

THE INTRAORAL X-RAY FAMILY



SIRONA.COM

The Dental Company

sirona.

EVERY PRACTICE IS DIFFERENT.

Each dentist has their own individual needs and requirements. Each practice is different – in their patient numbers, equipment or architectural design. Thanks to the modularity of its intraoral x-ray products, 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. **Enjoy every day. With Sirona.**

QUALITY AND RELIABILITY

MADE IN GERMANY Quality from Sirona means the highest level of durability, reliability and workmanship.

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FLEXIBILITY THROUGH MODULARITY

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

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OUTSTANDING IMAGE QUALITY

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

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THE RIGHT SOLUTION FOR EVERY WORKFLOW.

Whether you're taking the first steps into the digital world or establishing or updating a fully digital practice, the solutions offered by the intraoral x-ray family always give you the right product for your individual workflow. And 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.

SIDEXIS 4



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

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Simple overview of the patient history

The timeline gives us 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.



Compare images directly

Ideal for a comprehensive diagnosis: In the lightbox, 2D and 3D images as well as camera images and facescan data can be compared side-by-side.



WORKING DIGITALLY IS THIS EASY.

SIDEXIS 4 – this is the core of the digital workflow with Sirona.

The software with its intuitive user interface has a very simple structure: it follows the clear structure of your work processes and provides you at all times with all visual data of your patients seamlessly and at a glance – whether 2D, 3D or intraoral. This integrates your patients optimally and thus results in a high acceptance of your treatment proposal. SIDEXIS 4 stands for real x-ray efficiency.



Clear and understandable workflows

The software structure with easy-to-understand symbols makes it simple to use. It is geared to your practice workflows and it helps the entire practice team to use the software intuitively.

- 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 Sirona

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.

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HELIODENT^{PLUS}

100% DIGITAL

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.

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XIOS XG Supreme and XIOS XG Select

ENTRY IN THE DIGITAL WORLD

You take x-rays with film and want to keep working like this, but you also want to work 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.

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XIOS Scan

DENTISTS RELY ON SIRONA.

Sirona's x-ray units have long stood for reliable, quality workmanship and for perfect results. They enable dentists to individually equip their practice. You, too, should try out the intraoral x-ray family and be impressed.



„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 Mans



„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 Klob-Wahlig, Heppenheim



„WE COULD FEEL THE DIFFERENCE IMMEDIATELY AFTER SWITCHING TO SIRONA X-RAY UNITS. THE ACCURACY AND SPEED IS INCOMPARABLE. I WOULD DEFINITELY RECOMMEND SIRONA TO ANY COLLEAGUE LOOKING FOR A DIGITAL SOLUTION.“

Dr. Seya Sivendra, Adelaide

THE HIGHEST DEGREE OF FLEXIBILITY.

The modularity of the intraoral family allows Sirona to meet every dentist's need 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 so that they integrate perfectly into your practice and give you optimum results.



VERSATILE USAGE

The HELIODENT^{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.



MULTIPLE SIZES

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



USB AND WIFI

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

THE BEST IMAGE QUALITY WITH EVERY SOLUTION.

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



XIOS XG Select
and XIOS XG Supreme



XIOS Scan



HELIOIDENT^{PLUS}

ALARA-
PRINCIPLE

HD-
IMAGE QUALITY



XIOS XG Supreme

With 33.3 Lp/mm and a CSI scintillator, the XIOS XG Supreme sensor offers you one thing 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.

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



"THE XIOS XG SUPREME SENSORS GIVE ME ADDITIONAL SECURITY FOR MY DIAGNOSES AND MY TREATMENTS."

Dr. Anthony Ratanawongprasat,
Australia

"I HAVE BEEN WORKING WITH DIGITAL X-RAY UNITS FOR OVER 20 YEARS AND 15 YEARS OF THIS HAVE BEEN WITH SIRONA PRODUCTS. FOR ME, THE XIOS XG SUPREME REPRESENTS THE BIGGEST ADVANCE IN IMAGE QUALITY AND INTRA-ORAL DIAGNOSTICS THAT I HAVE SEEN IN THIS TIME."

Dr. Jan Kirkedam,
Norway

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 four different diagnoses. A one-time configuration saves more time, enabling images to appear in your preferred setting immediately.



