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FONA
CLOSER TO YOU





THE RIGHT CHOICE FOR YOUR PRACTICE

Panoramic X-rays

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FONA Panoramic X-rays



THE RIGHT CHOICE FOR YOUR PRACTICE

Whether you prefer working the traditional way, want to go digital but without technological gimmicks, or are looking for the technologically advanced solution that gets the most out of your panoramic images, FONA has the solution you are looking for! Whichever model you chose, you will have a well designed, compact, reliable and high value for money unit that delivers excellent panoramic and cephalometric image quality for your daily diagnostics.

FONA Art Plus

PREMIUM TECHNOLOGY FOR SUPERB QUALITY
Direct conversion CdTe-CMOS technology for incredibly high image quality.

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FONA XPan



COST EFFICIENT DIGITAL SYSTEM
Practice oriented digital imaging with excellent price/performance ratio delivering all you need for daily diagnostics.

TRADITIONAL SOLUTION
Reliable and proven analog solution for traditional film or phosphor plate imaging.

FONA XPan DG



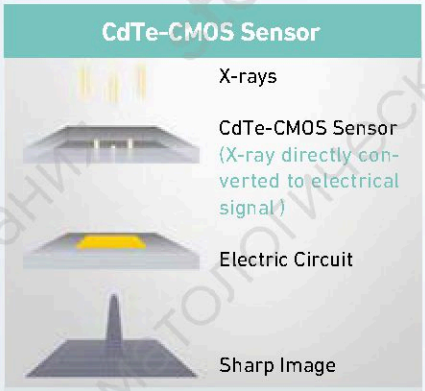


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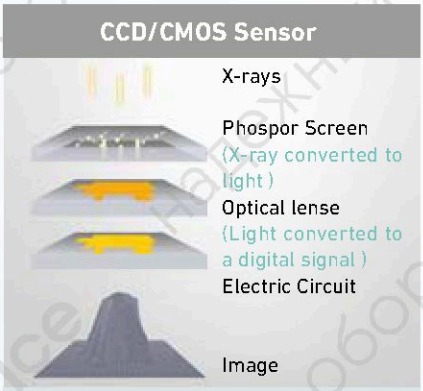
FONA Art Plus & FONA Art Plus C

PREMIUM TECHNOLOGY FOR SUPERB QUALITY

FONA Art Plus is an advanced digital panoramic system with latest premium CdTe-CMOS sensor technology. It combines extraordinary image quality, sharpness and contrast with advanced diagnostic tools. Due to the special sensor technology, and continuous autofocus function, FONA Art Plus always delivers properly focused images, in both Pan and Pan Ceph version.



Premium Art Plus technology
Direct conversion of X-rays to electrical signals increases the image clarity and contrast while reducing the readout time and dose.



Traditional technology
Traditional acquisition uses conversion of X-rays to light before detection, causing some information loss, blurring and readout delays.



Wide focal zone up to 30 mm
Due to patented algorithms, the focal zone is up to 30 mm wide, instead of traditional 4 mm. Your region of interest will always be in focus.

Latest sensor and autofocus technology for the best image quality





Only 2 steps to go
Simply select program (7 Pan or 3 Ceph) and patient size (4 options). All exposure settings will be set automatically. Presets can also be adjusted manually.







Single sensor for both applications
Get the best quality panoramic and cephalometric images. Just click the sensor to the position where you need it.

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EASY TO OPERATE
Intuitive and fast setting of the exposure program with just 2 clicks.

EXCELLENT IMAGE QUALITY
Latest direct conversion technology for high resolution, extraordinary sharpness, clarity and lower dose.



CONTINUOUS AUTOFOCUS
No more blurred images and additional exposures – the region of interest is always in focus.

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FONA XPan DG & FONA XPan DG Plus

COST EFFICIENT
Single sensor Pan-Ceph solution with an excellent price/ performance ratio.

INTUITIVE USE
Quick exposure program selection for daily diagnosis.



FAST AND RELIABLE POSITIONING
3 aiming beams and smart positioners for easy and stable patient positioning.

