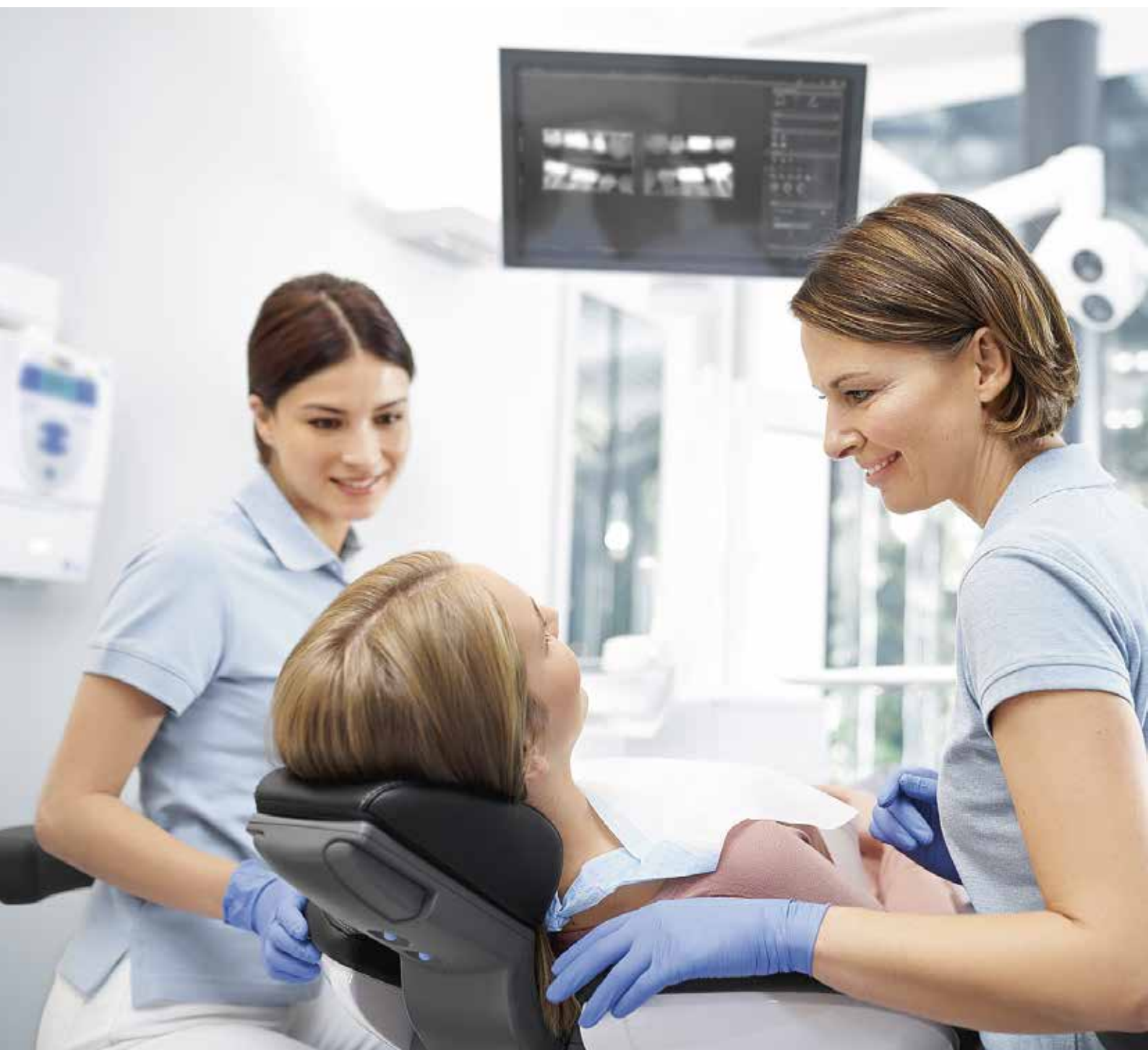


THE DENTAL
SOLUTIONS
COMPANY™



The intraoral x-ray family

dentsplysirona.com



Every practice is different

Each dentist has their own individual needs and requirements. Each practice is different – from patient numbers to equipment to architectural design. Thanks to the modularity of its intraoral x-ray products, Dentsply Sirona offers the perfect x-ray solution for every dentist and every practice. The intraoral x-ray family is always the right choice, enabling complete flexibility and an optimum workflow for every requirement thanks to the perfect combination of hardware and software solutions.