0 %



50 %



100 %

The dynamic sharpening slider gives you the right image quality for each treatment situation, right at the touch of a button.

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 offers you consistently high image quality, without any loss due to scratches, and ensures both rapid and safe diagnosis at a low dose.



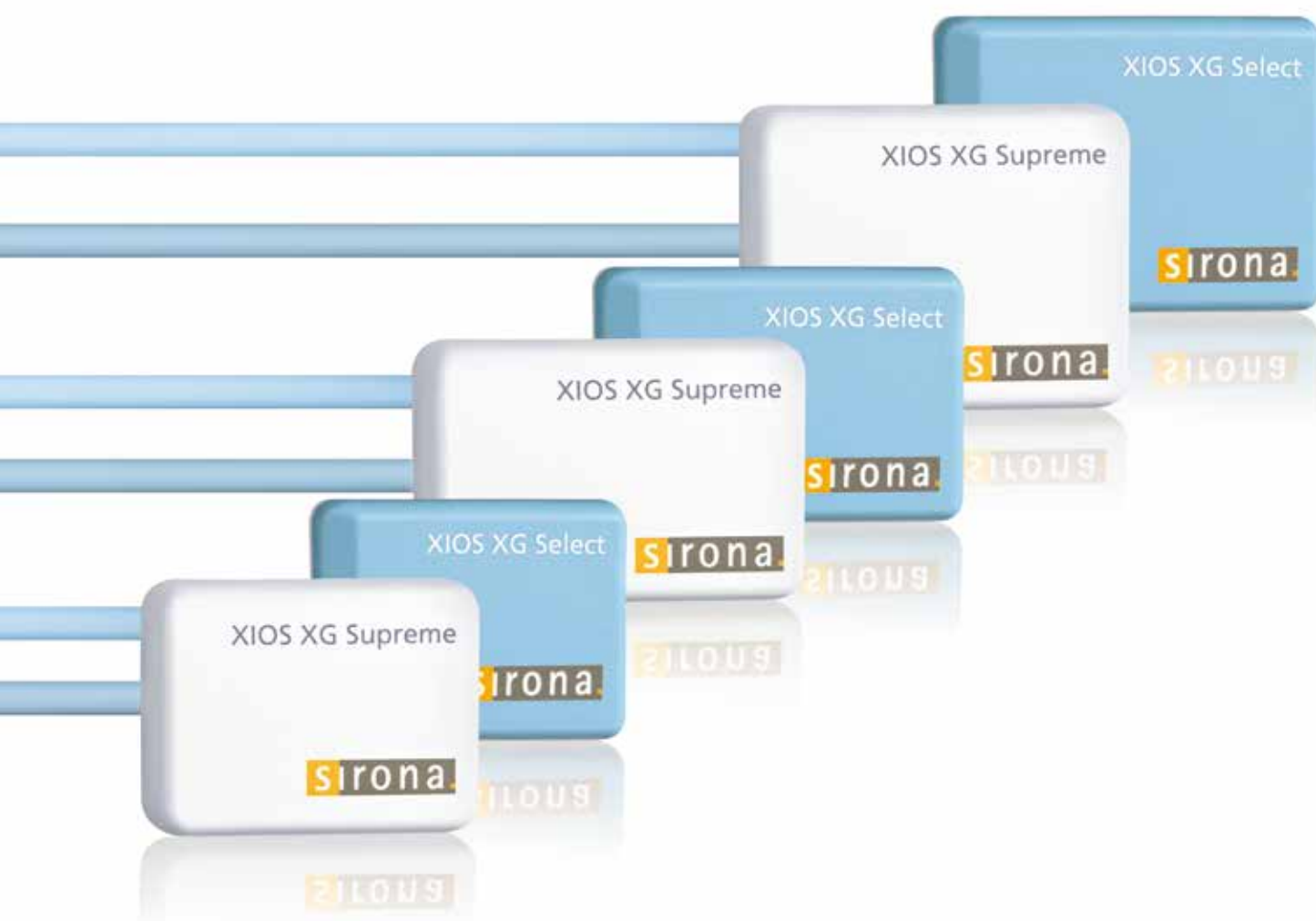
WALL MODULE FOR NETWORK OPERATION

- Safety through displaying patient data, e.g., name, date of birth, card index number, tooth to be imaged
- Sensor symbols show if a sensor is connected and ready for operation
- The display indicates the system status using different colors
- Simple operation with only two keys, optional stand-by mode
- Two sensors plugged in at the same time, two sensor holders for a clutter-free work environment



THE RIGHT SENSOR FOR EVERY NEED.