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COST EFFICIENT DIGITAL SYSTEM

FONA XPan DG and its Ceph version XPan DG Plus are the perfect choice for everyone searching high quality, but reasonably priced, digital panoramic and cephalometric system. Benefit from easy operation, quick positioning, comprehensive program range and reliable performance! Both XPan DG and XPan DG Plus produce high image quality and tissue resolution. Now you can diagnose parodontal status and soft tissue levels even from a panoramic image.



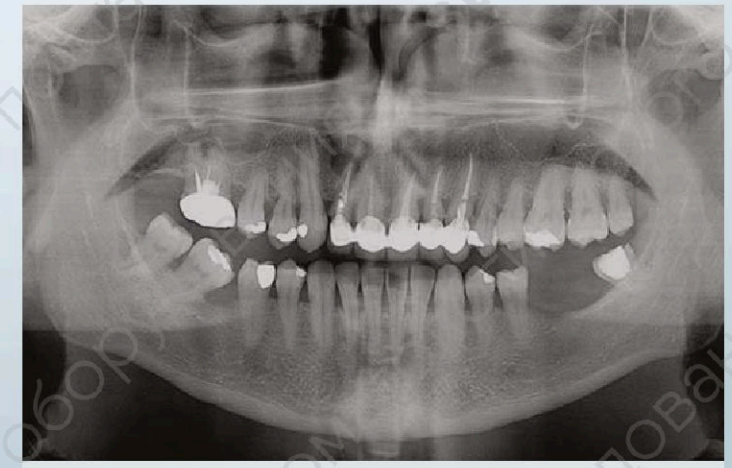
Quick and intuitive program selection
Exposure parameters are easily set by selecting from 4 patient sizes, and 7 panoramic or 3 cephalometric programs.



Removable sensor technology
Meet the needs of panoramic and cephalometric images with just one sensor: a Pan-Ceph solution with an excellent price-performance ratio.



Easy and stable patient positioning
The face-to-mirror laser guided positioning with the bite block and optional head rest helps to avoid patient movement, reducing the risk of blurring on the radiographic image.



Adult panoramic



Cephalometric Latero-Lateral

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FONA XPan & FONA XPan Ceph



TRADITIONAL SOLUTION

FONA XPan and XPan Ceph are traditional units with a flat cassette for film processing or storage phosphor plates for scanners. They are compact and reliable units available in panoramic and cephalometric versions. The X-ray generator features constant potential with high frequency electronics. Imparted dose is optimized during the exposure and advanced technology of cooling minimizes the waiting time, even at very busy workplaces.



Simple control panel for intuitive use
Self-explaining symbols permit immediate selection of correct program and patient size. Exposure parameters are automatically set but can be adjusted manually if needed.



Ergonomic patient positioning
Patients can be easily positioned with help of aiming beams and a motorized system for carriage movement.



Cephalometric programs
Take lateral or frontal radiographs of the skull and wrist by simply rotating the tube head and selecting the appropriate collimator position.



Freedom in cassette sizes
FONA XPan supports standard 15x30 cm cassette sizes for panoramic images, 18x24cm for cephalometric images and even 24x30cm for computed radiography.

COMPREHENSIVE PROGRAMS
Control panel with self-explanatory symbols for immediate and intuitive program selection.

PROVEN SYSTEM
Time-proven and trouble-free film solution with all standard cassette sizes.



ERGONOMIC PATIENT POSITIONING
Good image quality thanks to reliable patient positioning tools.

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OrisWin DG Suite software & Accessories



OrisWin DG Suite imaging software
Optimize your workflow by managing patient data, image post-processing and diagnostics all in one application. OrisWin DG is compatible with the entire FONA digital imaging product range and will integrate perfectly into your existing dental studio network.



Quick and stable patient positioning
On top of using standard bite block or chin rest the patient's head can be stabilized further with the optional headrest. The height of the unit can be easily adapted using the motorized column. Cephalostat and hand support for carpus are provided with all cephalometric models.



