

Just picture
the possibilities

CS 8200 3D

Advance Edition



CS 8200 3D Advance Edition

Unlock all the possibilities for your practice

Want to add a new dimension to your dental practice? Offer more treatment types? Or simplify your workflow? One solution now can help you do it all... and more.

Discover the CS 8200 3D's Advance Edition with unparalleled versatility that lets you advance your practice's future. With a category-leading FOV range and AI-powered software, the CS 8200 3D creates countless possibilities.





**4-in-1 CBCT
solution**

**Compact, award-
winning design**

**Intuitive interface
and software**

75-micron resolution

NEW

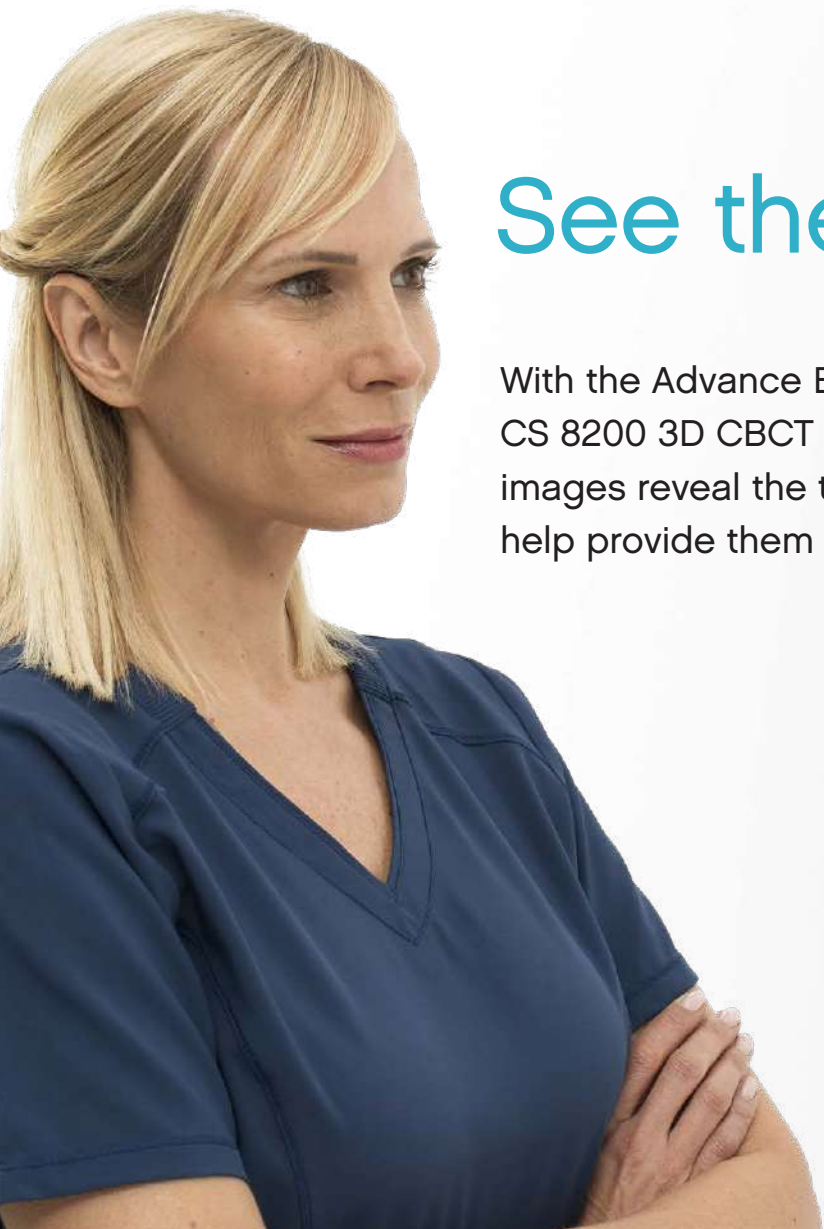
**Extended fields of
view up to 16 x 10 cm**

NEW

**Three upgradeable
FOV configurations**

NEW

**AI-boosted
implant planning**



See the possibilities

With the Advance Edition of the state-of-the-art CS 8200 3D CBCT system, outstanding 2D and 3D images reveal the treatment your patients need and help provide them with the smiles they deserve.