Quality and reliability

Made in Germany quality from Dentsply Sirona means the highest level of durability, reliability and workmanship.

Flexibility through modularity

Enjoy the wide range of modular options that perfectly fit your individual practice workflow perfectly.

Outstanding image quality

Optimum diagnostic reliability thanks to high-resolution images at the lowest dose.



The right solution for every workflow

Whether you're taking your first steps into the digital world or establishing or updating a fully digital practice, the solutions offered by the intraoral x-ray family always offer the right product for your individual workflow. And Dentsply Sirona will be there for you, whether you are looking for a seamless transition from semi-digital to 100% digital or from analog to digital.

1 Heliodent Plus

The modularity of the x-ray tube assembly Heliodent Plus enables it to adapt to your practice's surroundings, forming the basis for optimum x-ray images and allowing you quick and secure operation.

2 Entry in the digital world...

Xios Scan

Do you take x rays with film and would prefer maintaining this current process while also having the option of working digitally? The imaging plate scanner Xios Scan enables you to enter the digital world of x-rays while working with you or your practice's existing workflow.

2 ...or 100% digital

Xios XG Supreme and Xios XG Select

Are you looking for a solution that offers you all the possibilities of digital x-rays? With the Xios XG sensors, you don't just get x-ray images in HD quality and with diagnostic-focused filter functions; your workflow also becomes quicker and more flexible.

3 Sidexis 4

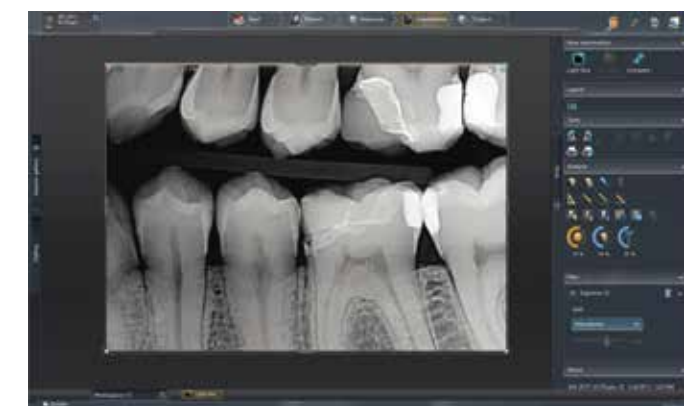
A modern design and intuitive tools – Sidexis 4 is the new centrepiece of the Dentsply Sirona x-ray family.



Working digitally is this easy

Sidexis 4 – this is the core of the digital workflow with Dentsply Sirona

With its intuitive user interface, this software has a very simple structure: it follows the clear structure of your work processes and provides at all times complete visual patient data seamlessly and at a glance – whether 2D, 3D or intraoral. This optimally integrates your patients and thus results in high acceptance of your treatment proposal. Sidexis 4 stands for real x-ray efficiency and gives a quick overview of the entire history of the patient. This allows you to add a time dimension to your diagnostic options in a very intuitive way. The lightbox is ideal for a comprehensive diagnosis, as 2D and 3D images as well as camera images and facescan data can be compared side-by-side.



Structured & clean setup for intuitive working

Advantages at a glance

- Modern design
- Software platform for all Sirona x-ray units
- Intuitive operation, optimally coordinated workflows
- Simple overview of the patient history thanks to the intuitive timeline
- Easy export of DICOM data sets
- Interface of the integrated solutions from Dentsply Sirona



1

Dentists trust in Dentsply Sirona

Imaging systems from Dentsply Sirona have been known for years to provide reliable quality and perfect results. They allow every dentist the opportunity to create an individualized practice. Let the intraoral x-ray family convince you, too.



