A new digital radiography intraoral sensor

The LED IS100 is the first intraoral sensor in the company’s product portfolio

By LED Imaging Staff

LED Imaging, a new division of LED Dental, introduces its new digital radiography intraoral sensor, the LED IS100. The sensor is available for demo and sale here at the CDA Presents.

The LED IS100 intraoral sensor is the third product to be added to LED Imaging’s portfolio since the launch of the division on April 2. Designed with simplicity and versatility in mind, the LED IS100 intraoral sensor is a replacement for traditional dental film as it captures intraoral images of the teeth and supporting bone structures. The sensor boasts a number of product features that support practice needs, including:

· **High-definition image resolution:** With greater than 20 line pairs per millimeter spatial resolution, the LED IS100 provides practitioners with the high-quality images they need to make accurate diagnoses. With 16,384 shades of gray (14 bits), the images are crisp, clear, bright and contrasted.

· **Direct USB plug-in:** The LED IS100 plugs directly into any computer via a direct USB connection, eliminating the need for an inline controller, dock or hub. The sensor can easily be moved from one operatory to the next, which is ideal for multi-chair practices.

· **Durable construction:** Hermetically sealed casing ensures the intraoral sensor is waterproof and can easily withstand the process of disinfecting by submersion. Additionally, the LED IS100 includes a CMOS chip, fiber optics, scintillator and a shock absorption system.

· **Ergonomic design:** LED Imaging’s intraoral sensor is designed with both practitioners and patients in mind; the slim casing and rounded edges allow for faster, easier and more comfortable patient positioning.

· **Diagnostic Flexibility:** The LED IS100 is available in two sizes to suit diagnostic needs, such as retro-alveolar, posterior, bitewing and other necessary images. It can be used in endodontics, periodontics, prostheticsurgery and implants, as well as for cavity diagnosis. The sensor also features an automatic wake-up system, so there are fewer steps required for the sensor to capture an image.

· **Open-architecture workflow:** The LED IS100 features an open-architecture design for streamlined integration with third-party software and imaging solutions. The intraoral sensor can be implemented into a practice seamlessly, further streamlining workflow.

"We’re really excited about the newest addition to the LED Imaging family, the LED IS100 intraoral sensor," said Dr. Jeffrey Brooks, vice president of Imaging for LED Imaging. "Digital radiography has been a game changer in dental practices because of the time and cost savings for all involved, so we wanted to give dental practitioners a product that would provide excellent quality day in and day out."

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**Here at CDA Presents**

Visit LED Imaging’s booth, No. 2534, to demo the LED IS100. To learn more about LED Imaging and the LED IS100, call (844) 952-7327 or visit www.leddental.com/LED-IS100.