XIOS XG Supreme and XIOS XG Select sensors give you the best workflow and best image quality. The sensors can be adapted in size and use to your day-to-day work and your practice, as well as guaranteeing the most efficient x-rays at the highest level.



WiFi

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



Best image quality

The outstanding image quality ensures detailed x-ray images. This enables you to make quick and reliable diagnoses.



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.



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.

XIOS Scan

The XIOS Scan enables you to enter the digital world of x-rays smoothly and problem-free. If you convert from film to digital but still want to maintain your familiar way of working, imaging plate technology opens up a number of possibilities for you. 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.

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



Operation and compatibility

XIOS Scan imaging plates are available in four different sizes and feature white backing for optimum visibility in the oral cavity. You can change the size depending on the patient and case or you can also easily generate a series of images.

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 x-ray images are of outstanding quality and enable quick and uncomplicated processing in SIDEXIS 4.





SOPHISTICATED INSTALLATION.

HELIODENT^{PLUS} adapts to every x-ray situation in your practice, since thanks to its various installation options, it can be flexibly adapted to the dimensions of your rooms. Whether wall module or ceiling mount, on the treatment center or mobile control unit installation, you can choose the x-ray module that gives you an optimum workflow.

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.

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



20 cm standard cone



Round cone extension, 30 cm



Square cone extension, 30 cm



Configure your HELIODENT^{PLUS} on:
sirona.com/heliorent-configurator

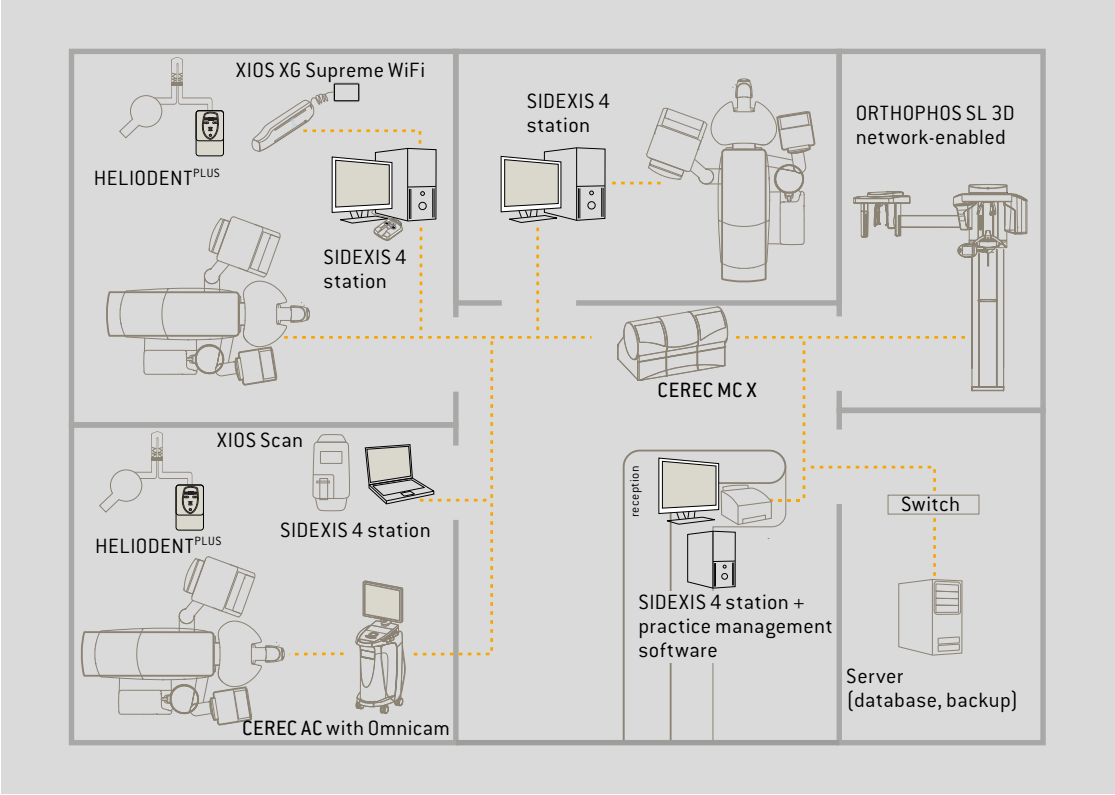
TECHNICAL DATA.