2



2



3



"I have been working with digital x-ray units for over 20 years and for 15 of those years I have been using Dentsply Sirona products. For me, the Xios XG Supreme represents the biggest advance in image quality and intraoral diagnostics that I have seen in this time."

Dr. Jan Kirkedam, Norway



"We use Xios XG Supreme sensors together with the Heliodent Plus unit and especially appreciate the high image quality, which really surprised us. And there are also the case-specific setting options in the dynamic focus control that we can use to adjust our images based on the different findings, such as endo or perio cases."

Dr. Stefanie Kloß-Wahlig, Heppenheim



"We could feel the difference immediately after switching to Dentsply Sirona x-ray units. The accuracy and speed is incomparable. I would definitely recommend Dentsply Sirona to any colleague looking for a digital solution."

Dr. Seya Sivendra, Adelaide



"I'm glad about the wide range of x-ray solutions. I can take x-rays in my practice the way I like. I don't have to adjust to the products. The products adjust to me. Regardless of the x-ray unit I choose, the result and route taken are always optimal for me."

Dr. Antoine Hirardot, Le Man

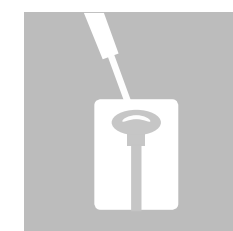
The highest degree of flexibility

The modularity of the intraoral family allows Dentsply Sirona to meet every dentists' needs with a customized solution. Whether you have a small practice with just two rooms or a big practice with multiple rooms and treatment centres, all products can be configured to your needs. This allows for perfect integration into your practice and provides optimum results.



Versatile usage

The Heliident Plus offers a range of mounting options, such as on the wall, on the ceiling, directly on the treatment centre or on a mobile unit. Thanks to three different arm lengths, it can also be configured optimally for each treatment room. The x-ray tube assembly adapts to your spatial requirements and allows you to work exactly the way you want to.



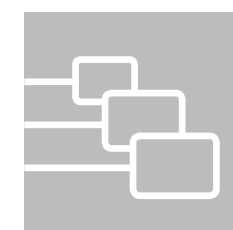
Cable exchange

Various cable lengths and an easy-to-change cable for more investment security and flexibility.



USB and WiFi

Solutions from Dentsply Sirona with or without cables ensure that you can work quickly and efficiently, while maintaining outstanding quality, even with high patient numbers.



Multiple sizes

Both the imaging plates and sensors are available in multiple sizes, enabling even greater customized solutions for every patient and treatment situation.

The best image quality for every solution

Be it sensors, imaging plates or x-ray tube assemblies: The image quality from Dentsply Sirona's intraoral x-ray family speaks for itself – naturally with the lowest dose according to the ALARA* principle.



Xios XG Supreme and Xios XG Select



Xios Scan



Heliodent Plus

* As Low As Reasonably Achievable

Xios XG Supreme

With 33 Lp/mm* and a CSI scintillator, here is what the XIOS XG Supreme sensor offers above all: low-noise, optimum contrast and high-resolution x-ray images for your diagnoses within seconds. This is why it is ideal for use directly in the treatment room. XIOS XG Supreme stands for modern intraoral x-rays at the highest level.

“The Xios XG Supreme sensors give me additional security for my diagnoses and my treatments.”

Dr. Anthony Ratanawongprasat, Australia



Your advantages with Xios XG Supreme

- Outstanding image quality
- The dynamic sharpening slider individually optimizes images
- WiFi option for wireless image transmission
- Easy-to-change cable



0%



50%



100%

Individual image optimization with the software

Outstanding image quality is only the start for the Xios XG Supreme. With the dynamic sharpening slider and task specific image enhancements, you can individually set sharpness, brightness and contrast for five different diagnoses. A one-time configuration saves more time, enabling images to immediately appear in your preferred setting.



