Carestream
DENTAL

Your Practice.
Your Solutions.

carestreamdental.com

Our Service Offerings For You

CS Advantage

CS Advantage is a new Carestream Dental service product built around three main pillars: warranty protection, software update and support programs. At the moment, CS Advantage is available for our newest products like CS 3600, CS 3700, CS 9600, CS Imaging Software Version 8 and CS Model+.

CS Protect

- Warranty extension on all parts
- Provides a safeguard against unexpected equipment repairs in the event of failure or malfunction by extending the manufacture's standard warranty
- Offers fast equipment repair and replacement turnaround times to reduce downtime and prevent disruption to practice workflow

CS Update

- Keeps you informed of the latest software updates as they become available
- Ensures you always have access to the latest technology and software innovations
- Facilitates software maintenance, updates and enhancements through a simple download link and license key

CS Support

- Through site visits, phone support and troubleshooting our business partners keep your systems up and running
- Carestream Dental Institute provides high-quality online training
  - Available anytime, anywhere via a high-speed internet connection
  - Self-paced, with initial and ongoing product training
  - Multilingual, including English, Spanish, French, German and Italian
- Additional support is available depending on product range (e.g., online community, webinars, scan quality check service)

INTRAORAL IMAGING
Intraoral Camera
CS 1200

Superior image quality at an affordable price.

Features and benefits

- High image resolution (1024 x 768)
- Easy to share, supporting both PC and analog display
- Lightweight and compact
- The rounded head and tapered shape of the camera ensure patient comfort
- Six LED illumination system automatically adjusts to ensure perfectly lit images in any lighting condition
- Stores up to 300 images within the camera itself, eliminating the need for memory cards or multiple computers

Part #	Description
6559991	CS 1200 Intraoral Camera Wired

Technical specifications	
Sensor	Micron 1/2.5 CMOS
Video resolution	640 (H) × 480 (V)
Image resolution	1024 (H) × 768 (V)
Focus range	0.3 cm-2.5 cm
Angle of view	90°
Field of view	80°
Focus	Fixed Focus
Light source	6 White LED array
Video output	TV-NTSC, TV-PAL, VGA, S-Video
Connection	USB 2.0

Recommended PC requirements see page 36

INTRAORAL IMAGING
Intraoral Camera
CS 1500

The ideal communication tool for any dental practitioner.

Features and benefits

- Best-in class image quality and resolution
- Patented true autofocus technology
- With built-in Wi-Fi support, the camera provides total freedom of movement
- White LED exposure ensures uniform and bright illumination
- Intraoral and extraoral imaging
- Compatible with computer and video screens
- Available as wired and wireless configuration

Part #	Description
6559801	CS 1500 Intraoral Camera Wired

Technical specifications	
Sensor	Micron 1/2.5 CMOS
Video resolution	640 (H) × 480 (V)
Image resolution	1024 (H) × 768 (V)
Focus range	0.1 cm to infinity
Angle of view	90°
Field of view	80°
Focus	Autofocus
Light source	8 White LED array
Video output	TV-NTSC, TV-PAL, VGA, S-Video
Connection	USB 2.0

Recommended PC requirements see page 36

INTRAORAL RADIOGRAPHY
Intraoral X-Ray System
CS 2200

Superior digital image quality and accurate diagnoses in any environment.

Features and benefits

- Maximum image quality with minimum exposure

- Total control on tube voltage (60 or 70 kV) for high contrasted or high latitude images

- Intuitive and easy-to-use

- Ideal for digital sensors, analog films or phosphor plates

- High frequency for better patient safety - reduces the radiation dose up to 25% in comparison with a standard generator

- Dose display after each exposure

- Multiple configurations available, a mobile or fixed column mount, as well as wall mounting option fully compatible with the Irix installed base

Part #	Description
5321906	CS 2200
5321880	CS 2200 Irix Mount
5188545	Extension Arm 170 cm
5188552	Extension Arm 188 cm
5188560	Extension Arm 205 cm (except Irix mount)
5159660	CS 2200 Irix Mount with Long Arm 205 cm

Irix Mount
Complete unit with wall mount for replacing existing IRIX systems as well as a variety of other popular manufacturers' systems. Existing holes can be used for wall mounting

Technical specifications	
Power supply	230-240 V
X-ray generator	Very high frequency-DC (300 kHz)
Tube voltage	CS 2100: 60 kV CS 2200: 60 kV, 70 kV
Tube current	7 mA
Tube focal spot	0.07 cm IEC
Focal spot/skin distance	20 cm

X-ray units are also available with 100-110-130 V

A Powerful Generator from the Palm of Your Hand

The CS 2400P is the portable generator that delivers the powerful X-ray beam needed for great image quality while offering the full flexibility of use inherent to a mobile device. In addition, its innovative battery-free recharging system eliminates the burden of battery lifecycle management and costs associated with it—delivering even more comfort and peace of mind of the dental staff.

Whether you choose the CS 2400P as a replacement or in addition to your existing conventional X-ray generators, it will serve as the right companion for intraoral procedures.

Charged and Ready to Go:
The CS 2400P relies on a supercapacitor, not a battery, which means the system can go from completely discharged to ready to go in less than three minutes. When charged, it can produce multiple shots before being recharged in seconds on the chairside charging dock. With no need to swap out batteries, there's no variation in the quality of the X-rays beam being produced based on battery lifecycle, so you can confidently perform intraoral exams.

Exceptional Image Quality:
Don't sacrifice image quality for convenience. The CS 2400P's parameters are similar to those of a conventional generator (70 KV; 3,5 mA) and has a shorter dispatch than less powerful handheld generators. This reduces the risk of motion during the exposure and improves sharpness. Its 0.4mm focal spot provides sharper details than even conventional generators, which typically feature a 0.7mm focal spot.

The 'P' Says it All:
Portability is key for freeing up wall space and giving teams the flexibility to move between operatories. At just 2.4 kg, the CS 2400P is lightweight and well balanced, making it easy to handle during procedures and reducing operator fatigue. Its convenient size means it can be secured and stored away anywhere to keep the operatory tidy.

Focus on Patients:
Keep patients at ease with constant contact by their side. Not only does a portable generator give you the freedom to move around the patient more easily, you'll also have more control over placing the sensor before capturing the image for better image quality.

Prioritize Safety:
The CS 2400P features a backscatter protection ring to shield the operator from secondary X-rays coming from the patient. Carestream Dental has specially-engineered positioning accessories available to maximize operator handling and safety.

Make Your Investment Go Further:
With no need to constantly purchase new batteries or schedule regular maintenance, such as mechanical arm safety checks, the CS 2400P is a cost-effective investment that saves your practice money over time. Should the system need maintenance, it can be quickly and easily swapped out for service.

Technical Specifications

Power supply	Super Capacitor (battery free)
Voltage / Current	70 kV DC / 3.5 mA
Exposure time range	0.06 – 1.00 s
Focal spot	0.4 mm
Inherent filtration	> 1.5 mm
Al equivalent source to skin distance	20 cm x-ray field: 60 mm round
Maximum duty cycle	1:30
Total Weight	5.27 lbs. (2.39kg)
Dimensions	W 5.5" x L 10.6" x H xx" (W 14 cm x L 27 cm x H xx cm)

Digital Radiography System

RVG 5200

Intuitive intraoral imaging.
Affordable price.

