XIOS^{PLUS} – THE INTRAORAL SENSOR SYSTEM

Systematic X-ray diagnostics – as flexible and individual as your dental practice.

XIOS^{PLUS} – THE INTRAORAL SENSOR SYSTEM

Simplify everything. Everything simplified.

Flexible

XIOS^{PLUS} takes the difficulty out of selecting your new intraoral sensor system since XIOS^{PLUS} fits into any dental practice regardless of whether you want to work with Ethernet or USB.

Safe and easy handling

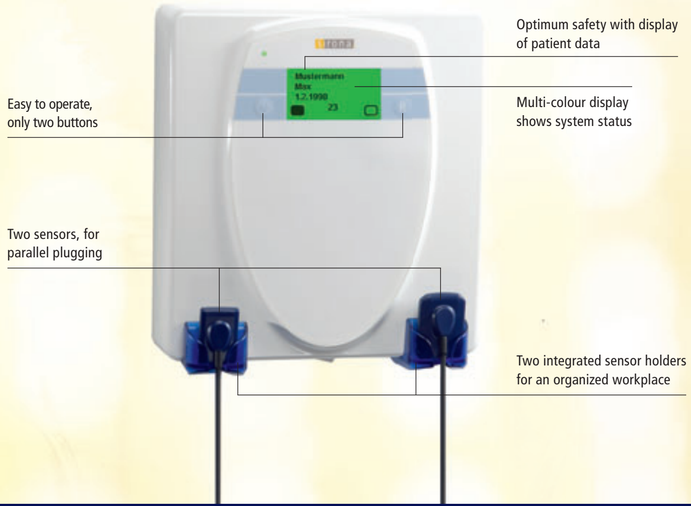
XIOS^{PLUS} sensors provide exposures in outstanding Sirona image quality and visually facilitates the diagnostic process that takes place in the SIDEXIS XG software directly on your monitor. Thanks to the plug & play sensors, the installation and handling is a snap.

XIOS^{PLUS} – THE INTRAORAL SENSOR SYSTEM

USB or Ethernet operation – The choice is yours.

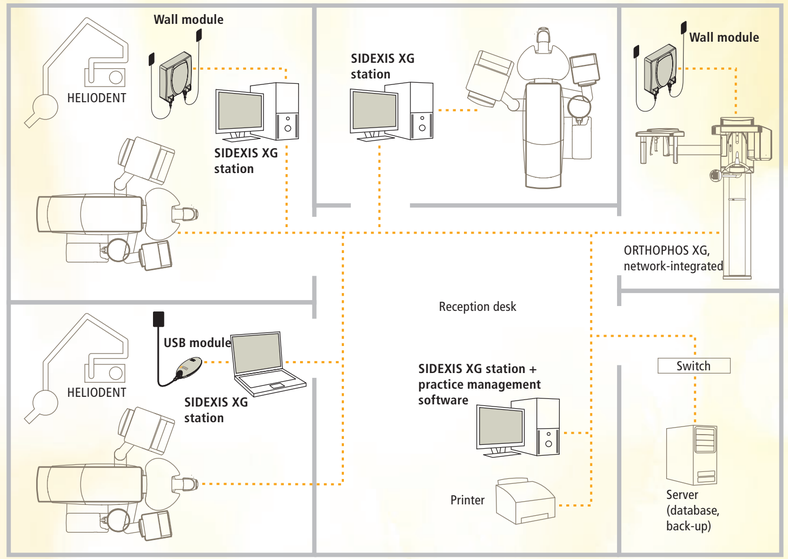
With its flexible choice of USB or Ethernet operation, XIOS^{PLUS} brings an advanced yet easy to use system to your dental practice. The wall module in its elegant, functional design facilitates the use of the practice network. The clearly structured multi-colour display allows for quick and safe use of the sensors. With the USB option, the entrance to the world of digital X-rays is more affordable than ever. Thanks to the attractive price of the USB module, the system is always expandable. The sensors can be operated exactly where they are needed at the moment they are needed.

Plan your future with XIOS^{PLUS} – a custom fit!



XIOS^{PLUS} – PERFECT PLANNING SYSTEM

As flexible and individual as your dental practice.



XIOS^{PLUS} X-ray components are easy to integrate into the practice network.

Maximum flexibility
XIOS^{PLUS} offers a custom-tailored intraoral sensor solution for every dental practice. The sensors can be operated with the USB module in exactly the place where they are needed or comfortably integrated into the full practice network with a wall module.

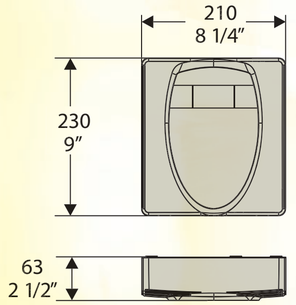
Immediate transfer to the practice network
The directly network-enabled wall module lets you make the most of your digital practice. The advantages are clear, as each PC in the practice network can communicate with the wall module, establish exposure readiness, and receive X-ray images. The data is centrally stored on a server and can be accessed from any PC.

Reliability in daily work routine
The generously dimensioned colour display of the wall module shows the patient's name and date of birth, file number or tooth to be X-rayed. Different colours provide information about the system status. Two additional sensor symbols show whether a sensor is plugged in and ready to operate. When the wall module is not in use, it can be switched to the energy-efficient standby mode.

Functional design
The wall module allows for plugging two parallel sensors. Thanks to the integrated sensor holders, your workplace stays organized – no more annoying searches for the matching sensor and it is also a safe place to keep your sensitive technology when not in use.

