

THE DENTAL
SOLUTIONS
COMPANY™



Xios AE

Advanced Exposure.

dentsplysirona.com/intraoral



XIOS AE

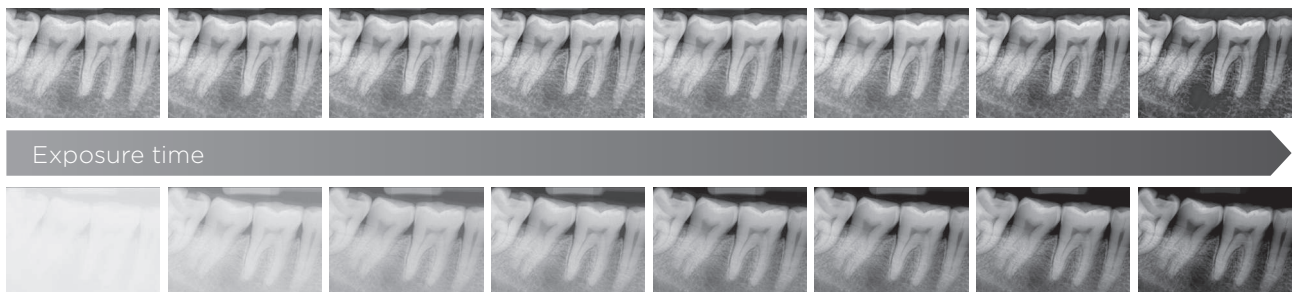
Xios AE

Dentsply Sirona's new Advanced Exposure technology offers you the extra security you need for your diagnosis. The Xios AE sensor combines the proven resolution of 33 lp/mm* with innovative filtering functions that provide even better contrast for indications, such as caries and endodontic cases. Low-noise images, improved visibility of details, and a dedicated post-exposure correction that compensates for non-optimal exposure parameter settings help to provide relevant advantages at a reduced dose. Your benefits? Superior images available within seconds and ultimate confidence in your treatment assessment. All with Xios AE.

Enhanced dynamic range - Consistent image quality at a lower dose.

Increased sensor sensitivity and an enhanced low-dose optimized exposure spectrum allow for optimal visibility and diagnostics at reduced exposure. Underexposed images are successfully counterbalanced, granting consistent image quality and dose flexibility.

Xios AE



Regular sensor

Diagnostic support via software

In addition to the dynamic sharpening slider, the Xios AE provides you with four exclusive advanced filtering enhancements: General Dentistry, Endodontic, Periodontic and Restorative. Depending on the indication-based filter you select, relevant structures are highlighted accordingly in an individual image impression. With just a simple click of your mouse, you can choose which mode will best support the specific clinical situation.



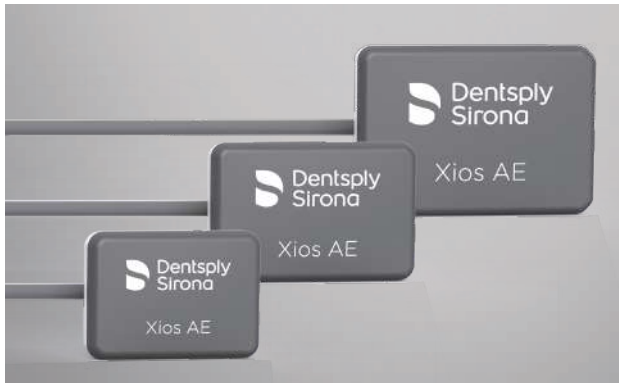
General Dentistry

Endodontic

Periodontic

Restorative

* Theoretical resolution



Sensor sizes

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



USB 3 - Secure data transfer

The use of Xios AE sensors in combination with the new USB 3 interface allows for accelerated information read-out and optimized data transfer. Protected connection plugs provide additional durability in daily practice use.



Easy cable exchange

In the event that a cable gets damaged, you have the ability to change it out completely in-house and within minutes. Only two screws need to be loosened to replace your cable and protect your investment, guaranteeing no lost productivity.



Your benefits with Xios AE

- Superior image quality with dedicated diagnostic filtering
- Enhanced low-dose optimized dynamic range
- Dynamic sharpening slider for individual image enhancement
- Improved USB data transfer
- Easy cable exchange

Technical Data

Xios AE in combination with Sidexis version 4.3 (and higher)	
Sensors	
Active area - Size 0	18 mm x 24 mm
Sensor dimensions - Size 0	23.6 mm x 32 mm x 7.5 mm
Active area - Size 1	20 mm x 30 mm
Sensor dimensions - Size1	25.4 mm x 38.3 mm x 7.5 mm
Active area - Size 2	25.6 mm x 36 mm
Sensor dimensions - Size 2	31.2 mm x 43 mm x 7.5 mm
Physical pixel size	15 µm

Xios AE in combination with Sidexis version 4.3 (and higher)	
Sensors	
Measured resolution	28 lp/mm
Theoretical resolution	33 lp/mm
Cable length	Up to max. 2.7 m
USB Interface	
USB interface port	USB 3
Power supply	USB port

Dentsply Sirona

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Procedural Solutions

Preventive
Restorative
Orthodontics
Endodontics
Implants
Prosthetics

Enabling Technologies

CAD/CAM
Imaging
Treatment Centers
Instruments