Features and benefits

- An ideal solution for basic intraoral imaging needs
- Exceptional images quickly and easily
- Advanced image processing tools
- 1.6 lp/cm true image resolution
- Affordable entry point into digital intraoral imaging

Technical specifications

	Sensor size 1	Sensor size 2
True image resolution*	1.6 lp/cm	1.6 lp/cm
Pixel size	19 µm	19 µm
External dimensions	2.76 × 3.77 cm	3.22 × 4.42 cm
Dimensions of active area	2.22 × 2.96 cm	2.66 × 3.55 cm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	0.73 cm	0.73 cm
Purpose	All-purpse sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

Recommended PC requirements see page 36

*Did you know? Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, **true resolution** adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/cm.

Digital Radiography System

RVG 6200

Maximum diagnostic precision. Film-quality digital images. Perfect for any dental application.

Features and benefits

- 2.4 lp/cm true image resolution promotes maximum diagnostic precision

- Customized image contrast according to diagnostic need

- Ergonomically optimized rear entry cable attachment facilitates comfortable positioning

- Sensor cable is 20% thinner and more flexible than previous models of RVG sensors

- Workflow is reduced by two steps and is optimized to the extreme: Position. Expose. View.

- Simplified installation process verifies that the sensor is installed correctly

- Better diagnostic and improved workflow with CS Adapt (for details see page 29)
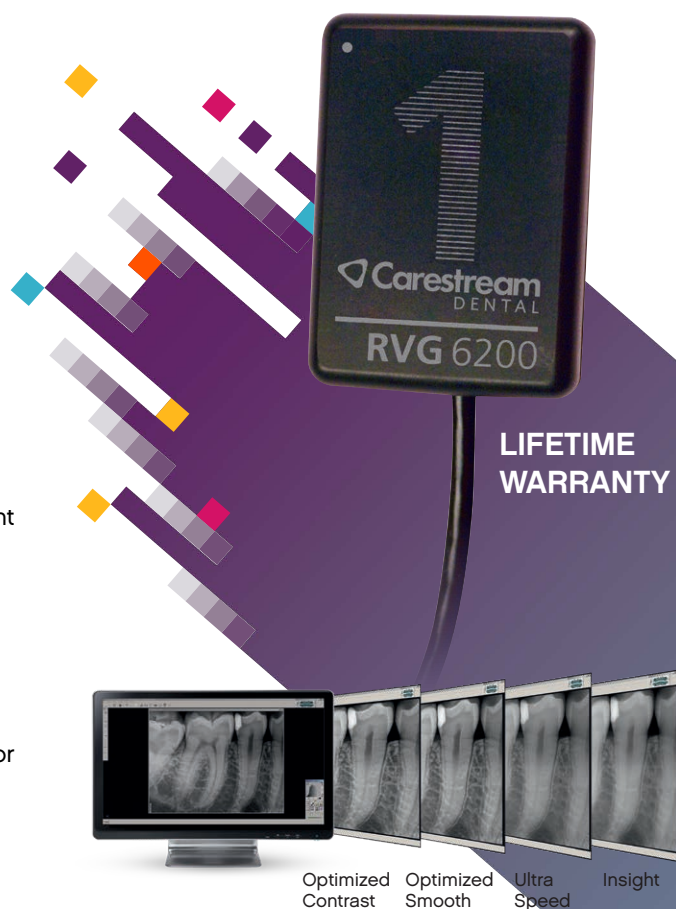
LIFETIME WARRANTY

Optimized Contrast   Optimized Smooth   Ultra Speed   Insight

Technical specifications

	Sensor size 1	Sensor size 2
True image resolution*	>24 lp/mm	>24 lp/mm
Pixel size	19 μm	19 μm
External dimensions	2.76 × 3.77 cm	3.22 × 4.42 cm
Dimensions of active area	2.22 × 2.96 cm	2.66 × 3.55 cm
Number of pixels	1.82 million	2.63 million
Sensor plate thickness	0.73 cm	0.73 cm
Purpose	All-purpose sensor	Bitewing examinations
Sensor	CMOS with optical fiber technology	
Connection	USB 2.0	

Recommended PC requirements see page 36

*Did you know? Theoretical resolution is a calculation of what the sensor is capable of in an ideal world, based solely upon the number of pixels and pixel size of the CMOS sensor. In contrast, **true resolution** adds in the components of the finished product, including sealants, shock layers, scintillators, and protective housing, as well as detector noise and scanner vibrations, to determine the measured resolution in lp/cm.

Comparative Matrix for RVG Range

Features	RVG 5200	RVG 6200
Topline Advantages	• Best value • Resolution/price balance	• Direct to USB • Streamlined, three-step workflow • Highest resolution
Pedodontic sensor- Size 0		•
Size 1 and 2 sensors	•	•
Automatic FMS	•	•
Waterproof	•	•
Specialized positioners	•	•
Shock resistant	•	•
Optimal patient comfort	•	•
Instant image acquisition	•	•
High resolution	•	•
USB Connectivity	•	•
Best-in-class warranty	•	•
Advanced image enhancement	•	•
TWAIN compatible	•	•
Film-quality resolution		•
Caries detection		•
Wi-Fi enabled		
CS Adapt image processing module		•

Part #	Description
8024382	RVG 6200 #1 Operatory Kit
8024390	RVG 6100 #2 Operatory Kit
5188685	Sensor Holder Kit For Size 1 & 2
8024333	USB Hub 2.0
5174305	RINN® XCP-ORA™ Kit. Size 1
5174313	RINN® XCP-ORA™ Kit. Size 2
5174321	RINN-type bite blocks. Compatible with Rinn XCP-ORA arm and ring. Size 1
5174339	RINN-type biteblocks. Compatible with Rinn XCP-ORA arm and ring. Size 2
5174040	RINN-type bite blocks. Horizontal applications. Size 1
5174057	RINN-type bite blocks. Vertical applications. Size 2

Part #	Description
5174065	RINN-type bite blocks. Horizontal applications. Size 2
5156047	Paddle holders. Vertical applications. Size 1
5156054	Paddle holders. Horizontal applications. Size 1
5156161	Paddle holders. Bitewing applications. Size 1
5156062	Paddle holders. Vertical and Horizontal applications. Size 2
1844794	Hygienic sheaths for size 1 sensor
5155221	Hygienic sheaths for size 2 sensor

Operatory kit includes: positioning kit, user documentation, bite blocks, paddle holders, hygenic sheaths, USB hub and wall or generator mount.

Intraoral Imaging Plate System
CS 7200

The everyday digital system that's as easy as film. With its slim, compact design, the CS 7200 is the perfect chairside system for routine intraoral exams and an easy, affordable digital solution for your practice.

Features and benefits

- True resolution up to 1.9 lp/cm

- Covers most intraoral indications including periapical, bitewing and pediatric exams

- Space-saving design and quite scanning

- Simple workflow – no clicks required

- Thin, flexible plates

- Better diagnostic and improved workflow with CS Adapt (for details see page 29)

Part #	Description
1067545	Imaging Plate #0 - 4 Pcs
1067552	Imaging Plate #1 - 4 Pcs
1067560	Imaging Plate #2 - 4 Pcs
1067495	Hygienic Sheaths #0 - 200 Pcs
1067503	Hygienic Sheaths #1 - 200 Pcs
1067511	Hygienic Sheaths #2 - 200 Pcs

Technical specifications	
Imaging plate scanning resolution	Ultra high resolution 1.9 lp/cm High resolution 1.4 lp/cm High speed 0.8 lp/cm
Plate Sizes	Size 0 – 2.2 cm x 3.5 cm Size 1 – 2.4 cm x 4 cm Size 2 – 3.1 cm x 4.1 cm
Power supply	100-240 V (ac), 50/60 Hz, 1.2 A
Connectivity	USB
System dimensions	27 (H) x 13 (W) x 30 (D) cm
Weight	7.7 lb

Recommended PC requirements see page 36

COMPUTED RADIOGRAPHY
Intraoral Imaging Plate System
CS 7600

The first imaging plate system to feature a fully automated and secure workflow designed to improve productivity and user experience by allowing multiple operators to use the system on multiple patients at the same time, with no waiting required and no risk of errors.

