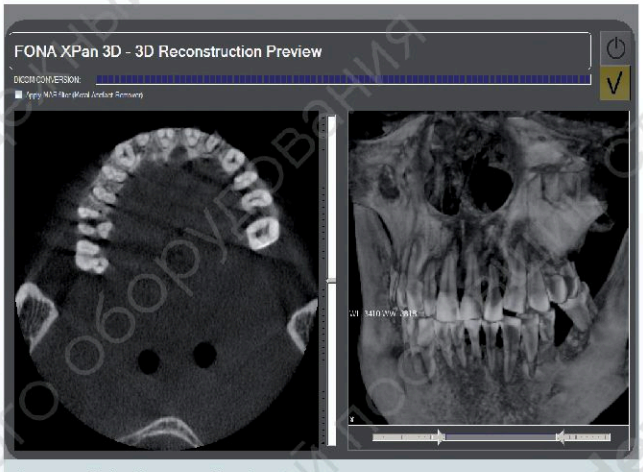
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FONA XPan 3D

A complete view for accurate diagnosis



Full arch field of view 85x85 mm
With just one exposure you get the full arch field of view of 85x85 mm, optimal when you need to see the full dentition, mandibular canal and maxillary sinus in one single exposure.



Immediate image display
As little as 10 seconds: XPan 3D offers one of the quickest image reconstruction times thanks to its 64 bit technology.

Windows®8

Windows 10 ready

Perfect integration
Supporting Windows 7, optimized for Windows 8 and ready for Windows 10. FONA XPan 3D is ready to be easily integrated into your existing clinic network, PACS and DICOM technologies.

A complete field of view is crucial for a full understanding of clinical cases and confident treatment planning.

FONA XPan 3D is the 2-in-1 dental solution that combines the advantages of 2D and 3D imaging in one reliable unit,making 3D technology accessible to more dental clinics worldwide.



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FULL ARCH FIELD OF VIEW 85x85 MM
85x85 mm FOV captures the full dental arch with just one exposure.

COMPLETE 3D VOLUME IN 10 SECONDS
An image reconstruction time of as little as 10 seconds lets you view results immediately with the patient.

COMPACT DESIGN
2-in-1 solution that takes up just as little space as 2D only.



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OrisWin DG Suite imaging software

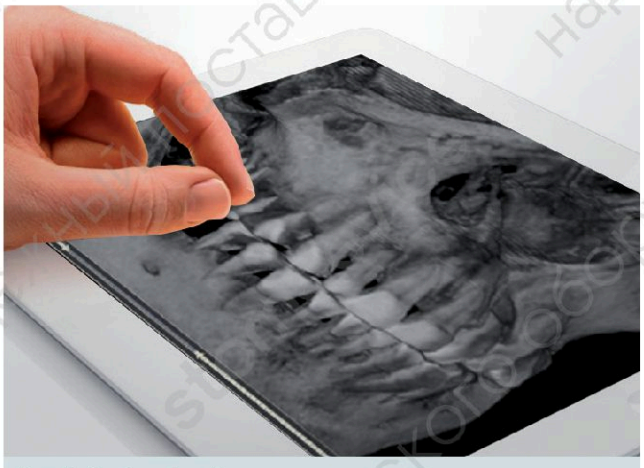


One software, multiple possibilities

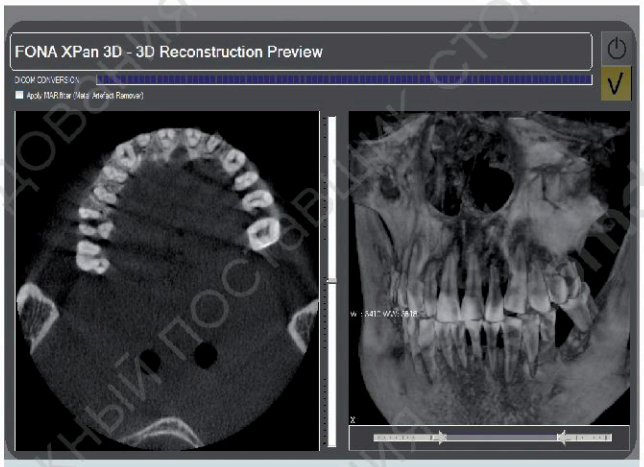
OrisWin DG Suite imaging software allows to manage patient data, acquire radiographic images and enhance image quality all in one application.

In addition to the familiar 2D panoramic image functions, you will now have all the tools for 3D. Navigation is simple and allows you to examine the clinical case quickly and with confidence. OrisWin DG Suite is compatible with the entire FONA imaging product range, and thanks to its bridging module and DICOM interface integrates perfectly into your existing network. OrisWin DG Suite, a powerful tool for your daily diagnostics!

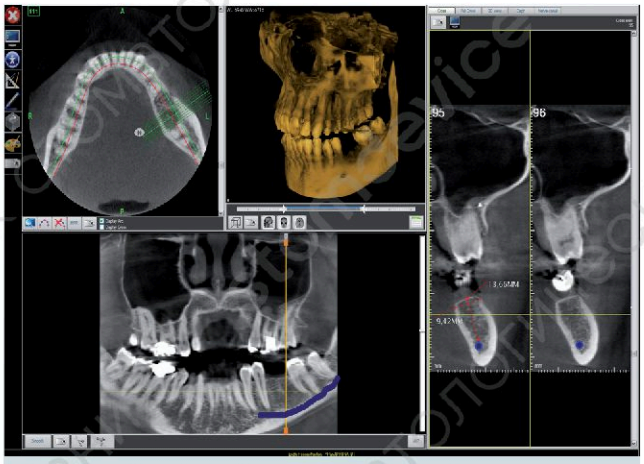
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Ready for touchpad
Program selection, 3D image visualisation and more: drive OrisWin DG Suite from your touchpad and enjoy full flexibility.



