Xios AE
Advanced Exposure
dentsplysirona.com/intraoral
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 endodontics. Low-noise images, visibility of previously underexposed or overexposed image areas and a dedicated post-exposure correction that compensates for non-optimal exposure parameter settings all help to provide relevant advantages in diagnostic certainty. Your benefits? Diagnostic clarity at first glance. Images available within seconds. Confidence in your treatment assessment. This is what Advanced Exposure stands for.

Tolerant exposure spectrum –
Your independence from precise generator settings.

Dose sensitivity and subsequent data processing are of essential significance for the achieved image quality. The new Xios AE sensor is much more resistant to fluctuations in exposure parameters. Even in lower dose ranges, more details become visibly evident.

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.

Sensor sizes

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

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.

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.

Your benefits with Xios AE

• High dynamic range
• Outstanding image quality for a safe and reliable diagnosis
• Exclusive Advanced Exposure filters and dynamic sharpening slider
• Optimized data transfer with new USB 3 module
• Proven investment security

Technical Data

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* Theoretical resolution