Features and benefits

- High image resolution (up to 1.8 lp/cm) with a wide exposure range

- First image viewable in as few as 5 seconds. Full Mouth Series from 2-6 minutes

- Can be used by multiple users at the same time

- Built-in memory eliminates the risk of lost images and allows users to scan plates during network failure

- Scan & Go technology
  - Fully secure and automated workflow, avoiding plate mix-up, confusion, and mistakes
  - Secured multi-patients and multi-users management at the same time
  - Bulk scanning reduces operating time

- Remote services help reduce downtime and optimize service cost

- Better diagnostic and improved workflow with CS Adapt (for details see page 29)

Technical specifications

Imaging plate scanning resolution	Super high resolution 1.7 lp/cm High resolution 1.4 lp/cm High speed 0.8 lp/cm
Plate Sizes	Size 0 – 2.2 cm x 3.5 cm Size 1 – 2.4 cm x 4 cm Size 2 – 3.1 cm x 4.1 cm Size 3 – 2.7 cm x 5.4 cm Size 4 – 5.7 cm x 7.6 cm
Power supply	100-240 V (ac), 50/60 Hz, 1.5 A
Display	7.5 cm (3.5") color LCD display
Unit dimensions (without bracket)	26.6 (H) x 23.7 (W) x 25.9 (D) cm
Weight	13.2 lb

Recommended PC requirements see page 36

Part #	Description
1014315	CS 7600 Scan & Go Device
1059955	CS 7600 Smart Plate Size 0 V2 - 4 PCS
1059963	CS 7600 Smart Plate Size 1 V2 - 4 PCS
1059989	CS 7600 Smart Plate Size 2 V2 - 4 PCS
1059997	CS 7600 Smart Plate Size 3 V2 - 4 PCS
1060011	CS 7600 Smart Plate Size 4 V2 - 2 PCS
1014364	CS 7600 Hyg Sheaths Size 0 200 PCS
1014372	CS 7600 Hyg Sheaths Size 1 200 PCS
1014380	CS 7600 Hyg Sheaths Size 2 200 PCS
1014398	CS 7600 Hyg Sheaths Size 3 200 PCS
1014406	CS 7600 Hyg Sheaths Size 4 200 PCS

Extraoral Imaging System

CS 8100

With its new Tomosharp technology and powerful image processing, the CS 8100's Evo Edition delivers even more outstanding image clarity than ever before. Extremely compact and simple, this panoramic system makes positioning easier, image acquisition faster and high image quality more accessible. Easy to install, learn and use, the CS 8100 is the perfect unit for your routine imaging needs.

Features and benefits

- Compact, slim unit – perfect for tight spaces

- Versatile imaging programs cover all your daily panoramic needs

- Use artifact-free image filters to adjust contrast and sharpness with one click

- Acquire images in 10 seconds; then access them instantly

- Convenient and practical face-to-face patient positioning

- Includes our user-friendly and powerful imaging software

- Exclusive 2D+ Technology: allows for buccal/lingual exploration and visualization of multiple slices for more details than ever

- Better diagnostic and improved workflow with CS Adapt (for details see page 29)

- Upgradeable to ceph and/or 3D

Technical specifications see page 16
Recommended PC requirements see page 36

DIGITAL EXTRAORAL RADIOGRAPHY

Extraoral Imaging System

CS 8100 3D

With its new Tomosharp technology and powerful image processing, the CS 8100's Evo Edition delivers outstanding image clarity. The CS 8100 3D combines 2D and 3D imaging in one unit, helping general practitioners, endodontists, periodontists and other specialists alike fulfill all of their routine imaging needs.

Features and benefits

- Provides best image quality for your investment

- Selectable 3D programs include four fields of view ranging from 4 x 4 cm to 8 x 9 cm

- Ultra-high resolution perfect for endodontic needs (75·m)

- Multifunction system covers a broad range of dental procedures

- Lightweight, ultra-compact unit fits easily in small spaces

- Delivers outstanding value; quick return on investment

- Easy to install, learn, and use

- Better diagnostic and improved workflow with CS Adapt (for details see page 29)

| 4 cm x 4 cm | 5 cm x 5 cm | 8 cm x 5 cm | 8 cm x 9 cm |

Low Dose mode

CAD/CAM COMPATIBLE

Technical specifications see page 16
Recommended PC requirements see page 36

DIGITAL EXTRAORAL RADIOGRAPHY
Extraoral Imaging System
CS 8100SC / CS 8100SC 3D

The unit features the award-winning technology and compact design concept of the CS 8100 system but with the added benefit of advanced cephalometric imaging.

Features and benefits

- Same features as CS 8100 or CS 8100 3D system, plus cephalometric imaging, offering a range of new diagnostic possibilities

- Versatile cephalometric image formats: 26 x 24 cm, 18 x 24 cm and 18 x 18 cm

- Short exposure time reduces patient dose and the risk of motion blur

- Exclusive automatic tracings for faster diagnosis

- Optimized visualization thanks to orthodontic pre-set filters

- Advanced imaging technology ensures crystal-clear image capture

- Dual sensors – one for panoramic and cephalometric imaging, no need to change the sensor between examinations

- Unrivalled combination of small size and powerful performance

EXCLUSIVE

Low Dose mode

CAD/CAM COMPATIBLE

See More. Do More. Right in Your Practice.

Extended Capabilities in a Small Package

The CS 8200 3D is a versatile and compact CBCT system featuring an extended field of view—ideal for practices that want to cover a broader range of indications or expand their treatment capabilities. Powered by Carestream Dental's premium imaging technologies and software, this proven 4-in-1 solution delivers superb image quality in all modalities and enables you to offer more in-office services.

Ø8 cm

Ø12 cm
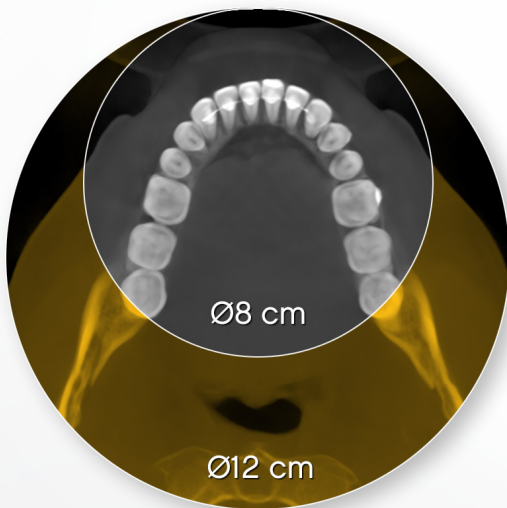
NEW

EXTENDED FIELD OF VIEW

The CS 8200 3D features two additional fields of view[1] —12 cm x 5 cm and 12 cm x 10 cm—perfectly suited for scanning the full arch in a single scan and ideal for any cases involving the entire dentition or third molar.

