

X-VIEW 3D PAN



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PULSED DC X-RAY GENERATOR

This high frequency generator emits rays in sync with the sensor, avoiding useless rays when transmitting images, which notably reduces the generator stress, the unit's consumption and radiation dose to patients (by around 30%).

SAME SENSOR FOR 2D AND 3D IMAGES

IGZO based flat panel detector

Pixel size 100 μm

Voxel size 50-430 μm

To obtain 15×30 cm 2D PAN and volumetric images in fastest scanning time, from 2,4 to 15,5s

AMORPHOUS SILICON FLAT PANEL DETECTOR

WITH SINGLE SHOT TECHNOLOGY

Significantly reduces the X-ray dose without negatively affecting the image quality.

Captures images in a very short time (average exposure time 350 ms).

TWO-PART COLUMN

Easily transportable and mountable

7-INCH COLOR TOUCHSCREEN INTUITIVE GRAPHICAL USER INTERFACE

All instructions available in several languages allowing users to easily access the different options

SUPPORT BASE (Optional)

X-VIEW 3D PAN

Main features

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Low Radiation Dose

The high frequency generator and the pulsed emission adjust the exposure adapting the dose to the dimensions of the examined area without compromising image quality



High Connectivity

The software offers a wide range of tools to manage the images allowing to efficiently save, export and share files.



Accurate Images

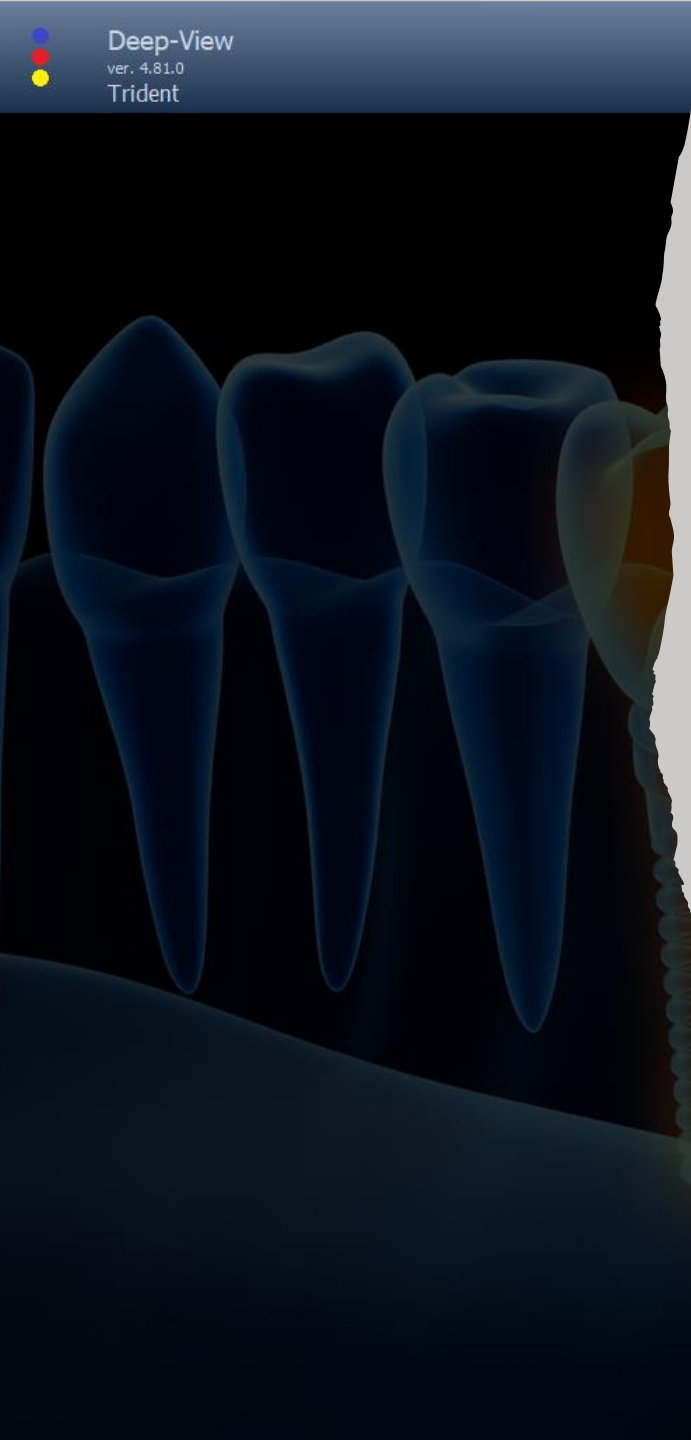
Thanks to its evolved functions, trajectories, and collimations applicable to each exam, images are full of details and contrast.



Precise Diagnostics

Images obtained with X-VIEW 3D cone beam CT allow for more precise diagnostics.