4-in-1 imaging

A 4-in-1 solution that blends panoramic technology, CBCT imaging, 3D model scanning and optional cephalometric imaging.



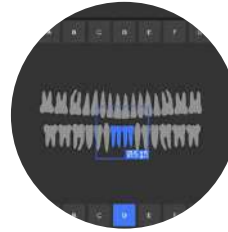
Low-dose 2D and 3D imaging

The low-dose mode delivers high-quality 3D images at the same or a lower dose as standard panoramic examinations.² Users can collimate the imaging area to limit radiation exposure according to the ALADA principle.



75-micron precision

75-micron CBCT resolution lets you visualize the tiniest clinical details and is perfectly suited for endodontic indications.



See the simplicity

The CS 8200 3D's modern interface is designed to be user-friendly so it's easy to navigate. All settings are on the same screen for easier exam set-up and faster workflow.



Artifact-free images

Game-changing CS MAR¹ technology with live comparison automatically reduces metal artifacts to help confirm diagnosis and reduce the risk of misinterpretation.



Open integration

Built on an open platform, Carestream Dental's CBCT systems help dental professionals work with their preferred partners and labs. Furthermore, easy integration means quick, seamless workflow.

¹ Option

² Based on studies conducted by John Ludlow, University of North Carolina, School of Dentistry, utilizing the CS 8100 3D dose protocol (Aug 2014, Nov 2015, May 2017).

The broadest range of fields of view in its category

The CS 8200 3D's Advance Edition features extended fields of view, perfectly suited for scanning the full jaw, including the TMJ and the airway. And advanced features make positioning easier and help you capture the right image effortlessly.



Up to eleven fields of view

Select between eleven fields of view, ranging from 4 cm x 4 cm to 16 cm x 10 cm, which cover virtually all the diagnostic needs of dental and speciality practices.

Full control of the imaging area

Low-dose scout imaging makes it easy for you to control the imaging area prior to the examination and reduces the risk of retakes.

Single-touch repeatability

Parameters are recorded for each patient, making follow-up exams repeatable with a single touch. This streamlines your workflow and delivers comparable images over time.

NEW

Full mandible and maxilla



16 cm x 10 cm¹

NEW

Bilateral TMJ



16 cm x 6 cm¹

Full dual or single jaw



12 cm x 10 cm¹
12 cm x 5 cm¹
10 cm x 10 cm¹
10 cm x 5 cm¹

Dual or single arch



8 cm x 9 cm
8 cm x 5 cm

Antagonist teeth



5 cm x 8 cm

Localized exam



4 cm x 4 cm
5 cm x 5 cm

¹10 cm x 5 cm, 10 cm x 10 cm, 12 cm x 5 cm, 12 cm x 10 cm, 16 cm x 6 cm and 16 cm x 10 cm are options. In Ontario (Canada), the use by dentists of FOVs over 8 x 8 cm is subject to conditions.

A scalable solution to meet your growing needs

The scalable CS 8200 3D gives dental practices of all sizes the power of choice. This flexible and upgradeable solution is adaptable to your specific needs and is built to grow with your practice.

CS 8200 3D
8 cm x 9 cm



UPGRADABLE

CS 8200 3D
12 cm x 10 cm



UPGRADABLE

CS 8200 3D
16 cm x 10 cm



5 FOVs (cm)
4 cm x 4 cm to 8 cm x 9 cm

9 FOVs (cm)
4 cm x 4 cm to 12 cm x 10 cm

11 FOVs (cm)
4 cm x 4 cm to 16 cm x 10 cm

Three upgradeable FOV configurations

Choose the FOV configuration that best meets your needs and budget. When you're ready, simply upgrade the system to enjoy larger FOVs, without the need to change hardware.