MULTI-FUNCTIONAL SYSTEM

In addition to diagnostic imaging, the CS 8200 3D allows you to obtain precise digital 3D models that integrate seamlessly with optional 3D applications, including those for implant planning and orthodontics.

[1] Option

Expand Your Vision.
Expand Your Practice.

Image quality is the cornerstone of the CS 8200 3D. Our advanced imaging technologies provide exceptional clarity with limited artifacts and noise, enhancing your diagnostic capabilities and helping you to see more than ever before.

With its extended field of view, advanced software applications and optional cephalometric module, the CS 8200 3D meets all the needs of general dentists and specialists placing implants as well as those performing endodontic treatments, periodontal treatments, oral surgery, orthodontic procedures or airway analysis.

NEW
REDUCED METAL ARTIFACTS
Exclusive CS MAR[1] technology with live comparison automatically reduces metal artifacts and helps confirm diagnosis and reduces the risk of misinterpretation.

SELECTABLE FIELDS OF VIEW
With up to six fields of view—ranging from 4 cm x 4 cm to 12 cm x 10 cm[2]— you can obtain the ideal image for each individual exam at the lowest dose.

NEW
ADVANCED NOISE REDUCTION
This algorithm reduces image noise while preserving clinical details and improves perception of the cortical bone edge, ligament space, soft tissues and other small details.

HIGH-RESOLUTION 3D IMAGES
EndoHD mode delivers extremely high-resolution images (up to 75 µm), perfectly suited for endodontic indications.

NEW
OUTSTANDING 2D IMAGES
Thanks to the new Tomosharp technology and advanced image processing, the CS 8200 3D delivers panoramic, cephalometric and extraoral bitewing images with impressive sharpness.

POWERED BY CS IMAGING VERSION 8
Our latest imaging software connects all Carestream Dental imaging and CAD/CAM technologies into a single platform—the first step to an effective digital workflow.
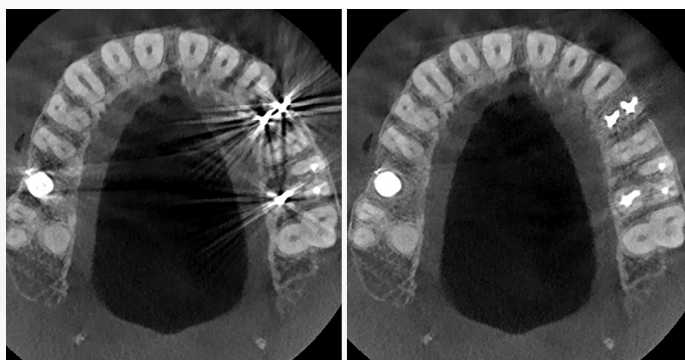
CS MAR allows significant reduction of artifacts caused by implants, fillings or restorations.
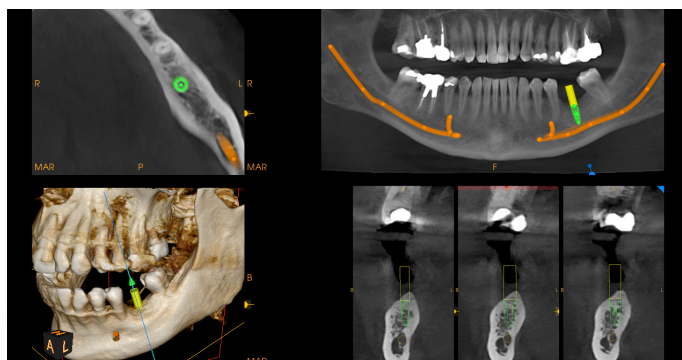
Full arch scans are ideal for cases involving the entire dentition.

[1] Option
[2] In Ontario, the use by dentists of FOVs that are over 8 cm x 8 cm is subject to conditions.

CS 8100 Family Technical Specifications

CS 8100 EVO (2D)		
Item	**Viewing**	**Acquisition**
CPU	2 GHz Intel Duo Core	9th Generation Intel Core i5-9500 6 cores (3 GHZ base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology)
RAM	4 GB	16 GB
Hard disk drive	1.2 GB for software installation 80 GB free space to use the software	4 GB for software installation 250 GB free space to use the software
Graphic board	Graphic-based board supporting Open GL 1.2 with 256 MB of video RAM on AGP x8 video bus	Graphic-based board on PCI Express video bus with minimum 512 MB of video RAM
Display	1024 x 800 minimum screen resolution 32 bits color mode	1280 x 1024 minimum screen resolution
Operating system	Windows 7; Windows 8; Windows 10	Windows 10
Ethernet interface	NA	2 Ethernet interfaces: 1 Gbits Ethernet board for the connection with the unit - Another optional Ethernet board for a LAN connection
CD/DVD drive	A DVD-BURNER drive is required.	A DVD-BURNER drive is required.
Backup Media	Removable/portable, external hard disk drive	Removable/portable, external hard disk drive.
Mouse	A mouse with 2 buttons and a scroll wheel is required	A mouse with 2 buttons

CS 8100 3D EVO		
Item	**Viewing**	**Acquisition**
CPU	2 GHz Intel Duo Core	9th Generation Intel Core i5-9500 6 cores (3 GHZ base frequency, up to 4,4 GHz with Intel® Turbo Boost Technology)
RAM	4 GB (16 GB if MAR)	16 GB
Hard disk drive	1.2 GB for software installation 250 GB free space to use the software	4 GB for software installation 500 GB free space to use the software
Graphic board	Nvidia/ATI based board supporting Open GL 1.2 with 512 MB of dedicated video RAM on AGP x8 video bus	Cuda version 10.1 or higher Compute capability 3 or higher Nvidia based board on PCI Express video bus with minimum 4 GB of video RAM
Display	1024 x 768 minimum screen resolution 32 bits color mode	1280 x 1024 minimum screen resolution 1/1000
Operating system	Windows 7 (64-bit); Windows 8/8.1 (64-bit); Windows 10 (64-bit)	Windows 10 (64-bit)
Ethernet interface	NA	1. Ethernet interfaces: - 1 Gbits Ethernet board for the connection with the unit - Another optional Ethernet board for a LAN connection
CD/DVD drive	A DVD-BURNER drive is required.	A DVD-BURNER drive is required.
Backup Media	Removable/portable, external hard disk drive	Removable/portable, external hard disk drive.
Mouse	A mouse with 2 buttons and a scroll wheel is required	A mouse with 2 buttons

Part #	Description
5310842	Panoramic Chin Rest For CS 8100
5310859	Sinus Chin Rest For CS 8100
5310867	TMJ Nose Rest For CS 8100
5500210	Frankfort Guide Bite Block for Pano
5157565	Bite Stick - Panoramic
5157581	Bite Stick - Edentulous
5302872	Single Use Sleeves - Pano Bite Block
5302898	Single Use Sleeves - Ear Rods
5319355	Carpus Panel for Scan Ceph
5311246	3D Bite Block Support for CS 8100

