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Carestream
DENTAL

Innovation Drives Precision

CS 9600 IN-OFFICE CONE BEAM CT FOR ENT



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CS 9600

So smart, Yet so simple

The CS 9600 is smart because it incorporates feedback from ENT professionals like you, who inspired us to develop the breakthrough innovations that make up the CS 9600 in-office cone beam CT. It's simple because that's what you and your patients expect from today's imaging systems. One of the most user-friendly cone beam CT systems on the market, the CS 9600 delivers outstanding precision—for every exam and every patient.

The CS 9600 captures high-quality sinus and temporal bone images at a fraction of the radiation dose of conventional CT systems. With such precise images available at the point of care, you can provide single-visit diagnoses and perform more in-office procedures, improving both patient care and practice efficiency.



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Meet the Ideal Point-of-Care Imaging

SINGLE-VISIT DIAGNOSIS
Increase patient satisfaction and retention with the ability to scan, diagnose and plan treatment in one visit.

IMAGE-GUIDED SURGERY COMPATIBILITY
Maximize your investment with a system that's compatible with most image-guided surgery systems.

MORE IN-OFFICE PROCEDURES
Lower the cost of procedures—like balloon sinuplasty—and reduce recovery times and improve outcomes.

COMPACT DESIGN
Benefit from a compact design that fits in practices of all sizes and installs easily.

ENT-SPECIFIC DESIGN
Visualize paranasal sinus and temporal bones at a very low dose, using dedicated ENT fields of view and pre-set programs.

SUPERIOR RESOLUTION
0.075 mm slices enables excellent visualization of middle and inner ear structures.

SMARTER INNOVATIONS
Capture high-quality images on the first try with smart and innovative technologies.

ACCREDITATION SUPPORT
Obtain the accreditation you need to start diagnosing with your system thanks to comprehensive support.

LOW DOSE
Protect your patients with imaging that delivers up to 77% less dose than conventional CT exams.

WORLD-CLASS SERVICE
Discover peace of mind with a full array of service, training, support and warranty options that you can rely on for your CS 9600 system.

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Get it Right The First Time

The CS 9600 features multiple advances that enable you and your staff to achieve high-quality, precise images on the first try—even with minimal experience using the system.



LIVE POSITIONING ASSISTANT
Patients are positioned using cameras, while live patient views are displayed on the touch-screen for easy and exact positioning.



SMARTAUTO TECHNOLOGY
Live video positioning and low dose scout view facilitate the process of capturing the nose every time, which is especially important and effective with image guided surgery.



EXAM SET-UP



PATIENT POSITIONING



IMAGE QUALITY CONTROL

USER-FRIENDLY INTERFACE
The intuitive SmartPad and user-friendly interface guide users through the exam, simplifying the procedure from exam setup to image quality control.

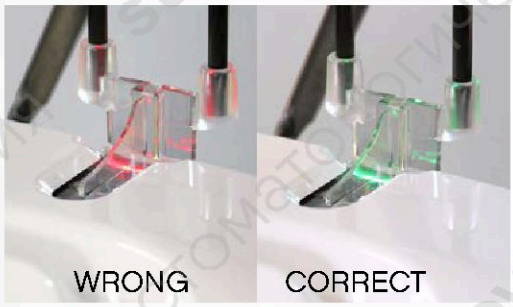
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User Friendly.
Patient Friendly.

The technology behind our innovative scanning technology is quite complex. But using that technology to capture high-quality, accurate scans is not. In fact, we designed the CS 9600 to be the most patient-friendly, user-friendly scanner on the market, from the hardware to the software to the accessories on the unit.



JEWELRY TRAY
This dedicated tray reduces instance of lost or forgotten items such as glasses and jewelry.



INTERACTIVE POSITIONING ACCESSORIES
These unique tools automatically alert the operator when the wrong accessory is used and quickly recommend the appropriate one.



INTEGRATED PATIENT CHAIR[1]
The only system with an integrated retractable seat, the CS 9600 allows users to scan patients seated, standing or in a wheelchair.

