

FACT SHEET



CS 8100SC

Panoramic and Cephalometric System

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Product Summary

Featuring the compact design concept of the CS 8100 panoramic system, the CS 8100SC system offers practitioners award-winning imaging with the additional diagnostic capabilities of a cephalometric arm. The system provides a range of panoramic and cephalometric image formats and is ideal for everyday dentistry, orthodontic and oral surgery needs.

Product Features and User Benefits

The Fastest Scan Times: At just three seconds¹, the CS 8100SC provides the fastest scan times of any scanning cephalometric unit on the market. Its fast scan mode reduces exposure time, making it ideal for use with young patients. This short exposure time reduces patient dose and the risk of motion blur and makes for safer, sharper exams. Doctors also have the option of a high-resolution mode for the highest image quality.

Easily Switch Between Panoramic and Cephalometric Imaging: Two sensors come standard with the CS 8100SC—one for cephalometric and one for panoramic imaging. Due to the design of the system, there's no need to change sensors between exams, reducing manipulation and preventing the risk of damage to the unit.

Intuitive Software: A unique feature to all Carestream Dental cephalometric units is advanced software that recognizes anatomical structures and traces them automatically. As such, the CS 8100SC can go from scanning to tracing within 90 seconds², rather than five to 10 minutes with standard orthodontic software. For improved treatment planning, Carestream Dental imaging software even allows practitioners to personalize tracings and to create customized templates. The software also covers the most common analysis needs of orthodontists—McNamara, Ricketts, Steiner and Tweed.

Acquisition Programs: The CS 8100SC includes a range of sophisticated pre-set panoramic acquisition programs for both adult and pediatric images, including segmented panoramic, TMJ, maxillary sinus and the new segmented bitewing. For cephalometric exams, clinicians have the option to choose from a variety of views, including lateral, oblique, frontal (AP/PA) and carpus³ to capture consistently clear images. Up to three cephalometric image sizes can be selected to optimize dose—26 x 24 cm, 18 x 24 cm and 18 x 18 cm.

Filters for Customized Views: The CS 8100SC includes the CS Adapt module. While three orthodontic pre-set filters optimize the visualization of hard and soft tissues, practitioners also have the freedom to adjust the image contrast and sharpness of images using artifact-free filters for a customized look and feel to meet their diagnostic needs.

Tolerant Focal Trough: Like the CS 8100 before it, the CS 8100SC is designed with a greater tolerance for imperfect patient positioning and challenging anatomy during panoramic exams. The system's increased focal trough thickness and width helps minimize failure rate.



Ultra Compact: Even with the attached cephalometric arm, the CS 8100SC is just 72.5 inches wide. Its compact footprint gives doctors the ability to add additional diagnostic capabilities to their practice without sacrificing space.

Easy Collaboration: The CS 8100SC 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.

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**.

About Carestream Health

Carestream is a worldwide provider of dental and medical imaging systems and IT solutions; X-ray imaging 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 representative, call **888.777.2072** or visit **www.carestream.com**.

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¹ For an 18 x 24cm image in fast scan mode

² For an 18 x 24cm image

³ Available as an option

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