X-VIEW 3D PAN

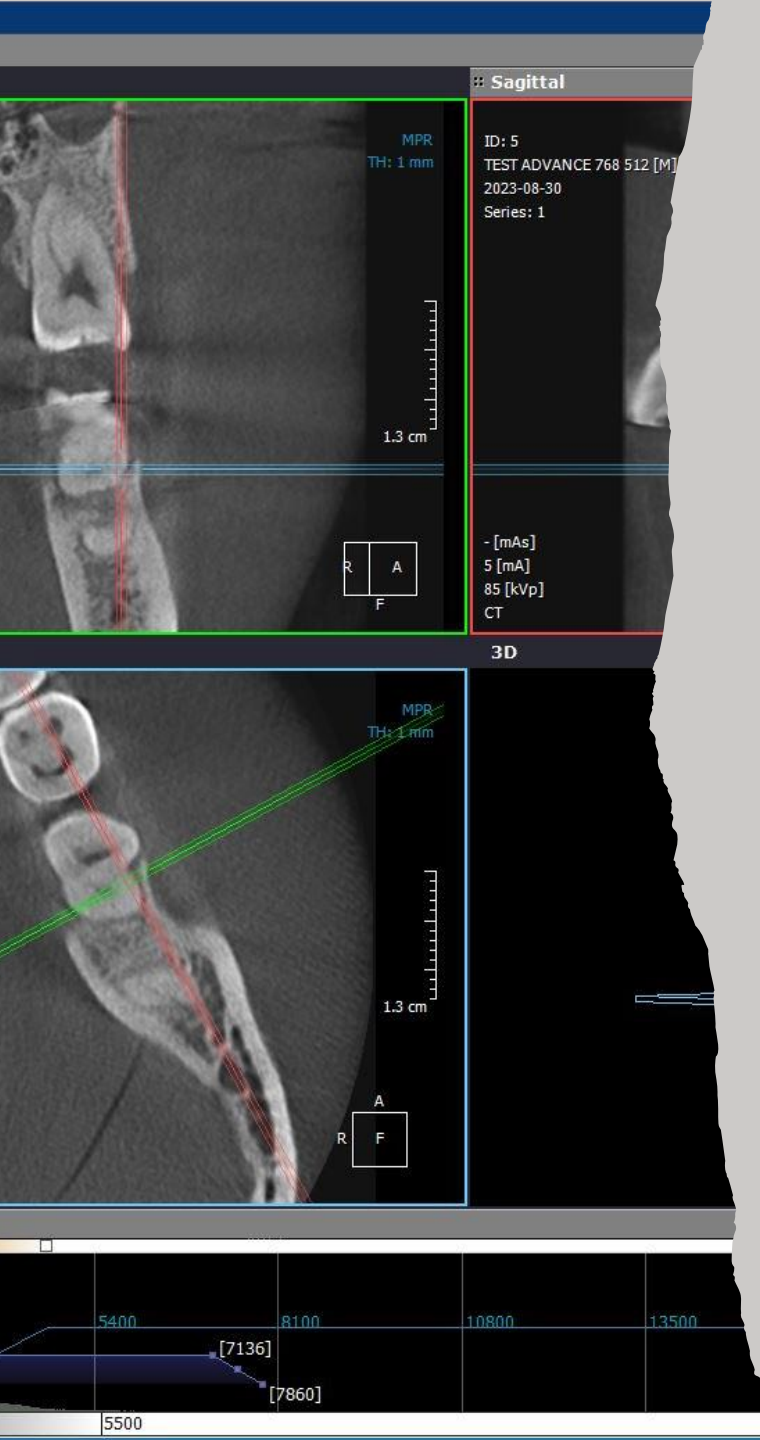


Deep-View Software

Deep-View is a modern imaging software designed by Trident to efficiently acquire, organize, store and share digital images.

The suite is a complete and integrated software for intuitive navigation with several advanced features to obtain and manage thousands of high-definition images for more accurate diagnosis.

Multiusers



Xelis Software

Xelis is a professional tool to perform 3D implant simulation directly on the PC. The software allows the user to simulate the position of implants, identify the mandibular canal, trace panoramic views and sections of the bone model, view the three-dimensional bone model and calculate bone density. Doctors can easily and safely plan implant-prosthetic surgery.