Free-standing base
Install your panoramic unit either wall mounted or on the optional free-standing base which is designed to be wheelchair-accessible.



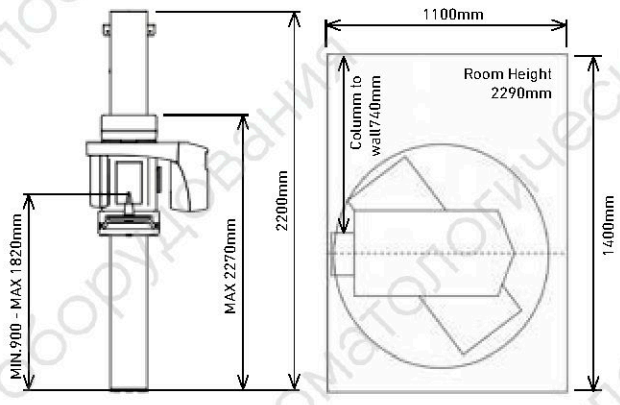
Full installation flexibility
With the optional remote control, exposure can be released from outside the X-ray room, allowing full installation and operation flexibility.

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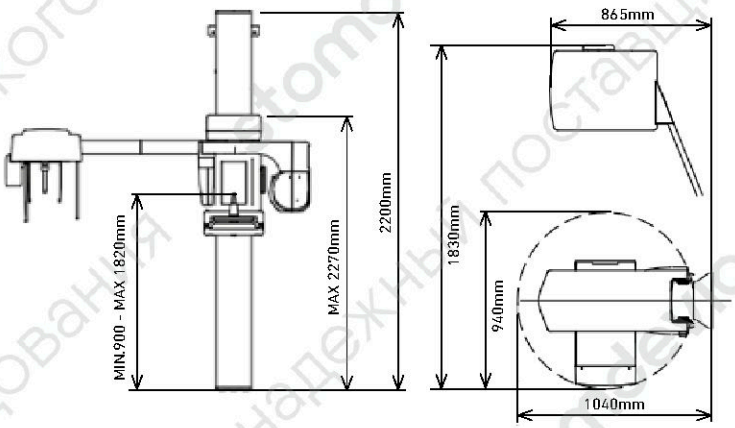
Technical Specifications

	ART PLUS / ART PLUS CEPH	XPAN DG / XPAN DG PLUS	XPAN / XPAN CEPH
Receptor technology	CdTe (Cadmium Telluride) CMOS sensor	CCD sensor	Film or Phosphor plate
Image Resolution	>5 lp/mm	5 lp/mm	-
Dynamic range / Grayscale	16 bits / 65.536 gray shades	16 bits / 65.536 gray shades	-
Exposure time Pano / Ceph	2.2 – 14.2 s / 8 – 10 s	2.2 – 14.2 s / 8 – 10 s	2.2 – 14.2 s / 1s single shot
PC connection	PCI express	GigaBit Ethernet	-
Focal Spot	0.5 (IEC 60336)	0.5 (IEC 60336)	0.5 (IEC 60336)
Tube Voltage	61 – 85 kV	61 – 85 kV	61 – 85 kV
Tube Current	4 – 10 mA	4 – 10 mA	4 – 10 mA
Weight Pano / Ceph	98 kg / 120 kg	98 kg / 120 kg	100 kg / 120 kg
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		
Cephalometric programs	Antero-Posterior (AP), Latero-Lateral (LL), Carpus, Sub-Mento Vertex (SMV) in AP mode		Antero-Posterior (AP), Latero-Lateral (LL), Carpus
Patient size presets	(1) Large, (2) Medium, (3) Small, (4) Child		

Space requirements Art Plus / XPan DG / X Pan



Art Plus C / XPan DG Plus / XPan Ceph



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Every dental solution you need, FONA

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Chairside CAD/CAM



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- New York, USA



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Dealer:

HEADQUARTERS:
FONA Dental s.r.o.
Ševčenkova 34
SK - 85101 Bratislava
Slovak Republic
info@fonadental.com
www.fonadental.com

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