



# X-VIEW

trident

## DC Generator

X-View avoids the emission of unnecessary radiation by using a high frequency pulsed emission generator. This system allows the acquisition of HD images rotating 230 degrees in only 15 seconds.

**DC generator with 0.5 mm focal spot.**



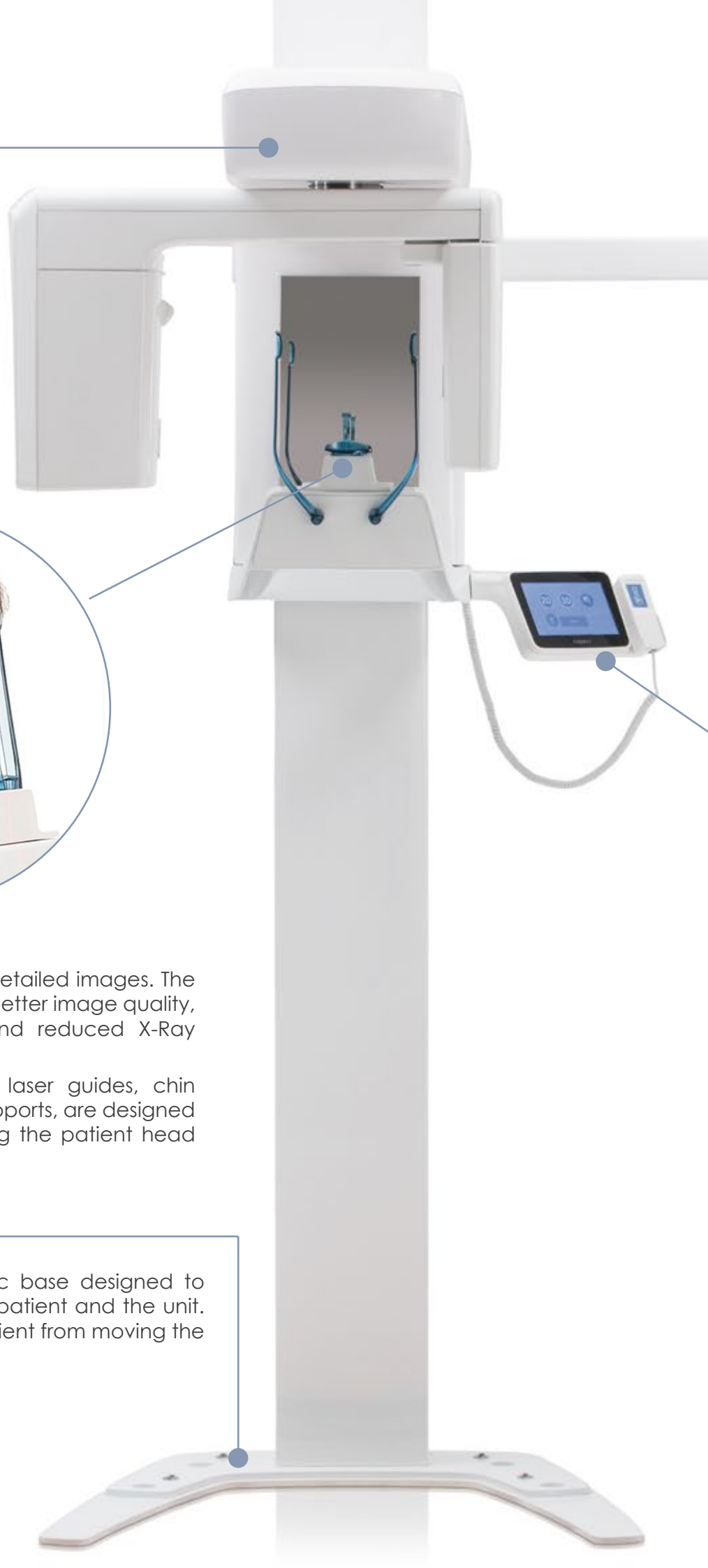
## Patient positioning

Positioning is important to obtain detailed images. The correct patient alignment means better image quality, less time for the examination and reduced X-Ray exposure.

The X-VIEW support accessories, laser guides, chin support and the lateral temples supports, are designed for an optimal positioning, keeping the patient head aligned in the focal trough.

## Metallic base

X-View is supported on a metallic base designed to maintain the stability of both, the patient and the unit. The metallic base prevents the patient from moving the unit causing image distortions.



# X-VIEW

Trident presents X-VIEW; the integrated system to acquire and manage 2D, 3D and cephalometric HD digital images.

## Upgrade, change and grow

X-VIEW evolves and develops in response to your needs. You can easily start with the entry-level unit and move towards the 3D or CEPH unit according to your needs.

The X-VIEW unique upgradable configuration gives you access to four different options:

- 2D PAN
- 2D PAN CEPH
- 3D PAN
- 3D PAN CEPH



## 7-inch colour touchscreen

The screen opens access to all commands and functions to directly configure the unit during the patient positioning phase. The size of the screen is ideal for the user to quick and easily read the icons to browse the menu.

## Multiuser Deep-View®

Software for images reconstruction and management.

# X-VIEW 2D PAN

The X-View family begins with X-VIEW 2D PAN, the entry level model with ergonomic and clean design to perfectly fits into your workspace.