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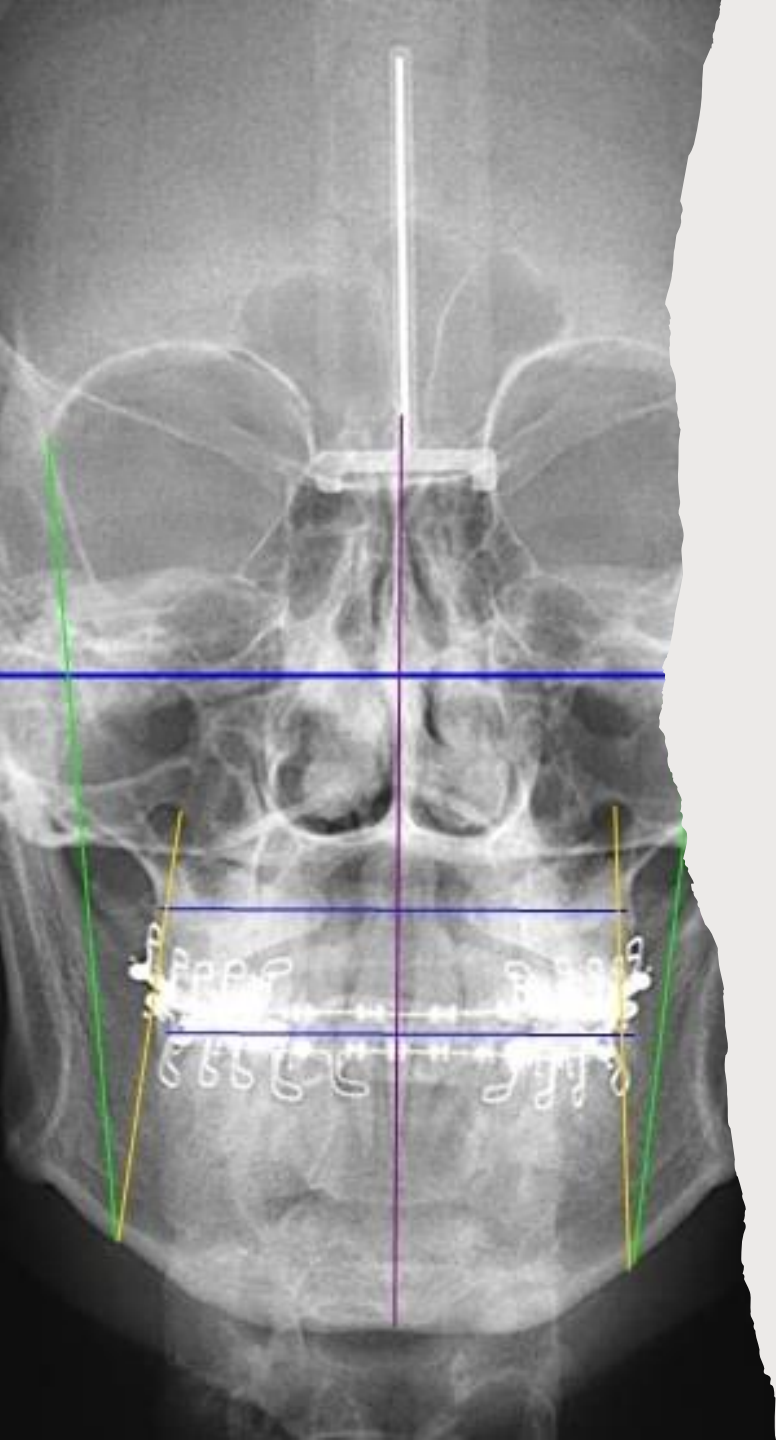
DFO Software

Dental Facial and Orthodontics

Functional tool for
orthodontic tracing and
cephalometric analysis.

DFO performs all kind of
analysis in less time, just run
the software and set the
points needed for a
complete analysis, the results
will be automatically
calculated and drawn on the
screen.

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Quick and easy patient positioning

The ergonomic design ensures that the patient is not enforced to use awkward postures and can easily achieve the correct positioning.

The specially designed tools assist patients, during the acquisition process, to maintain their position avoiding errors in the procedures.

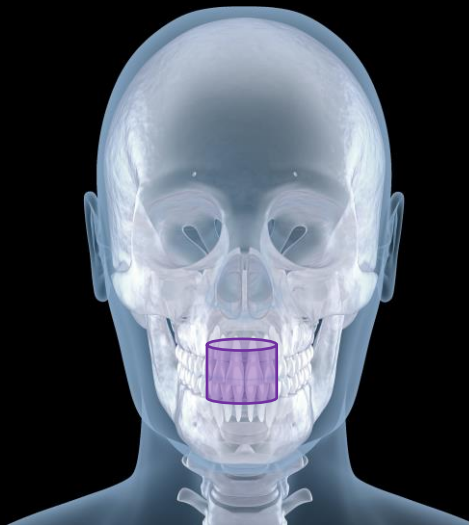
X-VIEW 3D adapts to all sizes and types of patients, the linear and open design facilitates access for wheelchair users.

