

CS 9300

FINALLY...A SYSTEM FOR BOTH ENT AND DENTAL IMAGING.

Designed for a variety of clinical applications, the affordable CS 9300 System delivers high-quality panoramic, paranasal sinus, temporal bone, and dental cone beam CT (CBCT) images at a fraction of the dose of conventional CT. And, it can be upgraded to include cephalometric imaging — making its versatility as exceptional as its low dose and affordability.



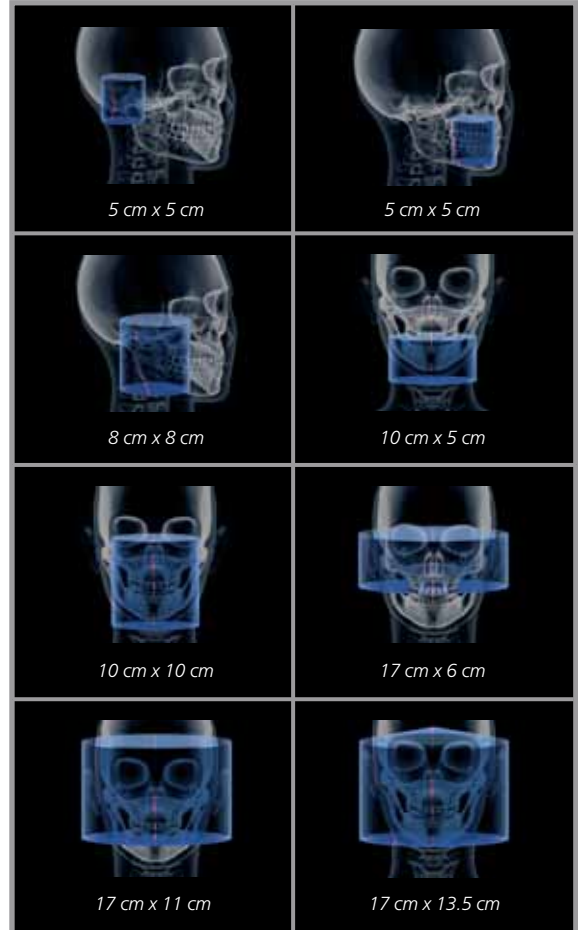
MULTIPLE IMAGING MODALITIES. MULTIPLE REVENUE SOURCES.

The CS 9300 can bring a new source of revenue and productivity to your practice, while having minimal impact on your budget. Combining panoramic and CBCT with optional cephalometric imaging, the unit offers a cost-effective way for radiologists to expand their dental and ENT imaging services and increase CT exam capacity.

TRUE VERSATILITY.

- Suitable for a broad range of clinical applications, including dental implantology, oral surgery, orthodontics, trauma, paranasal sinus, and temporal bone evaluation
- Includes selectable CBCT fields of view ranging from 5 x 5 cm to 17 x 13.5 cm
- Full range of panoramic and cephalometric programs, including one-shot cephalometric technology and exclusive full skull exam (30 cm x 30 cm)

CBCT FIELDS OF VIEW





ATTRACTIVE RETURN ON INVESTMENT.

With so many clinical applications, it's easy to see how quickly the CS 9300 pays for itself. Panoramic and cephalometric exams provide consistent revenue, while CBCT technology offers an affordable way to bring in fresh, new revenue sources — boosting profitability to ensure a short payback period.

- Affordable equipment and low operating costs
- Compact design minimizes the need for costly room modifications
- Integrates easily into existing radiology workflows
- Short setup and scan times promote faster examinations and increase productivity

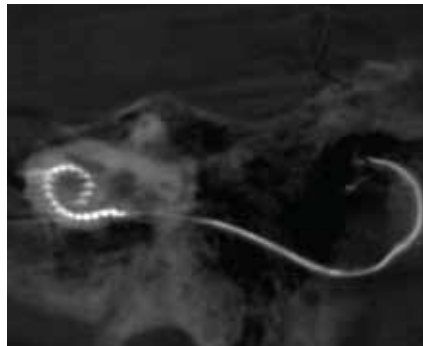
LIMITED RADIATION, UNLIMITED CAPABILITIES.

The CS 9300 uses cone beam CT technology to deliver industry-leading isotropic resolution, ranging from 0.09 mm to 0.5 mm. Moreover, the system's field of view adjusts automatically—confining radiation to the region of interest and ensuring a safer exam for your patients. Referring physicians and dentists are sure to appreciate the high-quality images, all of which are captured at a surprisingly low dose.