Part #	Description
5311212	3D Standard Bite Block
5311220	3D Child Bite Block
5311204	3D Molar Bite Block for CS 8100 3D
5500228	3rd Molar Offset Bite Block + Temple Support Cone
5302880	Single Use Sleeves - 3D Bite Block
5313754	3D Object Acquisition Platform - CS 8100 3D
5313762	Foams for 3D Object Acquisition - CS 8100 3D
5303474	CS 8100 2D Accessory Kit
5311196	CS 8100 3D Accessory Kit

CS 8100 Family Technical Specifications

CS 8100SC	
3D Modality	
Sensor	NA
Scan mode	NA
Exposure time	NA
Field Of View (cm)	NA
Voxel size (µm)	NA
Reconstruction time	NA
Cephalometric Modality	
Technology	Scan
Sensor	CMOS
Gray Scale	16384 – 14 bits
Image field	0.64 x 26.3 cm
Magnification	1.13 (ffl 10%)
Exposure time	3 to 10 seconds
Radiological exam options	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Cephalometric formats	26 x 24 cm, 18 x 24 cm and 18 x 18 cm
Minimum required space	184.2 (L) x 113.3 (D) x 159.6 (min H) cm
Weight	236 lbs
Panoramic Modality	
Sensor	CMOS
Gray Scale	4096 - 12 bits
Magnification	1.2 (ffl 10%)
Exposure time	2 to 12.5 seconds
Exposure mode	4 patient sizes (child, small, medium, large)
Radiological exam options	Full panoramic, segmented panoramic, maxillary sinus, LA TMJ x 2, LA TMJ x 4, 2D+
X-Ray Generator and Other Specifications	
Tube voltage	60-90 kV
Tube current	2 - 15 mA
Frequency	140 kHz
Tube focal spot	0.05 cm
Total filtration	> .25 cm eq. Al
Unit dimensions (with ceph)	33 (L) x 89.4 (D) x 159.6 (H) cm
Unit dimensions (without ceph)	184.2 (L) x 93.6 (D) x 159.6 (H) cm
Weight	159 lbs

CS 8100SC 3D	
3D Modality	
Sensor	CMOS
Scan mode	Continuous and pulse
Exposure time	7 to 15 seconds
Field Of View (cm)	4 x 4 / 5 x 5 / 8 x 5 / 8 x 8 / 8 x 9
Voxel size (µm)	75 µm minimum
Reconstruction time	Less than 2 minutes
Cephalometric Modality	
Technology	Scan
Sensor	CMOS
Gray Scale	16384 – 14 bits
Image field	0.64 x 26.3 cm
Magnification	1.13 (ffl 10%)
Exposure time	3 to 10 seconds
Radiological exam options	Lateral, frontal AP or PA, oblique, submento-vertex, carpus (optional)
Cephalometric formats	26 x 24 cm, 18 x 24 cm and 18 x 18 cm
Minimum required space	184.2 (L) x 113.3 (D) x 159.6 (min H) cm
Weight	236 lbs
Panoramic Modality	
Sensor	CMOS
Gray Scale	16384 - 14 bits
Magnification	1.2 (ffl 10%)
Exposure time	2 to 14 s
Exposure mode	4 patient sizes (child, small adult, medium adult, large adult) 3 dental arch morphology (normal, square, sharp)
Radiological exam options	Full panoramic, segmented panoramic, maxillary sinus, LA TMJ x 2, LA TMJ x 4
X-Ray Generator and Other Specifications	
Tube voltage	60-90 kV
Tube current	2 - 15 mA
Frequency	140 kHz
Tube focal spot	0.06 cm ; 0.07 cm
Total filtration	> .25 cm eq. Al
Unit dimensions (with ceph)	33 (L) x 89.4 (D) x 159.6 (H) cm
Unit dimensions (without ceph)	184.2 (L) x 93.6 (D) x 159.6 (H) cm
Weight	159 lbs

DIGITAL EXTRAORAL RADIOGRAPHY
Intelligence Drives Precision

CS 9600

CS 9600 enables new levels of image quality, usability and, ultimately, precise diagnostic capabilities. The system features intelligent innovations and automated workflow technologies to ensure reliable patient positioning and reproducible image quality. And for a future the system can grow with your practice – thanks to upgradeable fields of view, versatile imaging options and added-value software.

Features and benefits

- Available in four upgradable versions – 8 x 8 cm, 16 x 10 cm, 16 x 17 cm – with a wide range of selectable fields of view that are ideal for examining the dental and maxillofacial region, as well as TMJ, sinus, ears, cervical spine joints and wrist joints

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

- SmartAuto Pan and SmartAuto 3D analyze the patient morphology and density to automatically calculate the right exposure settings and trajectory, or to precisely define the field-of-view position

- A sleek, modern touch screen and clear user interface guide you through the entire exam protocol and offer a new level of intuitive operation

- CS MAR drastically reduces metal artifacts and even lets you explore images dynamically – with and without a filter – for more confident diagnosis

- The 120-kV high-power imaging chain helps reduce artifacts and improve contrasts while reducing effective dose for CBCT exams

- Capture realistic 3D facial photos with the optional CS Face Scan, and automatically superimpose the surface scan with CBCT images and 3D models

NEW!

CAD/CAM COMPATIBLE

CS UpStream

Part #	Description
5501598	3D Head Support and Head Strap for CS 9600
5311212	3D Bite Plate - 4 PCS
5311220	3D Child Bite Block - 2 PCS
5501580	3D Bite Plate Support
5940200	3D Object Acquisition
5940218	Stitching Platform Foam - 6 PCS
5501564	Chin Rest
5501572	Nose Rest
5157565	Bite Stick - 5 PCS
5157581	Bite Stick Edentulous - 2PCS
5500210	Frankfort Guide Bite Block for Panoramic Imaging - 3 PCS
5302872	Box of 150 Shields for Bite Stick - 3 Boxes
5302880	Box of 40 Shields for 3D Bite - 2 Boxes
5940051	Head Cone for CS 9600 Head Clamp
5941232	CS Face Scan Positioner w/o License
5941240	Wrist 3D Positioner for CS 9600 w/o License

CELLERANT
BEST OF CLASS
TECHNOLOGY AWARD
2019

EDISON AWARDS
WINNER
2019

DIGITAL EXTRAORAL RADIOGRAPHY

CS 9600

4 cm x 4 cm, 5 cm x 5 cm, 6 cm x 6 cm	5 cm x 8 cm	8 cm x 5 cm, 10 cm x 5 cm, 12 cm x 5 cm	8 cm x 8 cm 10 cm x 10 cm	12 cm x 10 cm
16 cm x 6 cm	16 cm x 10 cm	16 cm x 12 cm	16 cm x 17 cm	