State-of-the-art Scan Ceph module

Featuring ultra-fast scanning technology and AI-powered automatic tracing software, our optional Scan Ceph module¹ is designed to cover all your orthodontic needs and save time.



Optimize service and support for your practice

Turn your CS 8200 3D into a connected device with CS UpStream¹. This 24/7 advanced monitoring service for your equipment, prevents downtime and maximizes system availability.

¹ Option

Imaging software that creates possibilities

Experience software that helps you get the most from your images. Our portfolio of innovative imaging software and optional add-on modules enable you to expand the capabilities of your practice on your own terms.



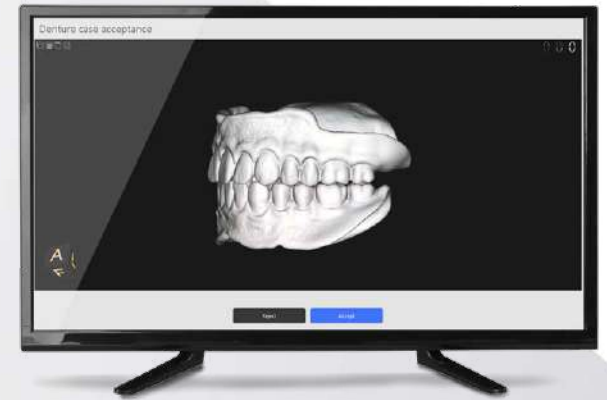
CS Imaging

Discover a new generation of dental imaging software with CS Imaging version 8. This powerful platform provides easy one-stop access to all your 2D images, 3D images and CAD/CAM data, so you can manage your digital workflow more effectively.



CS 3D Imaging

This user-friendly program is designed to enhance patient communication and improve diagnostic and treatment planning capabilities in implant planning, endodontics, oral surgery and orthodontics.



Optional modules

CS Airway to simplify airway analysis.

Prosthetic-driven implant planning to plan implants with higher predictability.

Smop implant planning and guided surgery software, **Easy Digital Denture Solution** and **Swissmeda Cloud Imaging**.

Automated AI-powered implant planning

Our AI-powered implant planning software dramatically simplifies and accelerates your workflow by automating manual tasks. Combined with a prosthetic-driven approach, this solution makes it easy to plan implants faster, in fewer appointments, and deliver more predictable outcomes.



Automated case set-up

The panoramic curve and mandibular nerve canal are automatically mapped in few seconds, helping you save significant time and obtain precise results.



Automated data matching

CBCT scans and digital impressions are automatically merged to create a precise virtual model. And our open platform integrates with leading third-party intraoral scanners for a seamless workflow.

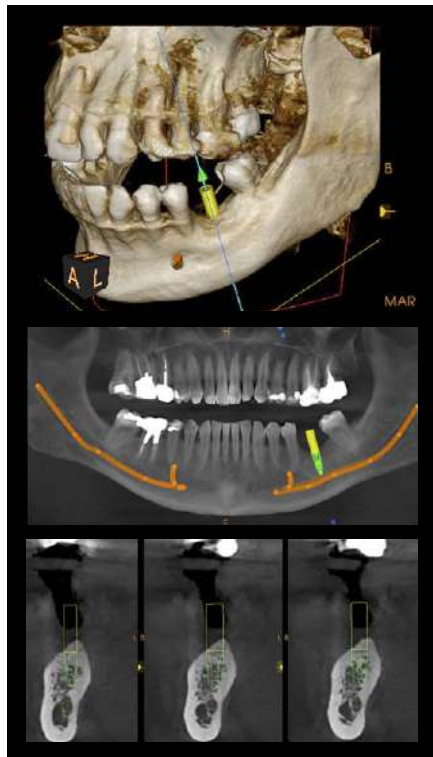


Automated virtual crown design and implant placement¹

Select the implant from our implant library. Then, the virtual crown design and virtual implant placement are automatically calculated based on the anatomical information available on the patient model.

