Panoramic x-ray system
- Constant potential high-frequency multi-pulse X-ray generator microprocessor controlled
- Focal spot 0.5 IEC 336
- Technique factors: anodic voltage from 61 to 85 kV, anodic current from 4 to 10 mA, maximum exposure time 15 s
- Source image distance 51 cm
- Panoramic examinations: Adult, Child, Left-Side Dentition, Right-Side Dentition, Anterior Dentition, Temporo-Mandibular Joint (TMJ) Open/Closed Mouth, Maxillary Sinus
- Cassette Size: 15x30 cm
- Weight: 200 kg
- Height: minimum 220 cm, maximum 227 cm
- Width: minimum 96 cm, useful 130 cm
- Depth: minimum 105 cm

Panoramic and cephalometric X-ray system
- Same X-ray generator of Panoramic version
- Source image distance: 165 cm
- Cephalometric examinations: Antero-Posterior, Latero-Lateral, Wrist
- Cassette Size: 18x24 cm/ 8x10”
- Weight: 240 kg
- Height: minimum 220 cm, maximum 227 cm
- Width: minimum 190 cm, useful 230 cm
- Depth: minimum 105 cm

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Blue X Imaging has a vast experience in manufacturing of dental radiographic systems. Products such as IntraOs 70, PantOs 16 e PantOs DG are well known and appreciated at worldwide level.

PantOs 16 xp and PantOs DG xp are newly designed systems based on advanced radiological technologies.

Operations
Precision alignment is done with patient still by means of 3 laser beams and a motorized system for carriage translation. Positioning tools include bite block and auxiliary chin rest. Temporal resting bars are available on request (optional extra). The frontal mirror can be angled. A pushbutton unlocks the brakes of the vertical movement. The overall structure is compact. A self-standing base is available too (optional extra).

Radiology
The X-ray generator features constant potential with high frequency electronics. The imparted dose is optimized during the exposure. A thermal protection minimizes the waiting time. Combined movements of rotation and translation of the carriage are program controlled.

Cephalometric procedures
The cephalometric version is available with lateral arm to take side (LL, Latero-Lateral) or frontal (AP, Antero-Posterior) radiographs of the skull, and wrist, for orthodontic procedures. A soft tissue filter is available with LL procedures. Adaptation of the system to teleradiography is done by means of rotation the tube-head in favour of the cephalostat, and selection of proper beam collimating window.

Control
Symbols are available for immediate set-up. 7 types of panoramic examinations and 3 for ceph, both combining 4 patient’s sizes. Technique factors, automatically provided by selection of examination and size of patient, can be adjusted if desired.
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