ORTHOPHOS XG 3

Digital panoramic X-ray for practical diagnostics
Many years of competence as a technological leader! For over a century now, Sirona (formerly Siemens Dental Systems) has been making history in the field of dental X-ray. Sirona was one of the co-inventors of panoramic X-ray and pioneered digital panoramic and cephalometric X-ray. This unique know-how and the first-class experience gained from the manufacture of over 55,000 panoramic X-ray systems are consistently applied to the development of new and innovative products. One excellent example of this is the ORTHOPHOS XG imaging family introduced in 2004, which set benchmark standards of image quality and simple operation.

The ORTHOPHOS XG 3 – the new foundation for digital imaging!

The “XG system family” is now being extended to include a new model, the ORTHOPHOS XG 3. It is designed for the general practice dentist who wants to add direct digital panoramic imaging at an affordable price.

The XG 3 offers you an outstanding price-performance ratio and provides the following benefits:
- High quality digital images instead of film
- Extremely simple operation
- Solid workmanship

System concept

- Effective 3-point patient stabilization
- XG panoramic sensor (CCD)
- Centrally-controlled, motorized height adjustment, forehead and temple supports
- Simple operation with the “Multipad”
- Direct network capability
ORTHOPHOS XG 3 –
A valuable approach to good image quality.

ORTHOPHOS XG 3 –
Simple operation for higher efficiency

Certain positioning!
The ORTHOPHOS XG 3 uses the proven, logical Sirona principles for good image definition:
- Exact, immediate positioning of the anterior teeth in the focal layer.
- Effective, comfortable patient stabilization with forehead and temple supports to prevent motion blurring.
- Patients face themselves in the mirror for easy entry and fewer distractions.

Proven technology!
The advanced technology of the XG product family enables the ORTHOPHOS XG 3 to produce high quality diagnostic images. The benefits include:
- Specific focal layers and orbital paths for anatomically optimized exposures.
- Very detailed display of the anterior tooth region through automatic kV adaptation as X-ray beam passes through spinal region.
- 16-bit image acquisition technology provides more gray scales.
- SiDEXiS XG imaging software with useful analysis tools.

Simple operation!
ORTHOPHOS XG 3 continues the Sirona tradition: Easy operation pays off through consistent, reliable results and time savings.
- Patient positioning using only twlight localizers.
- Motorized adjustment of unit height, forehead and temple supports.
- Logical arrangement of centralized controls on the “Multipad” with flexible positioning.
- Exposure parameters selectable via intuitive patient symbol buttons.

Exact reproducibility!
The positioning and exposure parameters are automatically saved with the image data. This enables you to easily obtain truly comparable exposures for follow-up diagnoses.

Informative digital diagnosis!
With SiDEXiS XG imaging software, you are able to make an accurate diagnosis quickly and easily. The flexible analytical functions add to your diagnostic capabilities. The patient files can be accessed, enhanced and used for treatment explanation and planning from any computer on the office network.

One convenient approach is to use the integrated chair-side monitor on the Sirona treatment center for patient education.

Automatically saved positioning and exposure parameters
ORTHOPHOS XG 3 – Specific programs for a clear diagnosis.

- **P1**: Standard panoramic view with orthoradial beam direction, e.g., for basic diagnosis.
- **P1L / P1R**: Left or right half of P1, e.g., for follow-up exam diagnoses.
- **P1c**: Panoramic view with constant magnification of 1.25 to 1.
- **P1a**: Artifact-free panoramic view avoids double projection of shadows, i.e., caused by metallic items in the patients posterior teeth.

**Programs**
- Standard orthoradial full dentition (P1)
- Standard orthoradial left (P1L)
- Standard orthoradial right (P1R)
- Panoramic view with constant 1.25x magnification (P1c)
- Artifact-free panoramic view (P1a)
- Lateral TMJ program with open and closed occlusion (TM1)

ORTHOPHOS XG 3 – Technical data.

**Technical Data**

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**Technical features**
- Centralized control via “Multipad”
- Optional remote control
- 90 kV high-frequency generator
- Spinal column compensation via automatic kV increase
- CCD sensor technology with high-speed interface, 27 μm pixel size and image acquisition with 16-bit technology, 100 Mbit Ethernet data transmission
- State-of-the-art technology via integrated power/Canbus architecture
- SIOKIS XG image processing software
- Optional floor stand
- Suitable for patients in wheelchairs

**Remote control with display of exposure parameters.**

**Floor stand which can be screwed to the floor and can accommodate patients in wheelchairs.**

**ORTHOPHOS XG 3 Pay Per Exposure Digital Program**

Sirona’s “pay per exposure” (PPE) program gives dentists the power of digital without requiring the usual capital investment associated with purchasing a digital unit. Ideally suited for dentists building a practice, those interested in an entry-level digital or film-based unit, or those who simply need more functionality and better performance from their imaging system, the ORTHOPHOS XG 3 PPe delivers all the benefits of Sirona’s XG 3 digital panoramic unit – at an unbeatable price.

**ORTHOPHOS XG 3 PPe unit (P/n 60 05 586 PPe)**
- 50 exposures (P/n 61 30 343)
- 100 exposures (P/n 61 30 350)
- 200 exposures (P/n 61 30 368)
- 500 exposures (P/n 61 30 376)
- Unlimited Exposure Upgrade (P/n 61 40 961)

**How does the PPe Program work?**

Dentists make an investment for the panoramic unit, which is just slightly higher than a film unit.

You make payments based on frequency of use of the unit. You enjoy the option to purchase and use digital exposures, on a ‘pay as you go basis’, similar to an exposure debit card.

With the ORTHOPHOS XG 3 PPe you will benefit from all of the performance advantages of digital imaging, without the limitations and cumbersome operation of a film unit. Most importantly, making faster and more comprehensive diagnoses can result in additional treatment revenues and a quicker return-on-investment for your practice.
SIRONA – UNIQUE WORLDWIDE SYSTEMS EXPERTISE IN DENTAL EQUIPMENT PRODUCTS

Sirona develops and manufactures a comprehensive range of dental equipment, including CAD/CAM Systems for dental practices and laboratories, Instruments, Treatment Centers and Imaging Systems. Sirona manufactures high technology products that guarantee ease of use and a high return on investment – for the good of your practice and for the benefit of your patients.

Equipped for success. With Sirona.

For additional direct digital diagnostic imaging capabilities, ask your dental dealer about the rest of the Sirona Imaging product family.

ORTHOPHOS XG 5
ORTHOPHOS XG 3D ready
GALILEOS 3D IMAGING
Intraoral Solutions