*Theoretical resolution

Xios XG Select

XIOS XG Select is the solution for every economically-minded dentist who doesn't want to miss out on an outstanding workflow. Multiple connection options, sensor sizes and simple operation make XIOS XG Select completely flexible and reliable, while the high image quality optimally supports your diagnosis.

Your advantages with Xios XG Select

- High cost-effectiveness
- Good image quality
- WiFi option for 360° Patient Access
- Easy-to-change cable



Consistently high image quality

The Xios XG Select digital sensor consistently offers high image quality, without any loss due to scratches, and ensures both rapid and safe diagnosis at a low dose.



Wall module for network operation

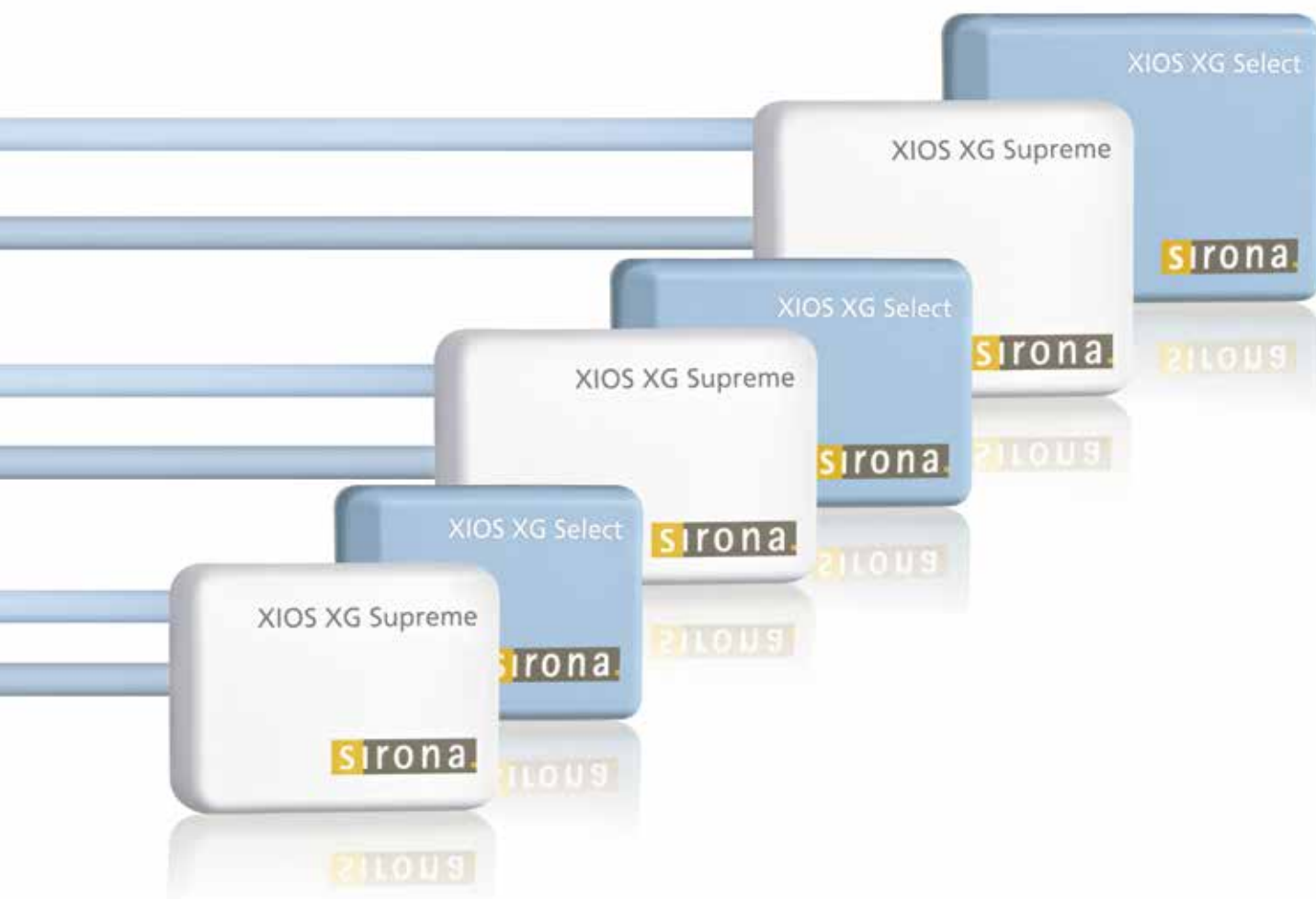
- Safety through displaying patient data, e.g., name, date of birth, card index number, tooth to be imaged
- Additional LED Strip visualizes system status
- Sensor symbols show if a sensor is connected and ready for operation
- Two sensor holders for a clutter-free work environment
- Wall module also available for Xios XG Supreme