Embrace the possibilities of CBCT

CBCT imaging can be used for a variety of everyday clinical tasks including endodontics, third-molar removal, pre-surgical planning and more.



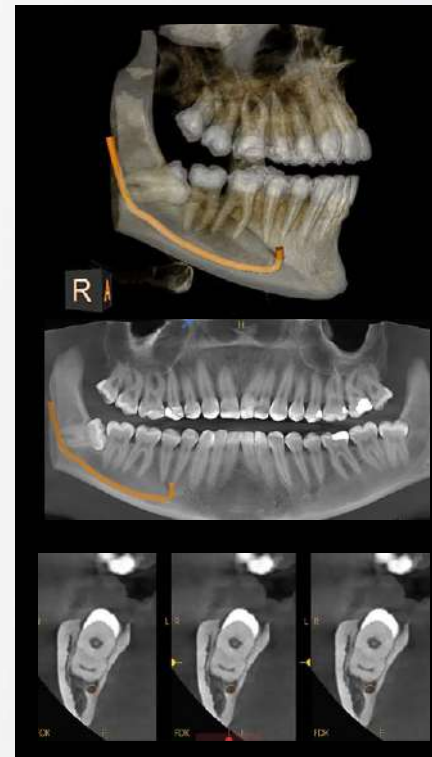
Implants

Evaluate bone quantity and quality and localize anatomical obstacles.



Endodontics

Assess tooth and root canal morphology precisely, diagnose fractures and periapical lesions.



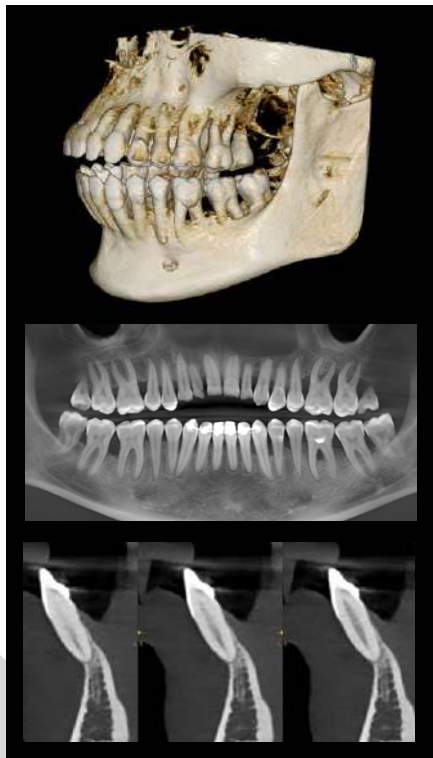
Oral surgery

Visualize impacted teeth or cysts and define surgical protocol for removal.



Orthodontics

Evaluate impacted teeth and follow-up orthodontic treatment.



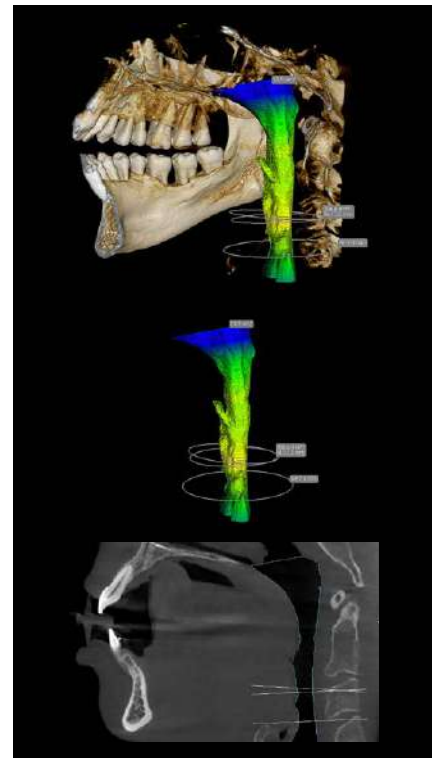
Periodontics

Analyze bone structure and defects and evaluate anatomical structures before surgery.



