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Carestream DENTAL

FACT SHEET



CS 8100
Panoramic System

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CS 8100 Panoramic System

Product Summary

The CS 8100 digital panoramic system offers the latest imaging technology combined with an intuitive, computer-controlled interface to help practitioners effortlessly obtain high-quality images that support better diagnoses and treatments. With an ultra-compact footprint that fits in even the smallest spaces, the CS 8100 is an ideal solution for day-to-day panoramic imaging needs.

Product Features and User Benefits

Sharp, High-Quality Images: The CS 8100 features the latest generation of CMOS sensor and a vibration-free motion system, producing clear and sharp digital images for reliable diagnoses. Its high-frequency generator ensures radiation remains constant for detailed images with optimal contrast. A software processing algorithm minimizes spinal column shadow. The CS 8100's artifact-free filters include one for sharpness, preventing the creation of dark halos around radio-opaque areas that can be mistaken for bone loss or carious lesions.

Intuitive Software: The CS 8100's user-friendly image processing tools help dental professionals quickly analyze images and access software features, all with just a few clicks. Whether used as a standalone program or integrated with practice management software, the CS 8100 helps to streamline daily workflow.

Tolerant Focal Trough: The CS 8100 was designed with a greater tolerance for imperfect patient positioning and challenging anatomy. The CS 8100's increased focal trough thickness and width helps minimize failure rate, while anatomical imaging programs adapt to patient jaw morphology to optimize image quality.

Improved Patient Comfort: The patient-centric design and transparent patient support features of the CS 8100 help practitioners obtain higher quality images. Integrated handgrips help patients remain stationary, while the frontal bracket aids with alignment. The CS 8100's open design accommodates patients of all shapes and sizes, including those in wheelchairs. Images are captured in as little as 10 seconds, reducing the period of exposure while also minimizing the risk of patient movement and need for retakes.



Unique 2D+ Imaging: The CS 8100's innovative 2D+ program enables practitioners to create slices at regular intervals along the jaw to focus on one area of interest and visualize more details than standard 2D images reveal. It's a cost-effective solution that overcomes some of the limitations of standard panoramic imaging such as structure overlap.

Ultra Compact: The aluminum body, motorized telescopic column and miniaturized X-ray generator and sensor make the CS 8100 extremely compact and lightweight–easy to handle and install.

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Acquisition Programs: The CS 8100 includes a range of sophisticated pre-set acquisition programs to help rapidly capture the specific images required for diagnostic excellence. These include standard and panoramic exams, TMJ exams and a sinus program.

Easy Collaboration: The CS 8100 comes with Carestream Dental's shareable imaging software that lets practitioners transmit images via email, USB or CD, allowing for easy collaboration with colleagues and documentation for insurance companies.

Product Awards and Recognition: Since its launch, the CS 8100 has been recognized multiple times by global industry leaders in the field of oral health. Honors include:

- The 2016, 2015 and 2014 Top Panoramic Imaging System from The Dental Advisor Magazine
- The 2016 and 2013 Editor's Choice Award and Excellence 5+ from The Dental Advisor
- The U.S. DrBicuspid.com Dental Excellence Award for Best New Diagnostic/Imaging Device
- The 2013 Bronze International Medical Design Excellence Award
- The international red dot award for product design
- The Polish Krakdent Medal of Highest quality
- The Clinical Innovations India award.



More Information

For more information on Carestream Dental's innovative solutions or to request a product demonstration, call **800.944.6365** or visit **www.carestreamdental.com.**

About Carestream Dental

Carestream Dental provides industry-leading imaging, software and practice management solutions for dental and oral health professionals. With more than 100 years of industry experience, Carestream Dental products are used by seven out of 10 practitioners globally and deliver more precise diagnoses, improved workflows and superior patient care. For more information or to contact a Carestream Dental representative, call **800.944.6365** or visit **www.carestreamdental.com.**

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About Carestream Health

Carestream Health is a worldwide provider of dental and medical imaging systems and healthcare IT solutions; X-ray film and digital X-ray systems for non-destructive testing; and advanced materials for the precision films and electronics markets. For more information about the company's broad portfolio of products, solutions and services, please contact your Carestream Health representative or visit **www.carestream.com.**

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