- Broad range of isotropic resolutions (0.09 mm – 0.5 mm) and fields of view (5 x 5 cm to 17 x 13.5 cm) ensure optimal image quality and dose for each exam
- Provides superior fine structure visualization of temporal bone and radicular structures due to ultra high CBCT resolution
- Consistent with ALARA principle, uses much less radiation than conventional CT, even the newer low-dose conventional CT units
- Ideal for pediatric applications and patients who require numerous CT scans



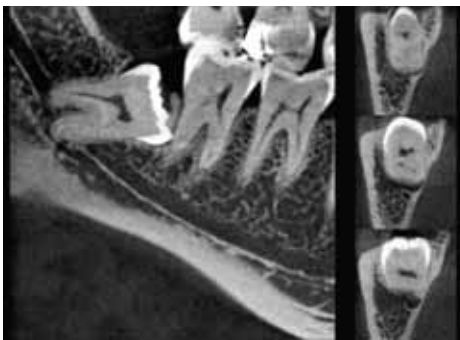
Maxillofacial exam



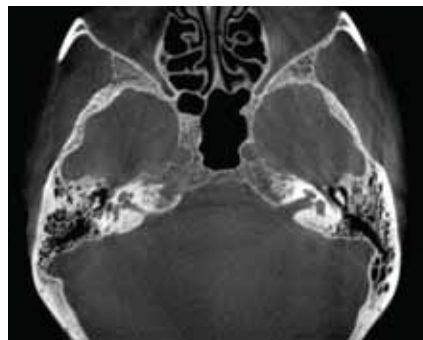
Temporal bone exam (cochlear implant)



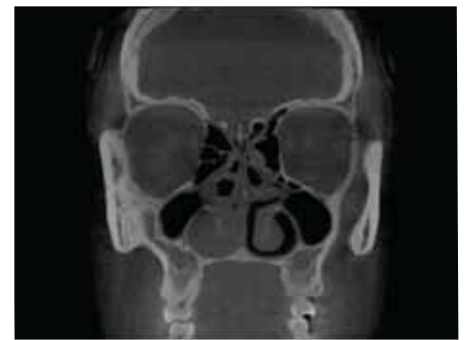
Sinus exam



Dental exam



Bilateral temporal bone exam



Sinus exam



True panoramic technology, one-shot cephalometric imaging

The CS 9300 gives you an unprecedented number of imaging possibilities. Featuring true panoramic imaging and one-shot cephalometric abilities, the unit covers a broad range of applications. And, regardless of which modality you use, the system consistently delivers superb image quality.

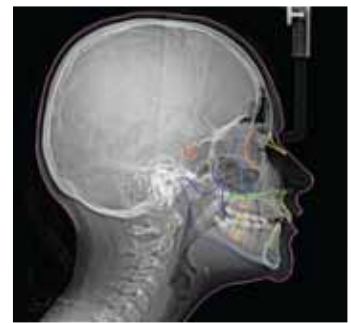
- Features industry-leading panoramic and cephalometric image quality
- Variable focal trough adapts to patient's jaw morphology — generating high-quality, true panoramic images
- One-shot cephalometric imaging captures images in less than a second and reduces risk of motion blur and retakes
- Features broadest range of cephalometric imaging options — 5 sizes ranging from 18 x 18 cm to 30 x 30 cm
- Exclusive landmark cephalometric tracing software automatically traces anatomical structures to save referring dentists time



True panoramic exam



Cephalometric exam including exclusive 30 cm x 30 cm format



Landmark cephalometric tracing software

A SYSTEM THAT ADAPTS TO YOU.

The CS 9300 system is designed to integrate into your workflow — not the other way around. The system's DICOM conformance ensures the unit works with your PACS, RIS, and printing systems. You can even use your current imaging software with the system, thereby eliminating the need to learn new software. Or, take advantage of our included imaging software. Intuitive and easy to use, the software is a perfect way to share and review images with referring dentists and physicians.