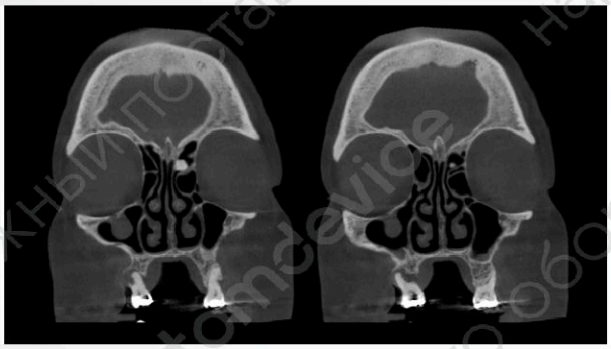


COMPACT FOOTPRINT
With a required space as small as 5 ft. x 6.5 ft., the CS 9600 fits practically anywhere.

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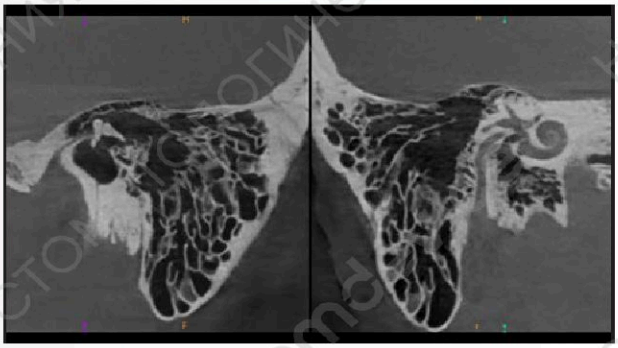
HIGH-QUALITY IMAGES. LOWEST POSSIBLE DOSE.



Coronal views showing osteoma originating from septa of ethmoid air cells.



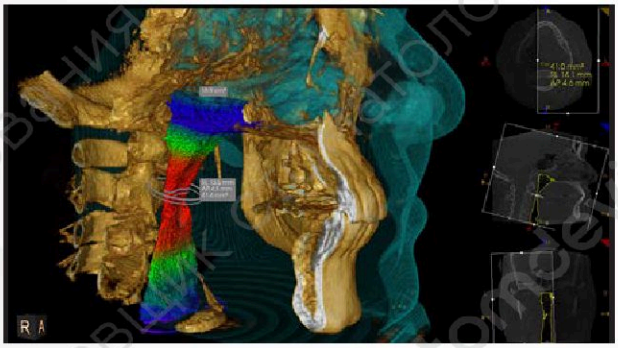
Left and right uncinate processes and middle turbinates are absent, which is suggestive of previous functional endoscopic sinus surgery.



High resolution temporal bone images are very useful in making the diagnosis of inner ear disorders like semicircular canal dehiscence.



Bilateral temporal bone image showing cholesteatoma in the left ear.



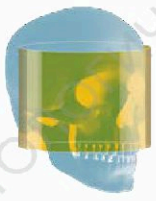
CS AIRWAY[1]
The CS Airway module1 enables better airway analysis with colorful, 3D views of the upper airways and automatic measurements.



CS FACE SCAN[1]
Capture realistic 3D facial images of patients and automatically superimpose them on cone beam CT images so you can visualize soft tissues, facial bones and airway structures on the same display.



16 cm x 17 cm



16 cm x 12 cm



16 cm x 6 cm

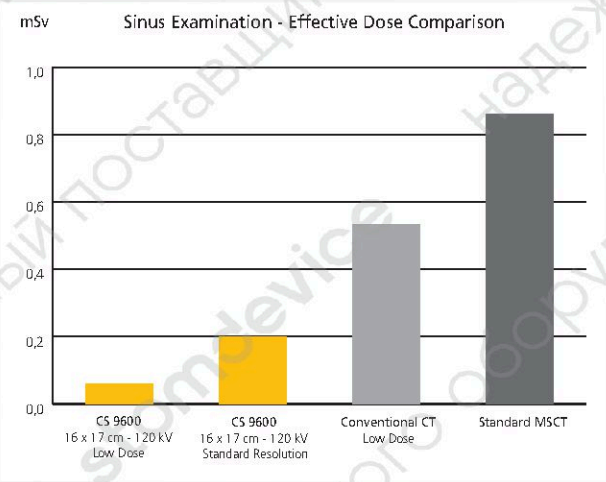


6 cm x 6 cm

SINUS AND TEMPORAL BONE FIELDS OF VIEW
The CS 9600's selectable fields of view, resolution and scan times enable you to achieve optimal image quality and radiation levels and are ideal for meeting the needs of ENT professionals.