The right sensor for every need

Xios XG Supreme and Xios XG Select sensors offer the best workflow and top image quality. The sensors can be adapted in size and used in your day-to-day work and practice. They further guarantee as well as guaranteeing the most efficient x-rays at the highest level.

Sensor sizes

- Size 2: Adult bitewing and single tooth images
- Size 1: Single tooth images for smaller adults and bitewings for tall children
- Size 0: Pediatric images



The WiFi option gives you an outstanding workflow and complete flexibility in any practice.



Best image quality

Outstanding image quality ensures detailed x-ray images. This allows for quick and reliable diagnoses.



Expansion options

The Xios XG sensors can optionally be equipped with USB or WiFi. A problem-free expansion from USB to WiFi technology is possible at any time.



Easy-to-change cable

Taking less than a minute, the exchangeable cable offers the ability to change connectivity options, change cable length and replace a damaged cable on-site, guaranteeing optimum investment security.

Xios Scan

The Xios Scan enables smooth and problem-free entry into the digital world of x rays. If converting from film to digital but you still want to maintain your familiar way of working, imaging plate technology opens up a number of possibilities. Without the need for a darkroom and chemicals, digital imaging offers many advantages and your team can continue to work with its well-established procedures.



Optimally prepared

Change the size depending on the patient and case or easily generate a series of images. For better differentiation, the active plate side features blue backing.

Scanning without scratches

The smooth insertion of the plate into the Xios Scan without mechanical pressure load prevents any unnecessary damage to the imaging plates and thus ensures particularly high durability.

Image quality

The digital images are of remarkable quality and make for an efficient workflow within the Sidexis 4 Software.



Your advantages with Xios Scan

- Smooth start in the digital world of x-rays
- Simple workflow
- High image quality
- Various plate sizes
- Automatic plate detection
- Compact and high-quality processing

Heliodent Plus

The intraoral x-ray unit Heliodent Plus allows for optimal functionality in every practice. Both the modularity of its installation options as well as its image quality exceed every expectation.

Sophisticated installation

Thanks to its various installation options, Heliodent Plus flexibly adapts to every x-ray situation in every room of your practice, regardless of room dimensions. Whether wall module or ceiling mount, on the treatment center or mobile control unit installation, you choose the x-ray module that offers optimum workflow.



