

# PantOs DG *XP* Ceph



Digital  
**1-SHOT**  
Ceph

**BLUEX**

PantOs DG xp Ceph, the latest technologies for digital imaging in dental radiology.

A high performance system equipped with two specific imaging detectors designed for the finest results in panoramic and cephalometric modes.

Digital panoramic imaging includes the Standard and Child projections, Left, Right, and Frontal Dentition, Maxillary Sinus and TMJ.

Cephalometric imaging, built around an innovative 10x10 inch wide area digital detection system, instantly generates the radiographic picture on a computer screen, with a short X-ray exposure.

It is the quickest way to perform cephalometric analysis and measurements.

Imaging sensors are fixed. No slow scanning of the patient, no risk of movement, no image distortion.

The great benefits of a solid and reliable system.

More precise results, quickly.



# PantOs DG *xp* Ceph

P R O F E S S I O N A L   T E C H N O L O G Y

**PantOs DG *xp* Ceph** is a dental radiographic system featuring digital cephalometric modality in addition to direct digital panoramic. Interfacing to computer is through USB port.

## Cephalometric radiology

- Technique factors: anode voltage from 61 to 85 kV in 8 steps, current-time product from 2 to 25 mAs in 14 steps
- Source image distance 150 cm
- Magnification factor 11%



## Digital cephalometric receptor

- CCD large area sensor 50,2 x 50,2 mm
- Ceph imaging entry size: 10 x 10" (250x250 mm)
- Automatic calibration
- Image size: 2000 x 2000 pixels



## Digital panoramic receptor

- CCD sensor
- Spatial resolution > 5 line pairs per mm
- Acquisition dynamics on 12 levels
- Acquisition area equivalent to 15 x 30 cm
- Image size: 3200 x 1600 pixels

# BLUEX

## Blue X Imaging Srl

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