Press Release

Dentsply Sirona raises the standard for contemporary intraoral imaging with a new intraoral X-ray sensor, Xios AE

With the launch of their new intraoral sensor, Xios AE, Dentsply Sirona is once again setting standards for modern intraoral imaging. This addition to the integrated product portfolio offers a unique combination of outstanding image quality, diagnostic support, greater independence from suboptimal exposure settings and security of investment.

Charlotte/Bensheim, October 3, 2019. Digital intraoral X-rays offer numerous advantages for the dental practice: The image data can be processed with filters in terms of sharpness, brightness and contrast to make anatomical structures visible that are difficult to recognize. The handling of the digital X-ray images is also considerably easier. Images are immediately available with just the click of a mouse and do not have to be archived in a separate room and retrieved during subsequent patient visits.

With the Xios AE, Dentsply Sirona is launching a new generation of intraoral sensors with multiple technological improvements and optimizations. The new Advanced Exposure technology combines market-leading image quality with advances in filtering enhancements and a broadened exposure spectrum, granting a solid base for safe diagnostics, even in lower X-ray dose ranges. Furthermore, the switch to a new ultrasonically welded housing provides even higher protection from potential moisture penetration, while still allowing for an easy do-it-yourself cable exchange ensuring that the customer’s investment is secure.


Xios AE has been optimally designed for quality based on years of proven innovation using dedicated research and experience to drive success.

The introduction of new advanced image processing algorithms supplement the proven theoretical resolution of 33 lp/mm to an even clearer diagnosable image output. Additional details become visible at first sight and previously under and overexposed image areas are considerably reduced. Even fluctuations in radiation or suboptimal exposure settings are successfully counterbalanced. X-rays are instantly available for diagnosis as the result of an accelerated read-out and improved data transfer via the new USB 3 interface.

Last but not least, the award winning imaging software, Sidexis 4, facilitates the storage and accessibility of the captured images and patient data. This helps to ensure accurate diagnosis and assessment of treatment. Due to its networking capability, the software connects and...

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About Dentsply Sirona
Dentsply Sirona is the world’s largest manufacturer of professional dental products and technologies, with over a century of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solutions offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. Dentsply Sirona’s products provide innovative, high-quality and effective solutions to advance patient care and deliver better and safer dental care. Dentsply Sirona’s headquarter is located in Charlotte, North Carolina. The company’s shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.
manages all of the steps relevant to treatment, and thanks to its comprehensive features is an excellent tool for the respective needs of a dental practice. Xios AE is compatible with Sidexis version 4.3 and higher.

Jörg Haist, Vice President Platform Management Equipment and Instruments commented, “We are very proud to be able to offer dental professionals around the world an outstanding new intraoral sensor solution. The Xios AE technology is built on years of experience, innovation and expert engineering and is designed to support the best possible patient care.”

IMAGES are available for > Download on the website.

*Fig. 1:* Xios AE will be available in three sizes and in combination with various cable lengths.

*Fig. 2:* The new USB 3 interface with its protected plug connectors allows for optimized data transfer and safe use in daily practice.