3D IMAGES WITH VARIABLE FOV

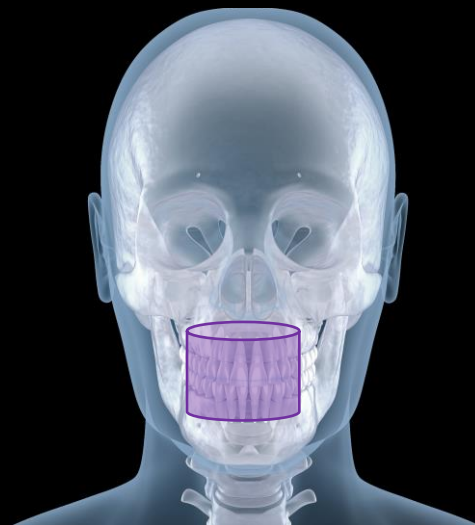
STANDARD DOSE

X-VIEW 3D PAN offers multiple Field of View (FOV) options, while maintaining a standard dose for patient safety. Experience precise imaging with customizable FOV settings that provide detailed visuals without compromising on radiation exposure

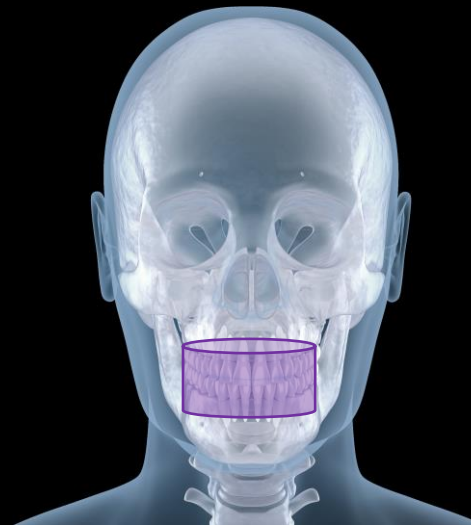
5 x 5 cm



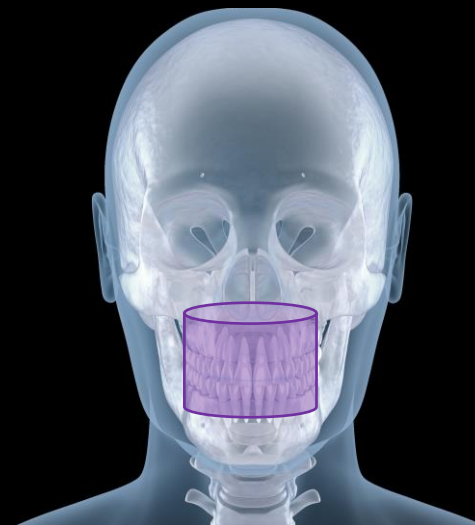
9 x 9 cm



6 x 11 cm



11 x 11 cm

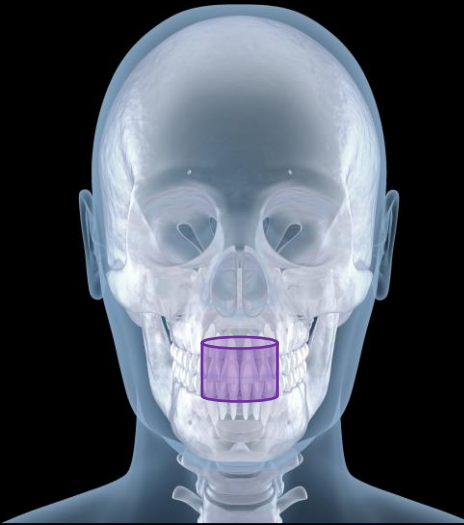


3D IMAGES WITH VARIABLE FOV

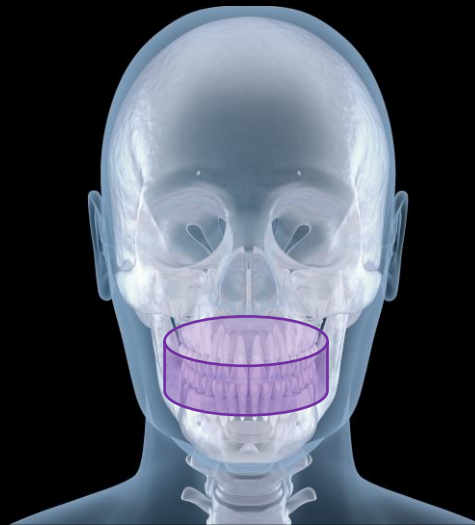
REDUCED DOSE

X-VIEW 3 D PAN offers a larger field of view (FOV) for the same radiation dose, effectively reducing the dose per scan. Benefit from wider image coverage without increasing radiation exposure, ensuring greater diagnostic accuracy with optimal patient safety.