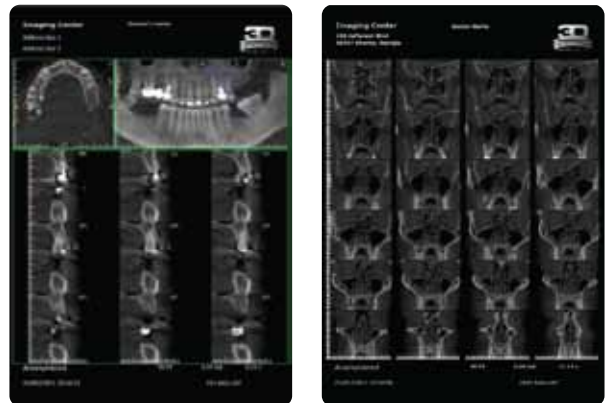
Selected features:

- Compatibility with NobelGuide, Simplant, and SureSmile software*
- Features a dental implant planning module with a comprehensive implant library
- Compatibility with major image-guided surgery systems
- Supports DICOM 3.0 protocols for storage, printing, modality worklist and query/retrieve.
- Complete DICOM interoperability and integration services available

*certification pending



Feature-rich review software including robust implant planning module and TMJ features



Customized reporting



DICOM compliant for optimal integration with PACS, RIS and printing systems.



WHERE SIMPLICITY AND PRODUCTIVITY MEET.

With its face-to-face positioning and open design, the CS 9300 is clearly designed for usability and patient comfort. Preset programs automatically adjust exposure settings and collimate field of view based on the program you select, while the intuitive user interface makes exams faster and more precise than ever.

Designed for Efficiency and Comfort

- Streamlined user interface and computer-controlled system make exams quick and simple
- Specially designed ear/forehead positioners ensure stable positioning
- Exposure and collimation settings adjust automatically based on selected modality
- Laser beams and motorized movement promote precise alignment
- Exams can be performed while patients are sitting or standing
- Wheelchair accessible



Streamlined user interface for fast exam set up

A TRUSTED COMPANY, A PROVEN PRODUCT.

With over a century of experience, no one knows medical and dental imaging like Carestream. From installation and training to technical support and integration services, we provide the expert services you need to keep your equipment operating at peak performance — and the CS 9300 is no exception.

- The CS 9300 is built on a proven CBCT platform with an installed base of over 4,000 units
- Range of professional services from site planning to DICOM interoperability and integration services
- Equipment service agreements allow you to allocate funds for routine maintenance and avoid costly repairs
- One-stop shopping for your CBCT, CR, DR, PACS, RIS, printing and archiving needs

TECHNICAL SPECIFICATIONS

Cone Beam CT Modality

Sensor type:	TFT
Scan mode:	Continuous and pulse
Scanning time:	12–28 seconds (+/-10%)
Gray scale:	16384 – 14 bits
Voxel size (µm):	90 to 500
Field of view (cm):	5x5, 8x8, 10x5, 10x10, 17x6, 17x11, 17x13.5
Reconstruction time:	Less than 2 minutes based on the recommended computer system configuration requirements

Panoramic Modality

Sensor technology:	TFT
Exposure time:	4 to 16 seconds
Radiological exam options:	Panoramic, segmented panoramic, maxillary sinus, LA TMJ x 2, LA TMJ x 4

Cephalometric Modality

Sensor technology:	CCD
Exposure time:	0.1 to 3.2 seconds
Radiological exam options:	Lateral, frontal AP or PA, oblique, submento-vertex, carpus
Acquisition format size (cm):	18x18, 18x24, 24x24, 24x30, 30x30

X-Ray Generator and Other Specifications

Tube voltage:	60–90 kV
Tube current:	2–15 mA
Frequency:	140 kHz
Tube focal spot:	0.7mm (IEC 60336)
Input voltage (AC):	220/230/240V – 50/60Hz 110/110/130V – 50/60Hz
Weight:	160 kg (353 lb) With cephalometric module: 199 kg (438 lb)
Footprint:	Without cephalostat: 1158 (L) x 1595 (D) x 2378 mm (H) (45.6 x 62.8 x 93.6 in.) With cephalostat: 2137 (L) x 1595 (D) x 2378 mm (H) (84.2 x 62.8 x 93.6 in.)
Recommended space:	Without cephalostat: 1500 (L) x 2000 (D) x 2400 (H) mm (59 x 78.8 x 94.5 in.) With cephalostat: 2230 (L) x 2000 (D) x 2400 (H) mm (87.8 x 78.8 x 94.5 in.)

Warning: Class 2 laser product; do not stare into the beam.

For more information, contact your Carestream representative, call 800-262-8144, ext 72770 or visit us online at carestream.com/9300.

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