



CS 8200 3D FAMILY  
NEO EDITION

Seeing the difference  
makes a **difference**



# CS 8200 3D

NEO EDITION

## Make a difference in every decision

The Neo Edition of the CS 8200 3D is an upgraded version of the initial CBCT system, CS 8200 3D. Maintaining its original versatility and compactness, the Neo Edition offers improved ease of use, a better clinical experience and increased peace of mind, all leading to more successful outcomes for patients and a more successful practice. Practitioners will see the difference in the versatile imaging and will make a difference in every decision they make. This CBCT system includes many improvements upon Carestream Dental's existing premium imaging and software technologies to offer more in-office services so your practice stands out.

### More convenience

A modern user interface and streamlined design means a faster workflow and makes capturing better images effortless

### More versatility

Increased capabilities and enhanced functionalities provide more options for your practice and help to expand in-office operations

### More peace of mind

Improved outputs to deliver clearer, more precise images, provides peace of mind and ensures positive patient outcomes

Learn more about the [Neo Edition of the CS 8200 3D](#)



“The CS 8200 3D has given me more peace of mind, confidence and the ability to provide better diagnoses. It makes me a more predictable dentist, and I’m able to offer solutions that I couldn’t before.”

**Dr. Kamal Singh Missan, D.D.S**

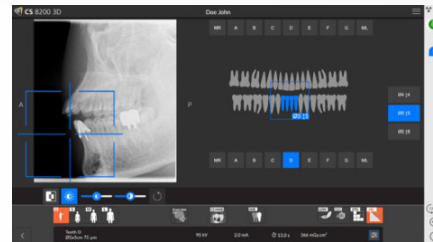
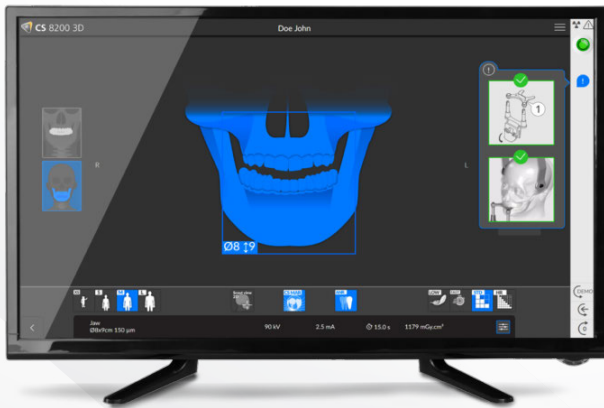


NEW

# Get better results more easily

## A new simple and intuitive user interface

Reimagined for convenience and ease of use, our new user interface facilitates staff trainings, ensures consistency of results and increases efficiency of exams. All settings are on the same screen for a faster workflow, and clear instructions indicate which accessories should be used for each exam to avoid positioning errors.



### Scout image for better control

Low dose scout image enables you to easily control the imaging area prior to the examination, substantially reducing the need for retakes.



### Single-touch repeatability

Access the scanning parameters of a returning patient with the touch of a button, streamlining your workflow and helping you get comparable images over time.



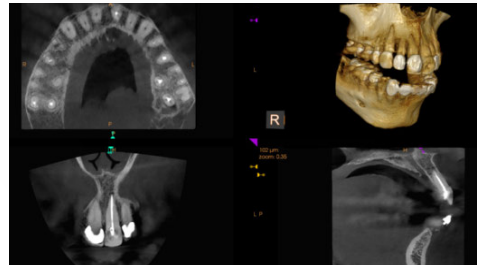
NEW

# As versatile as your practice is



50%  
lower dose

**Low dose panoramic imaging**  
The new low dose panoramic mode reduces dose up to 50% while delivering clear images.



**Very high resolution scans**  
You can now capture 75 microns resolution scans on all fields of view up to 8 cm x 9 cm, providing full-mouth endodontic status at the highest resolution available.



5 cm x 8 cm



10 cm x 10 cm



12 cm x 5 cm

**Additional field of view options**  
Three additional field of view (FOV) options enable practitioners to optimize the exposed area and dose or capture opposing teeth for implant cases.

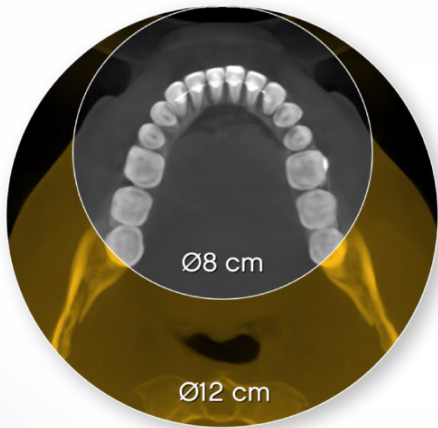
## CS UpStream premium service

New CS UpStream<sup>1</sup> premium service. 24/7 advanced monitoring service for your equipment, prevents downtime and maximizes system availability.