X-VIEW 2D PAN offers high-level technological development for the acquisition of clear 2D images:

- Exposure time of 14.3s for children and 15s for adults
- DC high frequency generator
- 151 x 6,9 mm active area
- 15 x 30 cm HD images
- 0.5 mm focal spot
- Sensor TDI CCD

## 2D PROGRAMS

### Standard Panoramic

Adult Standard Panoramic  
Child Standard Panoramic  
Adult Right/Left Hemi Panoramic  
Child Right/Left Hemi Panoramic  
Adult/Child Frontal Dentition  
Adult/Child TMJ open/close mouth  
SINUS

### Optionals

Reduced dose Panoramic  
Improved Orthogonality  
Right or Left Bitewing  
Bitewing right to left

## 2D PAN is available in two versions:

The standard version, not upgradable, which remains original in its PAN functions; the upgradable version is adapted to allow the evolution to 3D PAN and / or PAN CEPH version.



A white, modern dental X-ray machine with a vertical column and a horizontal arm. The arm has a flat-panel detector at the end. A control panel with a screen is attached to the side of the column. The machine is designed for panoramic and cephalometric imaging.

# X-VIEW 2D PAN CEPH

Starting from the entry-level, the 2D PAN unit, we added a CEPH arm and a flat-panel detector to obtain 24 x 30 cm high resolution cephalometric images in less than 2 seconds, using the exclusive single shot technology.

## CEPH PROGRAMS

- L/L
- P/A
- A/P
- Carpus projection

### Flat panel detector for ceph images

To avoid possible damages caused when moving the sensor from one type of examination to another, X-VIEW 2D PAN CEPH uses a second image detector, a CR technology based flat panel with image reader included. The system adapts completely automatically to the function selected.

### Single Shot

While other units use a scanning system with an exposure time of 15 seconds, X-VIEW 2D PAN CEPH, significantly reduces the exposure time without affecting the quality of the image (taking a single shot in less than 2s). The single shot system prevents the complications deriving from movement when obtaining images by scanning.

# X-VIEW 3D PAN

Trident introduces the most advanced CBCT – Cone Beam Computed Tomography – technology for the acquisition of volumetric images of the dental arch.

- CMOS Flat panel sensor 13 x 13 cm active area with 100µm pixel size
- Real FOV 8,5 x 8,5 (not stitching)
- Recently developed geometrical calibration
- Post-process function for 2D PAN images obtained with the 3D sensor



Same  
sensor  
for 2D and  
3D images

An efficient two-in-one solution to obtain 13 x 30 cm 2D PAN images and 8.5 x 8.5 cm volumetric images in just 10 seconds.

## Xelis Software

For implant planning and simulation, available in two versions:

- Xelis Advanced Implant
- Xelis Basic Implant



# X-VIEW 3D PAN CEPH

The exclusive three-in-one system integrates the 2D and 3D functions to the cephalometric analysis.

In addition to the features of the 3D PAN, this model is equipped with an arm for cephalometric images and the CR 2430 detector, a CR technology based flat panel with incorporated image reader that allows obtaining 24 x 30 cm high-definition cephalometric images in less than 2 seconds, using the exclusive single-shot technology.

- CMOS Flat panel sensor 13 x 13 cm active area with 100 µm pixel size
- Real FOV 8,5 x 8,5 cm (not stitching)
- 24 x 30 cm HD cephalometric images
- 8.5 x 8.5 volumetric images
- 13 x 30 cm 2D PAN

# XELIS Implant Planning Software



A unique tool to assist you in implant surgery:

- Takes transversal cross sections of the dental arch for preliminary implant evaluation and follow up.
- Clearly indicates the correct position and size of the implants to use.
- Visualizes with precision the nerve channels, and determines the angle for the surgery with greater effectiveness.

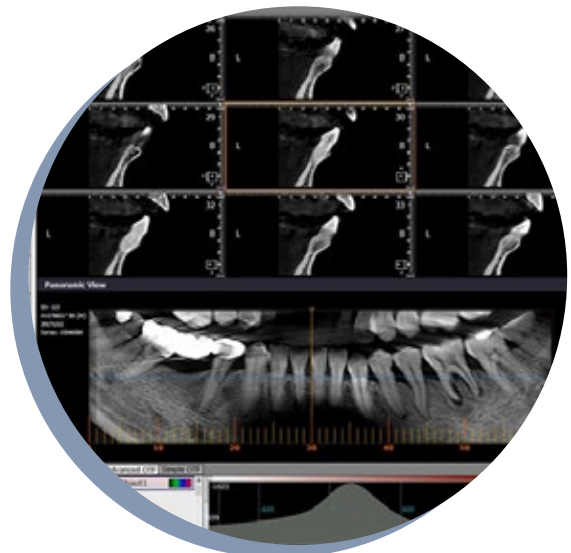
Xelis has a simple interface to help evaluating numerous clinical pathologies including fractures, included teeth, periodontitis and TMJ.

## Xelis Advanced Implant

DBM Xelis Dental Database  
Basic 3D Toolbar- including Measurement Tools, MPR, Cross Section  
Advanced Toolbar – Canal Draw / Implant Simulation / Utilities  
STL export – Save surface  
CD/DVD/USB export – Image export to external storage  
Batch Print – One click Image Batch Print (Axial, Panoramic, Cross Section)  
DLB – Dynamic Light box  
Image stitching  
Report – Captured Image Management and Report Generation  
DICOM Print and CD burning  
Net environment, optional multi user up to 10 users.

## Xelis Basic Implant

DBM Xelis Dental Database  
Basic 3D Toolbar – including Measurement Tools, MPR, Cross Section  
Advanced Toolbar – Canal Draw / Implant Simulation / Utilities  
Net environment, optional multi user up to 10 users.



Behind every  
great product,  
there is a great  
brand

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