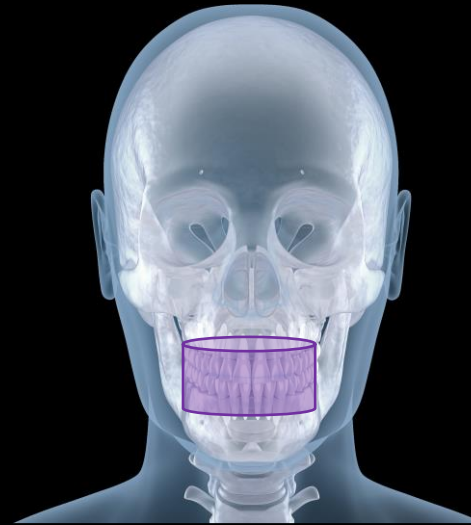
5 x 6 cm



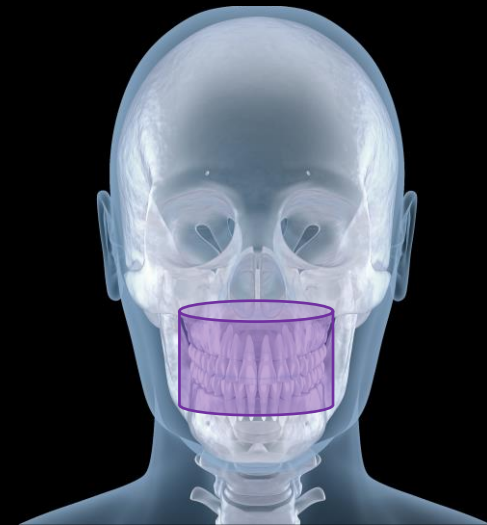
6 x 14 cm



9 x 11 cm



11 x 14 cm



7-inch color touchscreen

The LCD display enables users to directly interact with the unit.

Menus are very easy to navigate.

Universally recognized icons indicate available functions, parameters, and options.

All instructions are multilingual in a friendly language that guides the user fluently through the different options.



Plug and play system

The PC for X-VIEW 3D comes with Deep-View software + Xelis software installed.

The computer is configured from the factory in every single detail.

The calibration files are already provided, so the user does not have to manually install them or even manipulate the computer with instructions for operation, avoiding complicated calibrations on site, after the installation, or during the unit useful life.



X-VIEW
3D PAN

Three models
available





X-VIEW 3D ONLY

This is the best unit for doctors who only want 3D images. Few options, no excessive functions, only volumetric HD images.

The two software, Deep-View + Xelis, allow intuitively working on the volume responding to the doctor's requirements for specialized procedures in endodontics, orthodontics, implantology and maxillofacial surgery.

IGZO based Flat Panel detector

Pixel size 100 μm

Voxel size 120 μm

Single FOV 9×9 cm

Single FOV 11x11

Single FOV 11x14

Double FOV 11x11, 11x14

Easy installation and maintenance

The functionality of X-VIEW 3D ONLY includes a reconstructed panoramic image obtained from a CBCT dataset and reformatted within the software.



X-VIEW 3D PAN

This is an efficient two-in-one solution to obtain in fastest scanning time (from 2,4 to 15,5 s) a wide range of dental 2D panoramic and 3D images, specially dedicated to practitioners in orthodontics, endodontics and implantology.

This unit was developed to provide medium to large dental offices with a working tool that enables doctors to efficiently manage the clinic workflow.

IGZO- based Flat Panel Detector

Pixel size 100 μm

Voxel size 50-430 μm

The following FOVS are available

Single FOV 9×9

Single FOV 11×11

Single FOV 11×14

Double FOV 11×11, 11×14

Multifov 5×5, 6×11, 9×9, 11×11

Multifov 5×5, 5×6, 9×9, 9×11, 6×11, 6×14, 11×11, 11×14

2D and 3D images

15×30 cm adult 2D PAN images

13×30 cm children 2D PAN images

Volumetric Images

Ceph Upgradable



X-VIEW 3D PAN CEPH

This is the most complete model of the X-VIEW family.

2 Detectors

IGZO-based flat panel detector for 2D and 3D

Pixel size 100 μm

Voxel size 50-430 μm

Scanning time from 2.4 to 15.5s

Amorphous silicon flat panel with single shot technology for cephalograms.

The following FOVs are available:

- Single FOV 9×9
- Single FOV 11×11
- Single FOV 11×14
- Double FOV 11×11, 11×14
- Multifov 5×5, 6×11, 9×9, 11×11
- Multifov 5×5, 5×6, 9×9, 9×11, 6×11, 6×14, 11×11, 11×14