XIOS XG Supreme

	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	33,3 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

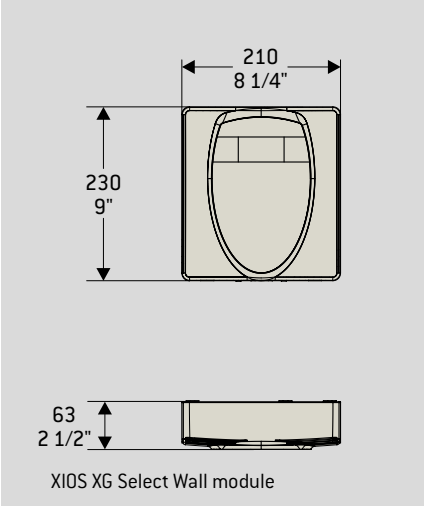
XIOS Scan

	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 selectable	23/30 µm
Resolution	22/17 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



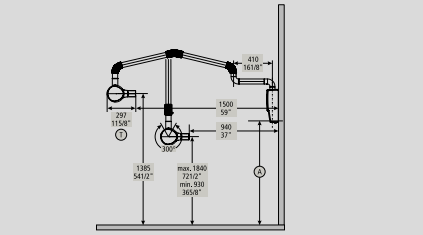
XIOS XG Select

	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 38,4 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

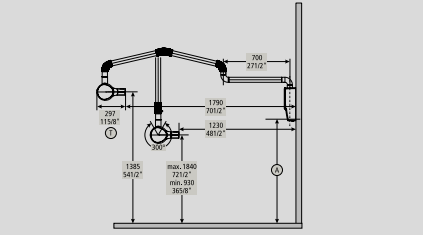


HELIODENT^{PLUS}

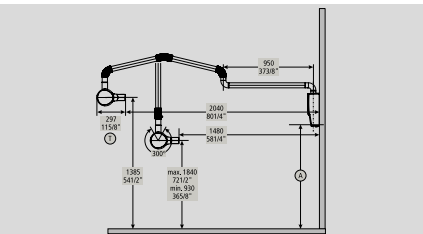
	HELIODENT ^{PLUS}
Generator type	High-frequency generator for constant high voltage
Tube voltage	Adjustable between 60 kV and 70 kV
Tube current	7 mA
Focal spot	0,4 (IEC 336)
Line voltage	120–240 V ± 10 % without switching, 50/60 Hz
Exposure time	Incrementally adjustable from 0.01 to 3.2 s
Detector media	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

ALWAYS AT THE FOREFRONT OF INNOVATION!

As global innovation leader for dental equipment, we continuously invest in research and thus in the future of modern dentistry. By networking digital technologies with integrated solutions and optimizing the treatment workflow, we create improved treatment results, more comfort and safety for the patient as well as time and cost savings in everyday work. The combination of constant innovative power and globally growing sales and service structures makes Sirona the global market leader trusted by thousands of practices and labs around the world. **Enjoy every day. With Sirona.**



CAD/CAM systems

From pioneer to new standard. For 30 years we have been developing digital dentistry and creating new possibilities for the future practice and lab.



Imaging systems

Best image quality with the lowest dose. More than 100 years of developing x-rays for the dental practice make us the number 1 innovation partner.



Treatment centers

The business card of modern practices. We are striving to create the ideal ergonomic and innovative center. Individually tailored to the well-being and demands of the patient and dentist.



Instruments

Advantages that speak for themselves. We make sure that we provide the right balance of proven quality, individual ergonomics and innovative technology for user-friendly work.



Hygiene systems

Competence that gives you safety. When it comes to hygiene in the practice, we do not take any shortcuts.

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