TMJ

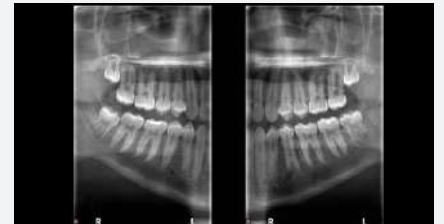
Assess TMJ dysfunction and fractures.



Airway analysis

Visualize airways constrictions and automatically calculate key measurements.

Outstanding 2D images



Panoramic images

Capture crystal-clear panoramic images in an instant thanks to Tomosharp technology.



Cephalometric images

Capture ceph images in as little as three seconds and obtain fully automated tracings in 10 seconds.



TECHNICAL SPECIFICATIONS

CS 8200 3D Advance Edition

X-RAY GENERATOR

Tube voltage	60-90 kV
Tube current	2-15 mA
Frequency	140 kHz
Minimum required space	1200 (L) x 1400 (D) x 2400 (H) mm + ceph arm: 2000 (L) x 1400 (D) x 2400 (H) mm
Weight	Without ceph arm: 92 kg (202 lb.) With ceph arm: 125kg (276 lb.)

3D MODALITY

Field Of View diameter x height (cm)	4 x 4 - 5 x 5 - 5 x 8 - 8 x 5 - 8 x 9' ¹ 10 x 5' - 10 x 10' - 12 x 5' - 12 x 10' - 16 x 6' - 16 x 10' -
Voxel size (µm)	75 µm minimum
Exposure time	3 to 20 seconds

PANORAMIC MODALITY

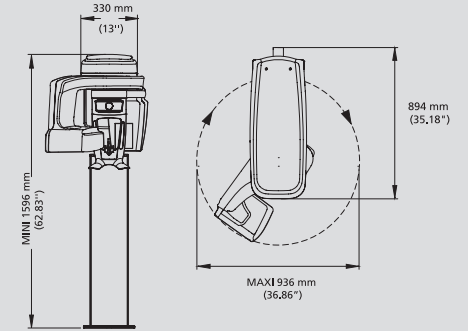
Magnification	1.2
Radiological exam options	Full panoramic, segmented panoramic (including bitewing segmented panoramic), maxillary sinus, LA TMJ x 2, LA TMJ x 4
Exposure time	2 to 14 seconds

CEPHALOMETRIC MODALITY

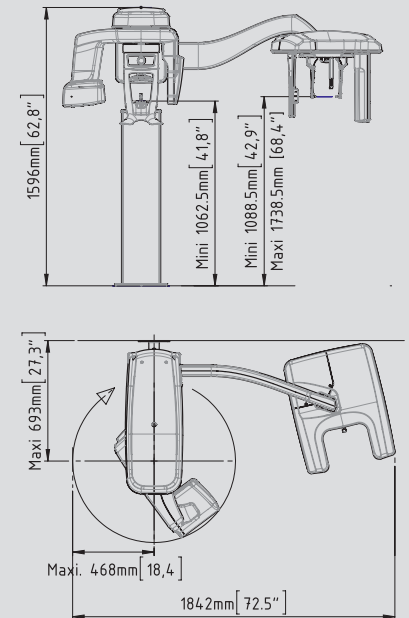
Magnification	1.13
Radiological exams	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Exposure time	2.9 to 11 seconds

¹ Option. In Ontario (Canada), the use by dentists of FOVs over 8 x 8 cm is subject to conditions

CS 8200 3D SYSTEM WITHOUT CEPHALOMETRIC ARM



CS 8200 3D SYSTEM WITH CEPHALOMETRIC ARM



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