Technical specifications

3D Modality	
Sensor	CMOS
Scan mode	Continuous
Exposure time	5.5 to 40 seconds (20 x 20 seconds)
Field of view	4 x 4 / 5 x 5 / 5 x 8 / 6 x 6 / 8 x 5 / 8 x 8 / 10 x 5 / 10 x 10* / 12 x 5 / 12 x 10* / 16 x 6 / 16 x 10* / 16 x 12 / 16 x 17* *with tip of the volume
Voxel size	75 - 400 µm
Radiological exam options	Tooth / teeth, full, upper or lower jaw, TMJ, Face, ENT, upper cervical spine, wrist
Panoramic Modality	
Sensor	CMOS
Gray Scale	16384 – 14 bits
Magnification	1.28
Exposure time	0.5 to 13 s
Exposure mode	4 patient sizes: child, small adult, medium adult, large adult 3 dental arch morphologies: normal, square, sharp
Radiological exam options	Full panoramic, segmented panoramic, bitewing, maxillary sinus, lateral TMJ x 2, lateral TMJ x 4, Sinus AP/PA/Lateral, orthogonal panoramic
X-Ray Generator and Other Specifications	
Tube voltage	60 – 90 kV / 60 – 120 kV (optional)
Tube current	2 – 15 mA
Frequency	140 kHz
Tube focal spot	0.03 or 0.07 cm
Total filtration	>0.25 cm eq. Al
Unit dimensions	128.4 (L) x 166.9 (D) x 252.6 (H) cm
Required space	150 (L) x 200 (D) x 255 (H) cm (without optional seat or when seat installed on the left) 190 (L) x 200 (D) x 255 (H) cm (with optional seat installed on the right)
Weight	463 lb
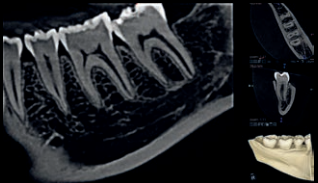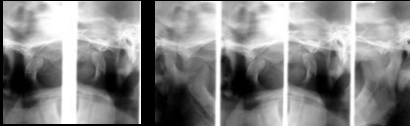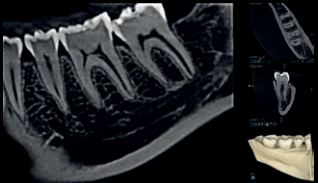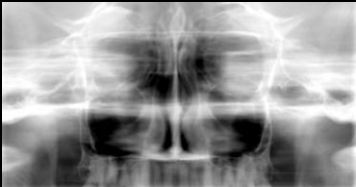
Comparative Matrix for Extraoral Range
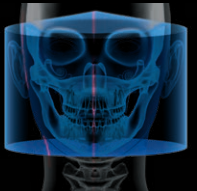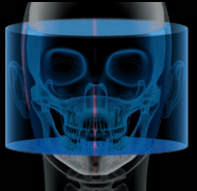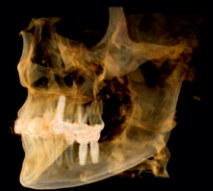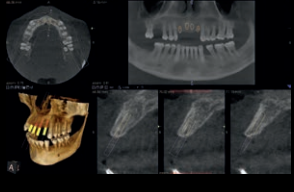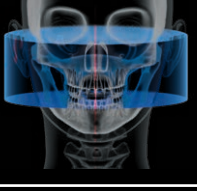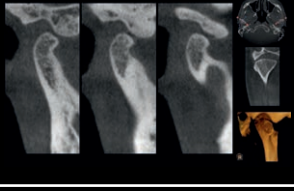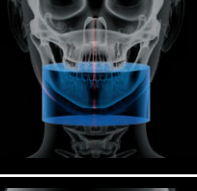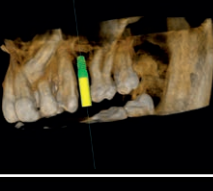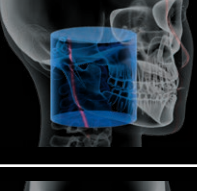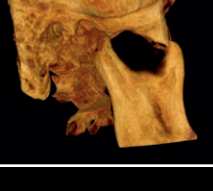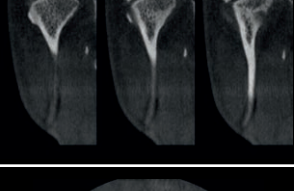
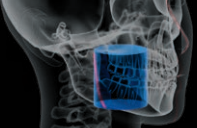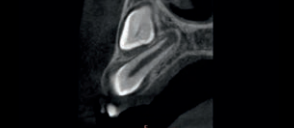| Modalities and Features	CS 8100 / CS 8100SC	CS 8100 3D / CS 8100SC 3D	CS 9600 12x10 Edition	CS 9600 16x10 Edition	CS 9600 16x17 Edition
2D panoramic, TMJ, sinus	✓	✓	✓	✓	✓
2D cephalometric	Optional	Optional	Optional	Optional	Optional
3D imaging	Upgradeable to 3D	✓	✓	✓	✓
3D facial scanning			Optional	Optional	Optional
3D fields of view size (cm)	N/A	Selectable: 4x4, 5x5, 8x5, 8x9	Selectable: 4x4, 5x5, 6x6, 5x8, 8x5, 8x8, 10x5, 10x10, 12x5, 12x10	Selectable: 4x4, 5x5, 6x6, 5x8, 8x5, 8x8, 10x5, 10x10, 12x5, 12x10, 16x6, 16x10	Selectable: 4x4, 5x5, 6x6, 5x8, 8x5, 8x8, 10x5, 10x10, 12x5, 12x10, 16x6, 16x10, 16x12, 16x17
Applications	CS 8100 / CS 8100SC	CS 8100 3D / CS 8100SC 3D	CS 9600 12x10 Edition	CS 9600 16x10 Edition	CS 9600 16x17 Edition
General practice	•••	•••	••	•	•
Endodontics	•	•••	••	•	•
Implantology	•	••	•••	•••	•
Periodontics	•	•••	•••	•••	•
Oral and maxillofacial surgery	•	•	•••	•••	•••
Orthodontics	•••	••	•	•	•••
Radiology center			•	•	•••
ENT practice					•••

• Good •• Better ••• Best

PLEASE NOTE: The bullet ratings listed above are simply recommendations based on feedback from our thought leaders and users. One bullet indicates the unit meets basic requirements for the application; three bullets indicate it is the best choice.

EXTRAORAL IMAGING PROGRAMS

CS 8100		
Panoramic imaging	**Cephalometric imaging**	**3D imaging**

Panoramic imaging

Standard panoramic

Pediatric panoramic

Segmented panoramic

Lateral TMJ x2   Lateral TMJ x4

Maxillary sinus

2D+

Cephalometric imaging

Cranial format 26 cm x 24 cm

Standard format 18 cm x 24 cm

Reduced format 18 cm x 18 cm

Lateral view

Frontal views (AP/PA)

Carpus

3D imaging

Universal field of view 5 cm x 5 cm

Pediatric mode 4 cm x 4 cm

Endo HD mode 5 cm x 5 cm

Single jaw mode 8 cm x 5 cm

Dual jaw mode 8 cm x 9 cm

EXTRAORAL IMAGING PROGRAMS

CS 9300			
FOV	**REGION OF INTEREST**	**SAMPLE IMAGES**	**RECOMMENDED APPLICATIONS**
17 x 13.5			• Orthodontics • Complex treatment planning • Orthognathic surgery • Facial reconstruction • Traumas • Sinus and airway analyses
17 x 11			• Orthodontics • Complex treatment planning • Orthognathic surgery • Facial reconstruction • Traumas • Sinus and airway analyses
10 x 10			• Implantology • Complex impactions • Other cases involving both dental arches • Single TMJ assessments
17 x 6 – TMJx2			• Double TMJ assessments
10 x 5			• Implantology, • Impactions • Other cases involving one dental arch
8 x 8 – TMJx1			• Single TMJ assessments
8 x 8			• Implantology • Complex impactions • Other cases involving both dental arches
5 x 5			• Endodontics • Single implants • Impactions • TAD planning • Any applications requiring a high level of detail (90µm)