Volumetric images

15×30 cm adult 2D PAN images

13×30 cm children 2D PAN images

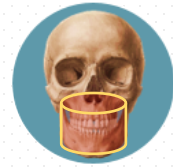
25×30 cm AP and LL cephalograms

Carpus images

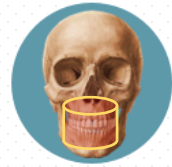
Exams

3D

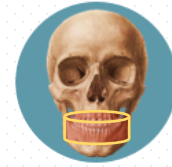
STD DOSE



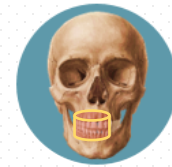
11 x 11 cm



9 x 9 cm

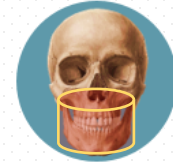


6 x 11 cm



5 x 5 cm

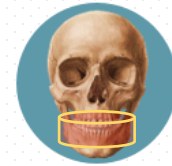
LOW DOSE



11 x 14 cm



9 x 11 cm



6 x 14 cm



5 x 6 cm

2D PAN



Standard PAN



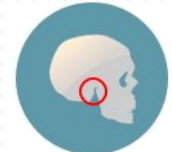
Hemi PAN Left



Hemi PAN Right



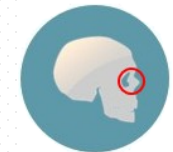
Frontal Dentition



TMJ closed
mouth



TMJ open
mouth



Sinus

Optional 2D



Left Bitewing



Right Bitewing



Right and Left
Bitewing



Improved
Orthogonality
Panoramic



Reduced Dose
Panoramic

CEPH



Antero-posterior



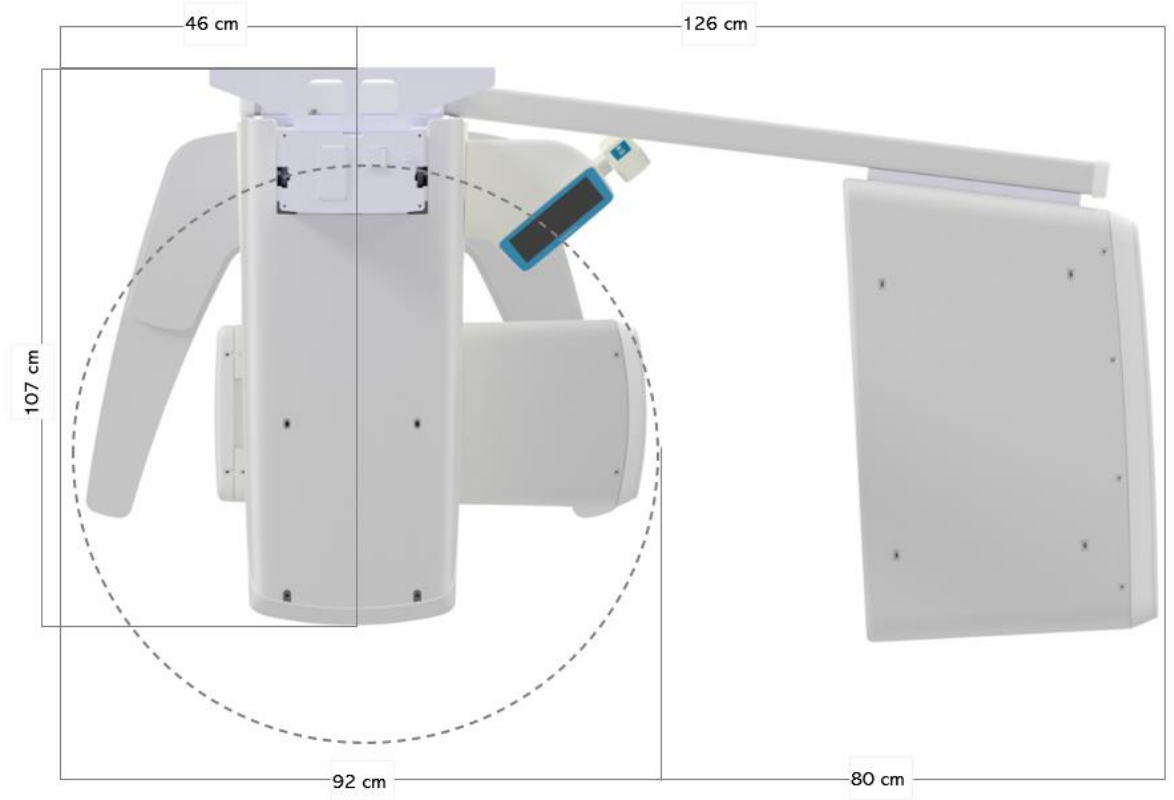
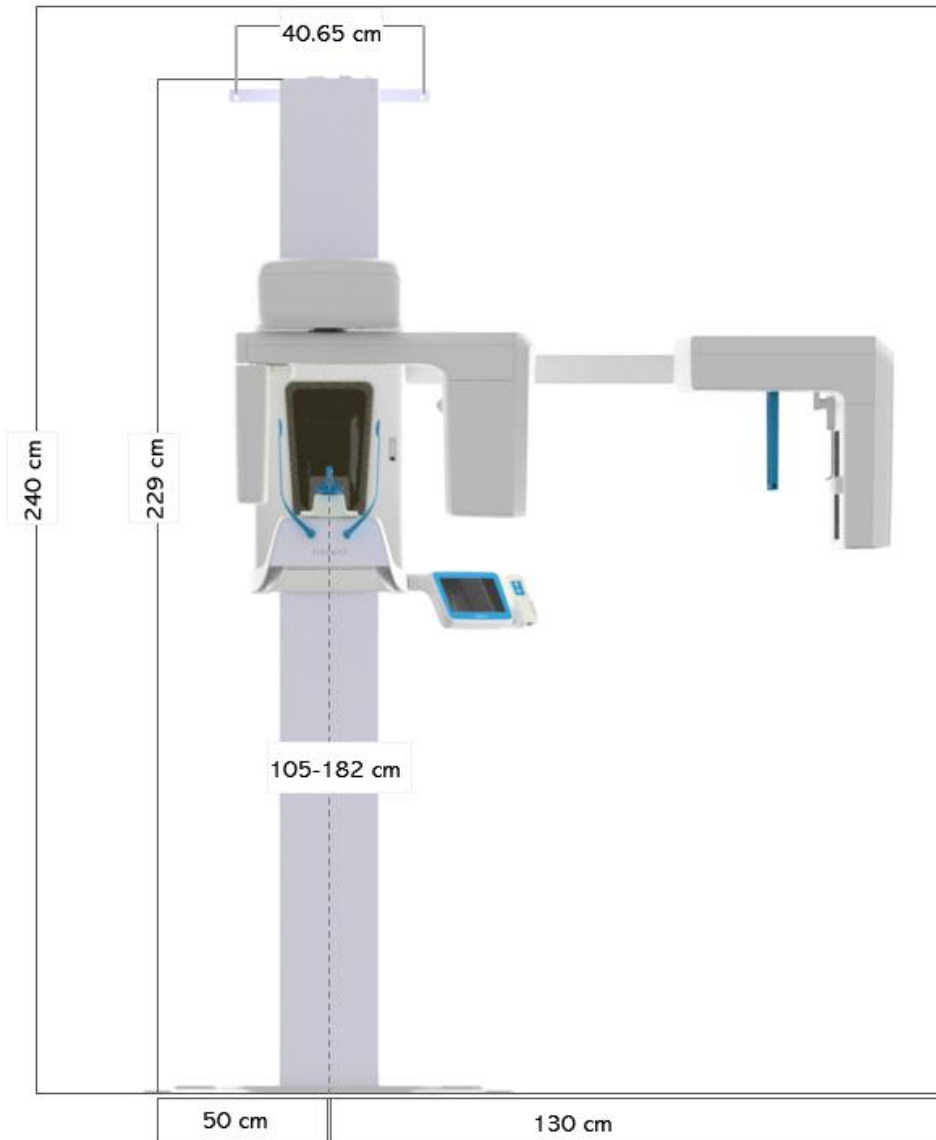
Latero-lateral
25 x 30 cm