Your advantages with Heliodent Plus

- Safe and intuitive operation
- Flexibility thanks to the three support arm lengths
- Can also be operated outside the x-ray room thanks to the remote function
- Robust quality ensures durability



Wall model



Remote Control



Remote Timer



Manual release



Heliodent Plus on the treatment center



Heliodent Plus with mobile stand



Heliodent Plus with ceiling mount



Ceiling combination with LEDview mount



20 cm standard cone



Round cone extension, 30 cm



Square cone extension, 30 cm

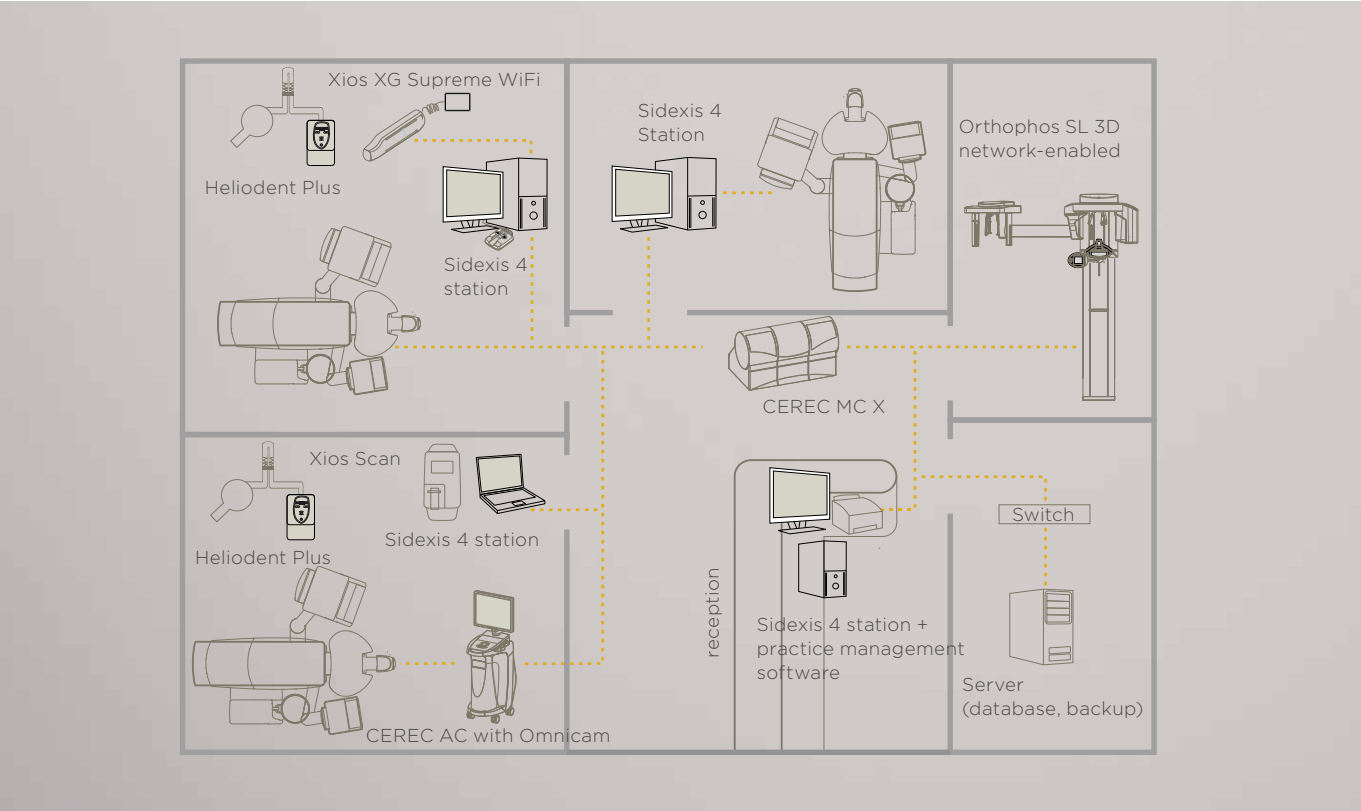


Configure your Heliodent Plus at:
sirona.com/heliodent-configurator

Technical Data

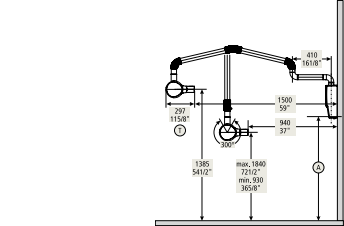
Xios XG Supreme	
Sensors	
Sensor 0: Active surface	18 mm x 24 mm
Sensor 0: Overall dimensions	23.6 mm x 32 mm x 7.5 mm
Sensor 1: Active surface	20 mm x 30 mm
Sensor 1: Overall dimensions	25.4 mm x 38.3 mm x 7.5 mm
Sensor 2: Active surface	25.6 mm x 36 mm
Sensor 2: Overall dimensions	31.2 mm x 43 mm x 7.5 mm
Physical pixel size	15 µm
Measured resolution	28 Lp/mm
Theoretical resolution	33 Lp/mm
Sensor cable length	Up to max. 2.7 m
USB module	
USB port of USB module	Version 2.0
Power supply	USB port
WiFi	
Technology	IEEE 802.11b/g
Charging station for WiFi Function	Storage device and charger with LED status display

Xios Scan	
Dimensions (H x W x D)	363 mm x 163 mm x 286 mm
Weight	7.3 kg ± 0.5 kg
Pixel size	23 µm
Theoretical resolution	22 Lp/mm
Interface	LAN
Dimensions Storage plate intraoral	
Size 0	31 mm x 22 mm
Size 1	24 mm x 40 mm
Size 2	31 mm x 41 mm
Size 3	27 mm x 54 mm

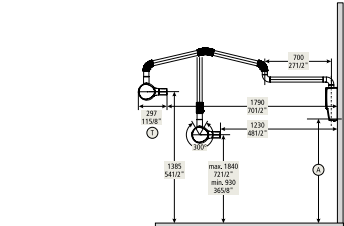


Xios XG Select	
Sensors	
Sensor 0: Active surface	18 mm x 24 mm
Sensor 0: Overall dimensions	23.5 mm x 32 mm x 6.3 mm