CS 9600
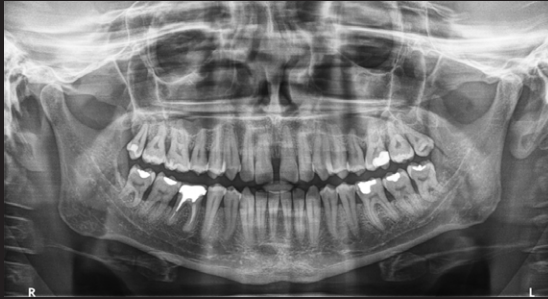
Panoramic

A complete range of panoramic programs cover all of your routine needs, including, but not limited to extraoral bitewing, extraoral FMS and low dose options

Endodontics
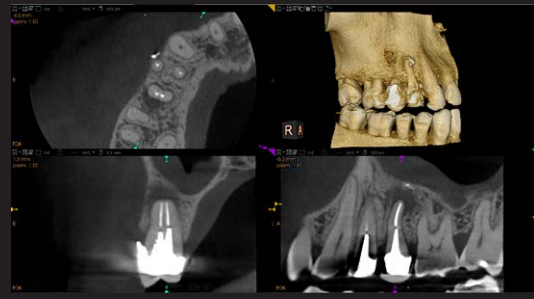
High resolution images (up to 75 ·m) are perfectly suited for endodontic indications and can now be captured on focused FOV, single and dual jaw modes.

Implants
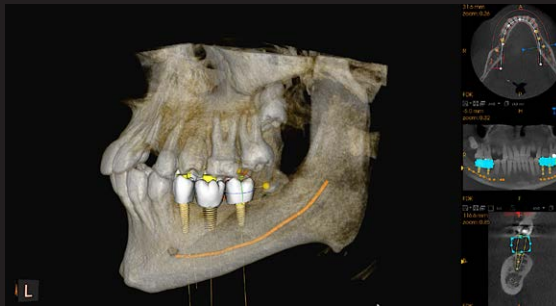
Plan implants with confidence using our advanced implant planning software with customisable virtual crowns and comprehensive implant library.

Oral and Maxillofacial Surgery

With up to 14 fields of view, including full skull and TMJ imaging, the CS 9600 is ideal for maxillofacial surgery—including orthognathics.

Airway Analysis
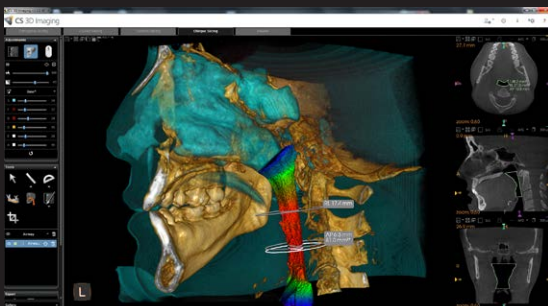
Analise the upper airway with automatic measurements and color-coded 3D views to easily visualise constrictions and changes in airway.

3D Facial Scanning

Capture the realistic 3D image of the patient's face and combine it with the CBCT image.

Intraoral Scanner
CS 3700

Faster Scanning. More accurate shade matching. Effortless workflow flexibility. Completely ergonomic design.

Features and benefits

- Patented Smart-shade matching provides automatic selection and recording of shade information

- Revolutionary new workflow lets users navigate freely among different clinical applications, including restorative, orthodontic, implant and sleep device.

- An ergonomically optimal grip channel empowers oral health professionals with a balance sense of scanner control

- Touchscreen capability eliminations the extra steps of operation caused by switching back and forth between the scanner and the mouse

- Features turbo speed scanning that's tested and proven to scan in vitro single arches in 30 seconds[1]

- Option wrist strap connects users to the device for optimal control and care of the scanner

Technical specifications

Sensor technology	1/2 inch CMOS
Illumination	LED, Amber, Blue, Green
Field of view	13 x 13 cm 13 x 7 mm (posterior tip)
Depth of field	-2 + 12 cm
Anti-fogging technology	Actively heated tip, guaranteed non-fogging operation when used intraorally
Cable length	0.27 cm (0.19cm + 0.08 cm)
Digital connection	USB 2.0 High Speed
Dimensions without cable	218 x 36 x 58 mm for normal and side tips
Weight	316 g (excluding scanner cable and power box)
Handpiece	Input: 12 V 2A
Power box (Input / Output)	7.5 x 2.1 x 2.1 cm (12V 2A / 12V 2A)
Adapter Input / Output	100-240V ˜ 50/60Hz, 500mA / 12.0V 2.0A

Recommended PC requirements see page 36

Part #	Description
5942198	CS 3700 ARCTIC WHITE SHADE CALIBRATION
5942180	CS 3700 ARCTIC WHITE HOLDER
5942818	CS 3700 WRIST STRAP
5942156	CS 3700 ARCTIC WHITE NORMAL TIP (5PCS)
5942164	CS 3700 ARCTIC WH POSTERIOR TIP (5PCS)
5942172	CS 3700 ARCTIC WHITE SIDE TIP (5PCS)

1 When recommended PC configuration is used, in vitro test performed on a model.

CAD/CAM
Intraoral Scanner
CS 3600

Scan smarter. Easier. Faster. Open.
CS 3600 offers you precise, accurate full
3D HD color scanning.

Features and benefits

- Captures accurate digital impressions at high speed

- Produces open STL and PLY files for easy sharing with the lab of your choice

- Offers full HD color or monochromatic scanning

- Obtains precise HD 3D digital impressions for fast and accurate treatment planning

- Locks up to six previously scanned preparation areas to prevent them from being impacted by additional scanning

- Captures the margin line on challenging subgingival preparations with the Hybrid Scan Mode

- Supports full clinical workflows in orthodontics, restorative, implant and sleep dentistry

Hybrid scan workflow
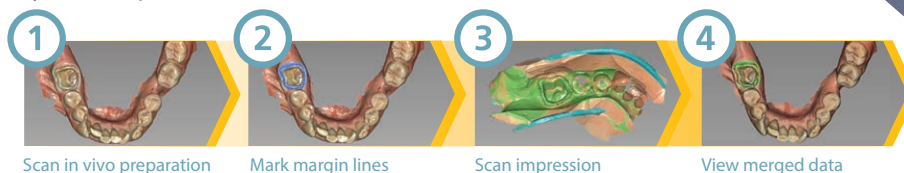
1 Scan in vivo preparation **2** Mark margin lines **3** Scan impression **4** View merged data

Technical specifications

Sensor technology	1/2 inch CMOS
Illumination	LED, Amber, Blue, Green
Field of view	1.3 x 1.3 cm
Depth of field	-0.2 + 1.2 cm
Anti-fogging technology	Actively heated tip, guaranteed non-fogging operation when used intraorally
Cable length	0.27 cm (0.18cm + 0.09 cm)
Digital connection	USB 2.0 High Speed
Dimensions without cable	22 x 3.8 x 5.8 cm for normal and side tips
Weight	316 g (excluding scanner cable and power box)
Handpiece	Input: 12 V 2A
Power box (Input / Output)	7.5 x 2.1 x 2.1 cm (12V 2A / 12V 2A)
Adapter Input / Output	100-240V ˜ 50/60Hz, 600mA / 12.0V 2.0A

Recommended PC requirements see page 36

Part #	Description
6569552	CS 3600 Side Tip (5 Pieces)
6569560	CS 3600 Normal Tip (5 Pieces)
6569586	CS 3600 Power Box With Cable
6569636	CS 3600 Holder
6570899	CS 3500 / CS 3600 Power Adapter

SCAN-MATE™

Extend Your PPE.

