

New technology to 'rayve' about

With the launch of the new GXS-700™ sensor, Gendex has something to “rayve” about! The sensor is already getting high marks on its enhanced image acuity, improved patient comfort, portability and ease-of-use.

Quintessential quality

Enhancing image quality to elevate diagnostic capabilities was the highest priority in the design of the 700, according to Gendex. Its advanced CMOS sensor technology delivers more than 20 visible line pairs per mm, and its small 19.5 µm pixel size highlights the smallest details and emphasizes distinctions in density. The result: stunning, high-resolution images.

Dazzling design

When size matters, the GXS-700 comes to the rescue, with two ergonomically designed sensors suited for both children and adults. Round-

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Be sure to stop by the Gendex booth, No. 2118, to see the new GXS-700 and to see how it can enhance your practice.

ed corners and smooth-edge finishes comfortably fit the anatomical shape of the mouth. You won't have to fix it if it isn't broken. The durable materials and components of this product increase the life span of the 700.

Workflow wonder

The sensor works and plays well with others. The 700 was engineered for smooth integration into practice management systems.

A time-saver, the unique “Always Ready” feature automatically recognizes the presence of radiation; there's no need to initiate image

capture through the software.

You can also take it with you: Direct high-speed USB 2.0 connectivity offers optimum portability, and there is no need for USB controllers, adapters or docking stations. The sensor simply plugs directly into USB 2.0 port on the computer for speed and efficiency.

First reaction

Dr. John Flucke, technology editor of Dental Products Report, notes that his initial reaction was: “Wow!”

He adds: “Gendex has hit another home run with the GXS-700 series sensors. The direct USB connection eliminates clutter and hardware hassles. The redesigned sensor case provides amazing patient comfort. However, convenience and comfort are nothing without diagnostically accurate images.

“In this regard, the GXS-700 is a game changer. Once you see the image quality, you'll see why I'm



A dental assistant shows off the new GXS-700. (Photo/Provided by Gendex)

saying the GXS-700 series is a must have for those who want the very best in digital radiography.” ■

DENTSPLY Midwest takes cutting to new level



DENTSPLY Midwest Stylus ATC. (Photo/Provided by DENTSPLY)

The DENTSPLY Midwest® Stylus™ ATC is a revolutionary, high-speed, air-driven handpiece that offers dentists an entirely new cutting experience. DENTSPLY Midwest reports that the user experience is so smooth, powerful and efficient, it doesn't feel like work anymore.

That's because the Midwest Stylus ATC is the world's first air-driven handpiece to employ speed-sensing intelligence (SSI), which automatically adjusts speed in response to load, offering superior performance and precision and eliminating stalling and the need to feather or make constant adjustments.

SSI optimizes the delivery of power no matter the load, delivering consistent cutting speeds for unmatched efficiency and fastest removal of material. A sensor in the coupler picks up the frequency of

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To fully grasp the difference the Midwest Stylus ATC can make to your practice, DENTSPLY invites dental professionals to visit the DENTSPLY booth, Nos. 1306 and 1406, for a demo. Or you can schedule a free in-office demonstration by calling (800) 989-8825.

vibrations caused by the speed of the rotating bur. When the bur encounters a higher load that would normally cause a decrease in speed, a signal from an advanced “electronic brain” in the control source increases air pressure and, thereby, the rotation of the turbine, thus increasing speed. The opposite occurs when

the bur encounters a lighter load.

What's more, the Midwest Stylus ATC allows dentists to be fully engaged in their procedures, as they no longer face distractions due to the handpiece, such as hand fatigue, heavy tubing and poor light.

Other features include superior turbine suspension (STS), which improves dentists' precision, accuracy and control, even at speeds of 330,000 RPM, and there's also increased visibility, access and maneuverability with mini- or mid-sized heads, along with enhanced access to posterior surfaces with standard- and short-shank bur compatibility.

Also, because of its light weight, the Midwest Stylus ATC provides all-day ergonomic comfort. And, the company says, its low pitch and tone add up to a more relaxed dentist and patient. ■

AD

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