Carpus

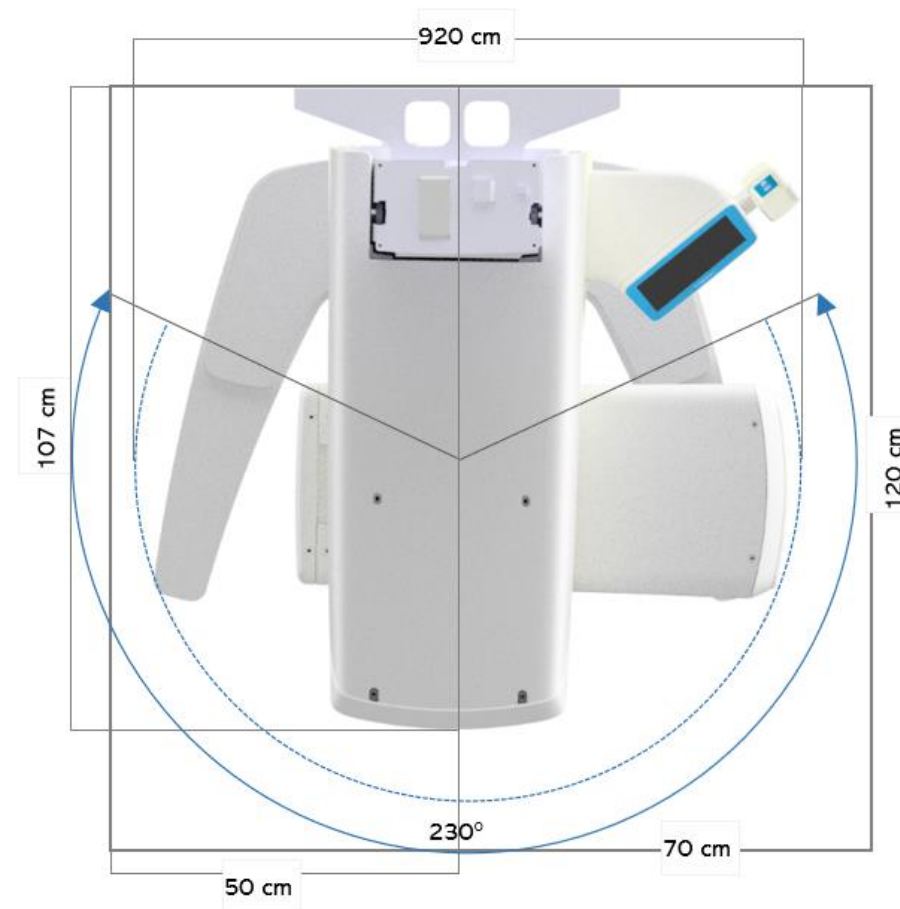
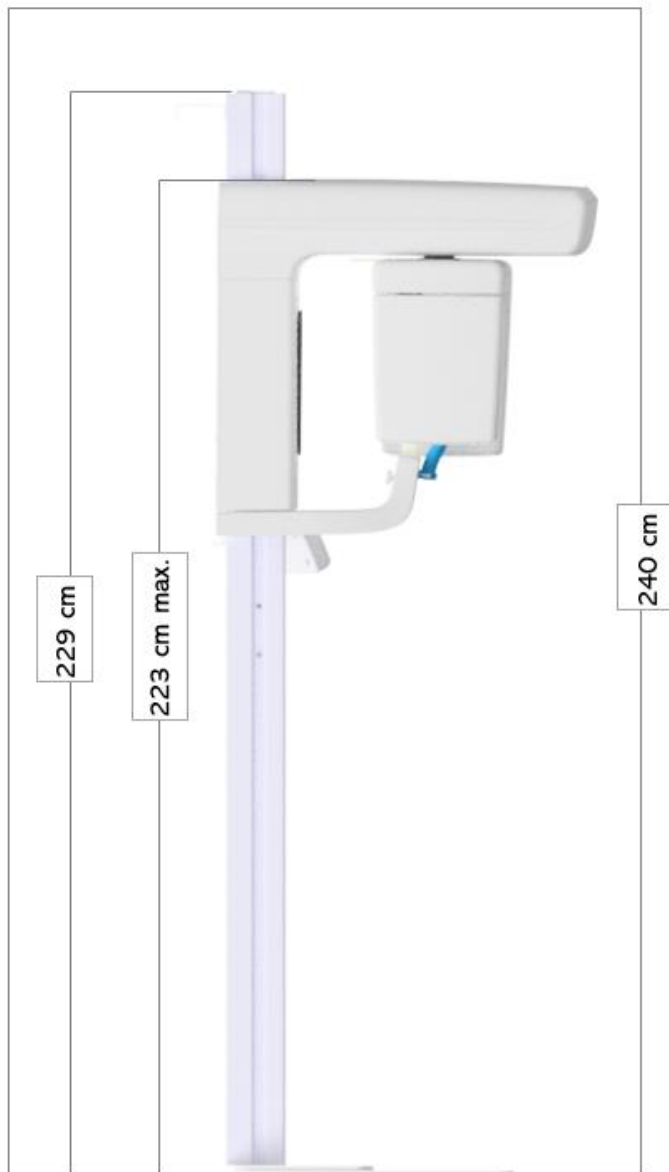
Measures

X-VIEW 3D PAN CEPH



Measures

X-VIEW 3D Only
3DPAN



Package

Thanks to the new detachable column, the unit is securely packed using a single 120 * 80 * h 120 cm triple-wall corrugated cardboard box.

It is a sustainable, fully reusable packaging, using materials and manufacturing techniques that decrease energy use and reduce the harmful impacts of packaging on the environment.

The packaging has been designed to support considerable weights in its corrugated frame. The triple wall will absorb any potentially damaging shocks, abrasions and temperature changes.

Each package is shipped with a visible ShockWatch impact label, which acts as a visual deterrent to indicate if mishandling has occurred during transport.

Technical Data

	CBCT		CEPHALOMETRIC DR
	3D ONLY	3D PAN	
Generator	X-RAY TUBE		
	High Frequency DC Generator		
Operative Mode	Pulsed		Direct
Tube Voltage	73 – 85 kVP		61- 85 kVP
Anode Current	6.3 -10 mA	5 -10 mA for PAN 6.3 -10 mA for 3D	5 -10 mA
Focal Spot	0.5 mm		
	DETECTOR		
Image Detector	IGZO		AMORPHOUS SILICON
FOV cm	Single 9x9 Single 11x11 Single 11x14	11x 11 30 x 15 PAN	30 x 25
Pixel size	100 µm	100 µm	125 µm
Voxel size	141 µm	141 µm 3D 100 µm PAN	-
	ACQUISITION		
Exposure time	6.8 – 7 s		350 – 500 ms
Scan time	9.7 – 10 s		Immediate
	IMAGE FORMAT		
	DCM, STL*		JPEG, BMP, PNG, TIFF, DCM
	DIMENSIONS		
Height	223,5 cm		
Weight	125 kg		+25kg
	SOFTWARE		
Included	Deep-View, Xelis Basic		
Optional	Xelis Advanced		DFO
	DICOM Full (Base, CD, Worklist, Print), DICOM Print		

X-VIEW 3D PAN CEPH_(the video)





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