Sensor 1: Active surface	20 mm x 30 mm
Sensor 1: Overall dimensions	25.3 mm x 3.4 mm x 6.3 mm
Sensor 2: Active surface	25.6 mm x 36 mm
Sensor 2: Overall dimensions	31.2 mm x 43.9 mm x 6.3 mm
Physical pixel size	15 µm
Measured resolution	16 Lp/mm
Theoretical resolution	16.7 Lp/mm
Sensor cable length	Up to max. 2.7 m
USB module	
USB port of USB module	Version 2.0
Power supply	USB port
WiFi	
Technology	IEEE 802.11b/g
Charging station for WiFi Function	Storage device and charger with LED status display

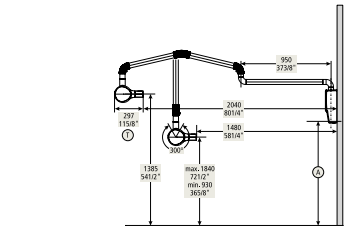
Heliodent Plus	
Generator type	High-frequency generator for constant high voltage
Tube voltage	Adjustable between 60 kV and 70 kV
Tube current	7 mA
Focal spot	0.4 (IEC 336)
Line voltage	120-240 V ± 10 % without switching, 50/60 Hz
Exposure time	Incrementally adjustable from 0.01 to 3.2 s
Detector media	Preset for film and XIOS XG sensors, exposure times can be individually adjusted, also for imaging plates and other sensor systems
Display	Multicolored display to show the different system states
Focus-to-skin distance	Standard 20 cm, optional 30 cm
Available installation options	Wall-mounted installation with three arm lengths, model mounted on treatment center, installation with manual release, remote control or remote timer, ceiling model, ceiling combination with LEDview, mobile model



Heliodent Plus, medium support arm*



Heliodent Plus, long support arm*



Heliodent Plus, extra long support arm*

* Exact dimensions of installation in the installation requirements

Dentsply Sirona

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Procedural Solutions

Preventive
Restorative
Orthodontics
Endodontics
Implants
Prosthetics

Enabling Technologies

CAD/CAM
Imaging
Treatment Centers
Instruments