Ergonomic sensors
With their rounded corners, beveled edges, and cable outlet in the rear, positioning the sensors is a breeze. The two sensor sizes cover the entire intraoral imaging range.

Intelligent USB module design
The image acquisition USB module is simply connected to the PC as a link between the sensor and the PC. The plug & play sensor system can be operated at multiple PCs without any lengthy installation process. The USB module features two clearly structured LED displays that show the system status.



Space-saving Ethernet solution – the functional wall module that fits into any room.

Technical Specification	XIOS^{PLUS}
Sensors	
Sensor 1: Active surface	20 x 30 mm
Sensor 1: Overall dimensions	24.8 x 38.5 mm
Sensor 2: Active surface	25.6 x 36 mm
Sensor 2: Overall dimensions	31.3 x 44.5 mm
Sensor resolution	15 µm
Sensor cable length	3 m
USB module	
Dimensions of USB module	132 x 80 x 37 mm (H x W x D)
Weight of USB module	104 g
USB port of USB module	Version 2.0 or 1.0
Wall module	
Wall module dimensions	23 x 21 x 6.3 cm (H x W x D)
Wall module weight	1.2 kg
Line voltage	100 – 240 V, 50/60 Hz
Line voltage deviation	± 10%

"I truly enjoy working with the new XIOS^{PLUS} system and the Ethernet solution. The system has improved the workflow of my practice enormously."
Christiane Arnolds, Dentist, Mönchengladbach

"The quality of the intraoral images is very convincing; I am glad to finally have images that are 100% diagnosable."
Dr. Hans-Jürgen Weise, Dentist, Rheinfelden

"The positioning of the large sensor is a snap with the anatomically rounded sensor corners and the XIOS^{PLUS} sensor holder."
Stephanie Woitke, Dental Assistant, Dental Practice Sorbi, Bensheim

XIOS^{PLUS} – DIGITAL X-RAYS WITH OUTSTANDING IMAGE QUALITY

Diagnosable images within seconds – digital radiology with XIOS^{PLUS} and SIDEXIS XG.

With two sensor sizes to choose from in individual and network mode, XIOS^{PLUS} is an intraoral sensor system that offers maximum freedom and flexibility. The high image resolution of the sensors guarantees the proven Sirona image quality. Thanks to its easy interface and reliable handling, XIOS^{PLUS} is the ideal practice system for digital radiology.

The perfect decision for today and tomorrow.

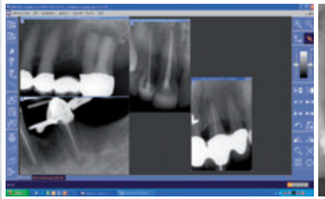
Comfortable for the patient – easy for the team
The new XIOS^{PLUS} sensors are especially easy to handle because of the flattened cable outlet, beveled edges, and anatomically rounded corners. Together with the proven XIOS sensor holders, which are smaller than the sensors themselves, positioning is easy and pleasant for dental staff and patients alike.

Plug & play sensors – faster than ever
Digital intraoral radiography has just become even less time-consuming and much easier in two ways: The sensor files integrated in the chip eliminate the need for lengthy sensor installation. Once it is plugged in, the sensor is immediately ready to use. The advantages of digital radiology are particularly evident when it comes to data availability. The images are available within seconds, virtually in real time, for diagnosis at the monitor without the need for complex film development or image reading – an immense gain in time and work quality.

Diagnostic quality thanks to leading technology
The modern APS[1] CMOS sensor technology, the perfect combination of low image noise with optimal resolution, and the balanced, automatic pre-processing result in outstanding image quality for a wide range of diagnostic findings. The image displayed on the screen can be diagnosed immediately – a great advantage, e.g. when taking X-rays at the treatment center during a root canal treatment.

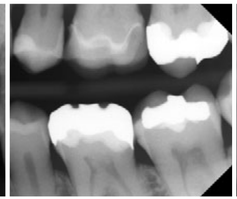
Optimal work conditions with SIDEXIS XG
The globally renowned SIDEXIS XG radiology software simplifies diagnosis and documentation. The tools and analytical functions of the system retrieve a maximum amount of information from every digital X-ray image. Drawing tools and electronic memos simplify communication with patients and colleagues. Images can easily be imported and exported, and the DICOM 3 standard is supported. Only one SIDEXIS XG license is required for the entire practice.

[1] *APS: Active Pixel Sensor*

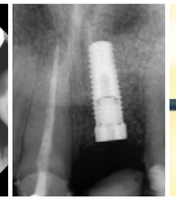


Perfect X-ray diagnostics with SIDEXIS XG.

Multiple cavities in 11, 21, 22, 23, no apical irregularities, horizontal bone depletion.



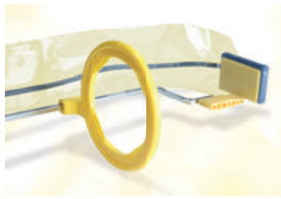
37 primary defect mesial, 26 crown edge gap mesial.



Implant check-up after healing.

Anatomically rounded corners for easy positioning.

XIOS^{PLUS} sensor design: very flat shape with rounded edges.



Simple genius: the ergonomic XIOS sensor holder system.

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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 (CEREC) and laboratories (inLab), Instruments and Hygiene Systems, 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. In this way, you can approach every challenge you face with confidence. **Enjoy every day. With Sirona.**

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