Metal Artifact Reduction (MAR)
With just one click scattering, strays and shadows are deleted, for better image quality without additional exposures.



Cross section views for accurate diagnosis
With the cross section view, diagnosis is more accurate: you can precisely measure the length from the bone to the mandibular canal or spot endodontic diseases.



Intuitive navigation in the 3D volume
For quick diagnosis you can use Multi Planar Reconstruction (MPR) where you can easily find what you are looking for.



Automatic dual and triple scan mode
Import radiographic images acquired in automatic dual or triple scan mode into your surgical guide software in just one step.



DICOM compatible and multiple export functions
Share your clinical cases as print outs or in full information DICOM format via e-mail or OrisWin DG Suite Viewer. The optional DICOM module also offers functions such as Print, Store and Worklist.

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2-in-1 solution



FONA XPan 3D is the 2-in-1 solution that offers all the benefits of its successful 2D forerunner XPan DG, plus the 3D function for a complete view when needed.

Use 3D for precise measurements, locating the mandibular canal or cross section views, and 2D panoramic mode for standard cases. With FONA XPan 3D you can easily switch between 3D and 2D functions to achieve the best results!

SIMPLE PATIENT POSITIONING
Patient positioning is fast, and ensures perfect centering.

EFFICIENT 2-IN-1 SOLUTION
One sensor for both, 2D and 3D imaging.

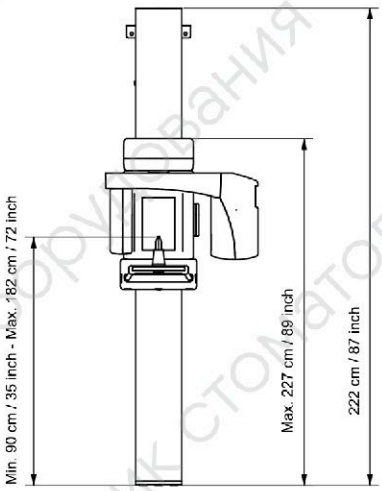
EXCELLENT 2D IMAGE QUALITY
Advanced CMOS Flat Panel detector for high 2D image quality.

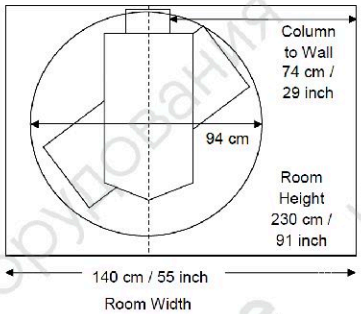


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Technical Specifications

TECHNICAL SPECIFICATIONS	
Sensor Technology	CMOS Flat Panel
Pixel size	100 µm
Voxel Size	160 µm
Dynamic Range	14 bits (>16.000 greylevel)
Focal Spot	0,5 (IEC 336)
Tube Voltage	61 – 85 kV
Tube Current	4 – 10 mA
High Voltage supply	High frequency multi-pulse
Exposure time 2D	14.2 seconds (max)
Exposure time 3D	12.3 seconds (max)
Active Sensor Area	130 x 130 mm
Volume size 3D	85 x 85 mm (diameter x height)
Acquisition range	300°/ 360° rotation
Positioning	3 aiming lights
Spine compensation	Automatic
Image reconstruction time 3D	< 10 seconds (standard reconstruction)
Weight	100 kg
Power	230 V ± 10%, 115 V ± 10%, 50/60 Hz, max. 1.25 kW
Space requirements	Room width min. 140 cm, room depth min. 111 cm, room height min. 229 cm
Panoramic Programs	(1) Adult panoramic, (2) Child panoramic, (3) Left-Side Dentition, (4) Right-Side Dentition, (5) Anterior Dentition, (6) TMJ in normal occlusion and fully open, (7) Frontal view of Maxillary Sinus
3D Programs	(8) Complete dentition, (9) Left TMJ, (10) Right TMJ
Software	OrisWin DG Suite Touch, Windows 8 , Windows 10 ready, 3D license for up to 10 computers in the network and DICOM communication as option
Acquisition computing unit	Included in the package





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Everything you need, only one brand – FONA

We are a global dental equipment brand with the headquarters based in the heart of Europe and manufacturing facilities on three continents. Being in the dental market since 2004, we ensure that our products fulfill the highest quality standards and are always reliable and easy to use. Our goal is to make advanced dental technology available in all markets and to help dentists to provide a professional service to their patients. Offering a great value for money our product range covers Imaging, Software, Treatment Centers, Laser, Instruments and Hygiene. With an experienced and dedicated sales and service team, that loves to work with you every day, we are simply CLOSER TO YOU.

Complete portfolio of reliable dental technology


Treatment centers


Extraoral Imaging


Intraoral Imaging


Phospor plate scanner


Software


Instruments


Laser


Hygiene

Based in Europe, available worldwide



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MANUFACTURING
- Bensheim, Germany
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- Guangzhou, China
- Risskov, Denmark
- New York, USA

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