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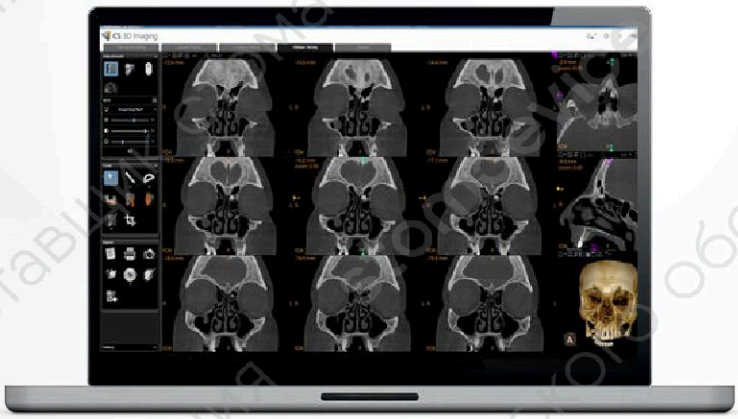
Up to 77% lower dose than MSCT units

LOW DOSE IMAGING

The CS 9600 delivers up to 77 percent less radiation than conventional MSCT units. Selectable fields of view, resolution and scan times enable you to achieve optimal radiation levels and maintain consistency with the ALARA (As Low as Reasonably Achievable) principle.

With the low-dose mode, you can reduce even more radiation—up to 70 percent less dose than the standard program—which is ideal for pediatric exams or patients who require multiple scans.

1 Xu J, Reh D, Carey J, Mahesh M, Siewerdsen JH. Technical assessment of a cone beam CT scanner for otolaryngology imaging: image quality, dose and technique protocols. Med. Phys. Accepted for publication, July 2012.
2 Gupta R, et al. Experimental flat-panel high-spatial-resolution volume CT of the temporal bone. Amer J Neuroradiol 2004;25:1417-1424.
3 Ludlow JB. and Brandon Johnson Effective doses of CS 9600 cone beam CT system conducted in July 2018. ICRP 2007 tissue weights used.
4 Faccioli et al. Radiol Med. 114: 1308-1319, 2009.
5 Niu et al. AJNR 31: 226-229, 2010.
6 Ludlow JB, Ivanovic M. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 106: 106-114, 2008



GET THE MOST FROM EVERY IMAGE

One of the industry's easiest-to-use software interfaces, CS 3D Imaging software features comprehensive tools to view, manipulate and share volumes. The software provides powerful tools that enable you to precisely visualize sinus, airway, temporal bones and soft tissues, improving your diagnostic capabilities and enhancing patient communication.

- DICOM compliance ensures compatibility with third-party systems
- Images can be shared easily using volumes, lightweight screen capture, or printing

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World Class Services

EXPERT ACCREDITATION SUPPORT
We offer a unique and comprehensive program that includes one-day, onsite accreditation support and unlimited online and telephone support for one year. The program also offers product training, radiation safety training and quality control testing support.

DEPENDABLE IMAGE STORAGE
All CS 9600 images are automatically backed up to off-site storage, compliant with IAC requirements. This enables easy collaboration between clinicians and referrals at different locations using a state-of-the-art cloud platform with over 30 million studies managed globally.

STAY TUNED AND COVERED. ENROLL IN THE CS ADVANTAGE PLAN.
Get the extended warranty coverage, software updates, training and support you need to ensure the best possible experience with your equipment and software purchase. It's easy with our CS Advantage plan. Contact your Carestream Dental representative for more information.

EXCLUSIVE CS UPSTREAM
Exclusive remote monitoring technology that continuously screens the CS 9600 system and makes it easy to detect and resolve system errors, prevent downtime and maximize system availability. CS UpStream is available as an add-on to the CS Advantage program.



Learn more about the CS 9600 in-office cone beam CT. Configure yours today at **carestreamdental.com/CS9600Config**

[1]Option

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