<sup>1</sup>CS UpStream is an option of CS Advantage

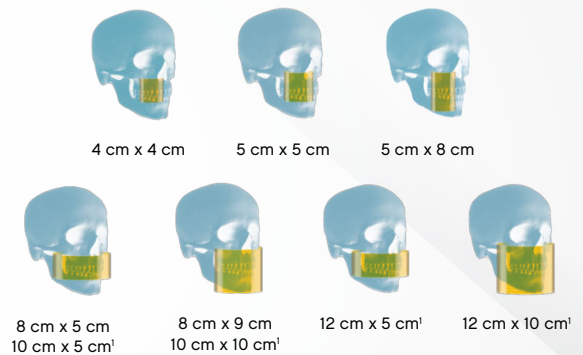
# Expand your vision. **Expand your practice.**



## Suits all your clinical needs

The CS 8200 3D features an extended field of view perfectly suited for scanning a full arch in a single scan. 12 cm x 5 cm and 12 cm x 10 cm volumes<sup>1</sup> are ideal for cases involving the entire dentition and for capturing third molars.

<sup>1</sup> 10 cm x 5 cm, 10 cm x 10 cm, 12 cm x 5 cm and 12 cm x 10 cm are options.  
In Ontario (Canada), the use by dentists of FOVs over 8 x 8 cm is subject to conditions.



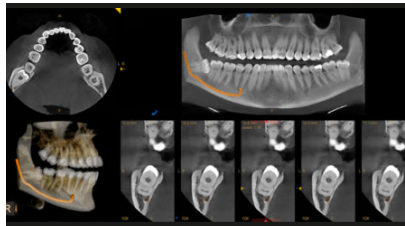
## The right image at the right dose

The CS 8200 3D is a versatile CBCT system featuring the broadest range of fields of view in its category, ideal for practices that want to expand their treatment capabilities. With up to nine fields of view, you can obtain the ideal image for each individual exam at the lowest dose.

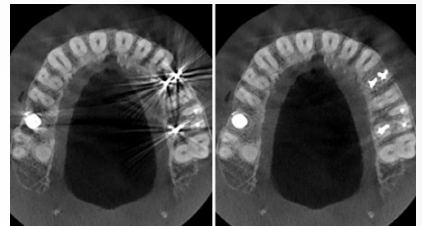
# One compact system, **many possibilities**



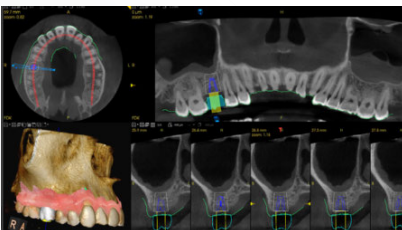
A complete range of panoramic programs, including extraoral bitewing, covers all of your routine needs.



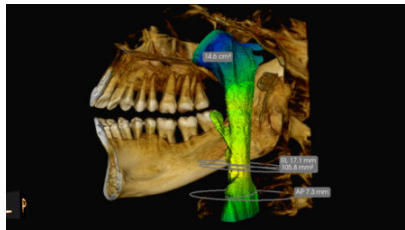
CBCT imaging can be used for a variety of everyday clinical tasks including endodontics, third-molar removal, pre-surgical planning and more.



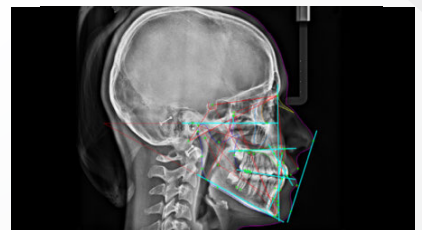
Exclusive CS MAR<sup>1</sup> technology with a live comparison tool allows significant reduction of artifacts caused by implants, fillings or restorations.



Plan implants with confidence using virtual crowns and a comprehensive implant library.



The CS Airway module<sup>1</sup> enables better airway analysis with color-coded, 3D views of the upper airway and automatic measurements.



Carestream Dental's automatic tracing feature<sup>1</sup> allows you to fully trace images in just 10 seconds.

<sup>1</sup>Option

## TECHNICAL SPECIFICATIONS

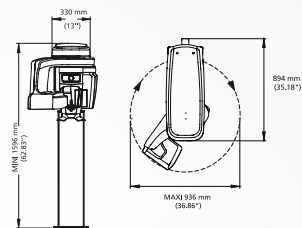
<b>X-Ray Generator</b>	
Tube voltage	60-90 kV
Tube current	2-15 mA
Frequency	140 kHz
Minimum required space	Without ceph arm: 1200 (L) x 1400 (D) x 2400 (H) mm With ceph arm: 2000 (L) x 1400 (D) x 2400 (H) mm
Weight	Without ceph arm: 95 kg (210 lb.) With ceph arm: 125kg (276 lb.)
<b>3D Modality</b>	
Field Of View diameter x height (cm)	4 x 4 - 5 x 5 - 5 x 8 - 8 x 8 - 8 x 9 <sup>1</sup> (in Ontario 8 x 8) 10 x 5 <sup>1</sup> - 10 x 10 <sup>1</sup> - 12 x 5 <sup>1</sup> - 12 x 10 <sup>1</sup>
Voxel size (µm)	75 µm minimum
Exposure time	3 to 15 s for FOV < 10 cm (Ø) / to 20 s (2 x 10 s) for FOV ≥ 10 cm (Ø)
<b>Panoramic Modality</b>	
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
<b>Cephalometric Modality</b>	
Magnification	1.13
Radiological exams	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Exposure time	2.9 to 11 seconds

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

Learn more about the **CS 8200 3D**  
by visiting [carestreamdental.com](http://carestreamdental.com)

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### CS 8200 3D WITHOUT CEPHALOMETRIC ARM



### CS 8200 3D WITH CEPHALOMETRIC ARM