Scan-Mate™ prioritizes infection control and chair-side comfort for patients and has a unique, bendable handle that makes it easy for practitioners to retract during scans or other procedures. With this new modern approach, your patients will feel and notice the difference in quality care and efficient chair-side workflow. Scan-Mate™ is your go-to retraction instrument for any operatory.

Features and benefits

- Better infection control as a result of no more fingers inside the mouth
- First patented non-reflective retraction instrument
- Autoclavable[1]
- Reaching the upper posterior molar comfortably and efficiently
- Retracing the lips when gliding along the arch
- Retracting the lower distal area where tissue can be an issue
- Retracting the tongue
- Taking bite registration easily

Part #	Description
1758833	Scan-Mate™ Oral Retractor Subscription, 4EA/PK

CS 3600 Intraoral Scanner
Single-Use Disposable Tips

Provide your patients with an additional level of comfort and security while providing maximum protection against cross-contamination with single-use disposable tips for your CS 3600 intraoral scanner.

Using appropriate protective equipment such as single-use disposable tips can help ease your patients' minds about returning to your dental practice for pending dental procedures.

Part #	Description
5941216	200 Single-Use Disposable Tips

Disposable Panoramic Bite Stick

Using appropriate protective equipment can help ease your patients' minds about returning to your dental practice for pending dental procedures. These disposal bite sticks are a cost-effective solution that can reduce time spent on equipment management as well as reduce costs on materials used for the decontamination and sterilization process of reusable bite sticks.

Part #	Description
5940275	100 Disposable Single Use Bite Sticks

1 Refer to product insert for autoclaving instructions. Monthly replacement of unit recommended.

Impression Scanning

CBCT

Accurate 3D models plus broad diagnostic capabilities

Using the CS 8100 3D, CS 9300 and CS 9600, you can scan traditional impressions to create high precision 3D models quickly and easily.

Features and benefits

- Precise scanning, even in hard-to-reach areas, for superior clinical results

- Digital impressions with an average resolution of 30 μm

- Works with any A-silicon impression material

- Covers single tooth indications (full crown, inlay, onlay)

- Intuitive interface and dedicated platform for fast and precise scanning

- Open STL format fits any workflow

CS Model

CS Model+

1 Take impression and bite using silicon material

2 Scan the impression using your CBCT system from Carestream Dental's CS 8100 3D, CS 9300 or CS 9600 families

3 Design restorations in CS Restore software, or review digital orthodontic models via CS Model or CS Model+

Logicon

Logicon Caries Detector software is a unique and clinically proven tool for RVG imaging systems and CS Imaging software. As an optional add-on module for the RVG 6200, Logicon is designed to help you detect and treat interproximal caries at an early stage and promote minimally invasive treatment options. In fact, it is the only commercially available software approved by the FDA for computeraided radiographic caries diagnoses.

Features and benefits

- The only commercially available FDA-approved computer aided radiographic caries detector software
- A unique tool for detecting interproximal caries at an early stage
- Logicon automatically highlights possible abnormalities on digital dental radiographs
- E-mail function allows user to send result screens to third parties
- Results can be saved to patient file
- Fully integrated with Carestream Dental imaging software

LOGICON

CS Imaging Software Version 8

The new hub of your practice
CS Imaging version 8 - the platform that provides one-stop access to all your 2D images, 3D images and CAD/CAM data. It offers a faster, more efficient way to access, review and share images so you can present treatment proposals more clearly to patients and increase case acceptance.

Features and benefits

- Manage all images in one platform, without switching between programs
- New, intuitive interface is designed to reduce clicks
- Quickly access patient images while chairside or at the front desk
- Combine 2D, 3D and CAD/CAM images on one screen for better treatment planning and case presentations
- Use powerful analysis tools and cross-image comparisons
- Easily share data with your treatment team
- Obtain automatic tracings in just 10 seconds
- Apply filters to several images at the same time
- Display and save as many measures as needed
- Display pre and post 3D images side by side without opening CS 3D Imaging Software

CS Adapt

**Upgrade to more individualised diagnostics.
Imaging that works the way you do.**
The state-of-the-art rendering algorithms of
CS Adapt let you decide how you want your
images to appear.

Features and benefits

- Four cephalometric look and feel filter presets

- Ability to define your own look and feel

- Intuitive library-style browsing and selection

- State-of-the-art image quality

- No more processing artifacts or "dark halos"

- Same flexibility and quality across devices

- Wide variety of filter presets, including 12 specific filters
  for endodontic and 10 for periodontic examinations

- Broad range of anatomical visual enhancements and
  sharpness settings

Adapt Contrast   Adapt T-Mat   Without CS Adapt   With CS Adapt   Adapt T-Mat   Adapt Sharp

CS Airway

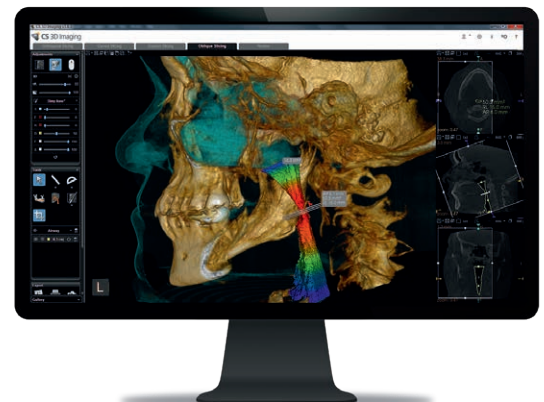**Clear Visualisation. Fast Analysis.
Enhanced communication.**
Use 3D imaging for quick and simple airway analysis.

Features and benefits

- Simplifies airway analysis by providing segmentation in as
  little as two clicks

- Automatically calculates total volume, minimal cross-
  sectional area, anterior/posterior and left/right measurements

- Displays and updates measurement values in real time

Prosthetic-Driven Implant Planning

Prosthetic-Driven Implant Planning with CS 3D Imaging is designed to make implant placement simple – delivering optimal results to ensure confidence and improve predictability of treatment outcomes.

Features and benefits

- Ability to visualize placement of implant in relation to bone and restoration

- Digital workflow improves efficiency, safety and communication

- Implant positioning based on ideal future restoration, not the other way around

- Ensures patient's prosthetic needs, functional requirements and anatomical constraints are considered during implant planning

- Direct export to select third party programs

  - Data export

  - Matching export

  - Implant position export

Discover a simpler workflow:

Scan Patient	Merge Data	Plan Implant	Export Data	Create Guide

| Scan Patient	Merge Data	Plan Implant	Export Data	Create Guide
Take 3D x-ray and digital impression to capture both bone structures and soft tissue situations	Automatically combine digital impression and CBCT scan in CS 3D Imaging	Add crown and plan implant position, taking into account final restoration and anatomy	Export 3D data into third-party software	Use your preferred third-party software to produce surgical guide

Implant Guided Surgery Solution

swissmeda
medical applications

Discover the solution that simplifies implant surgery from start to finish

When doctors rely on highly accurate imaging and extremely insightful software to plan their implants, they don't have to worry about surprises appearing throughout their workflow. Instead, they can look forward to more reliable diagnostic abilities, greater confidence and outstanding treatment outcomes. As a result, your practice can do a greater number of implants—more quickly, efficiently and successfully.
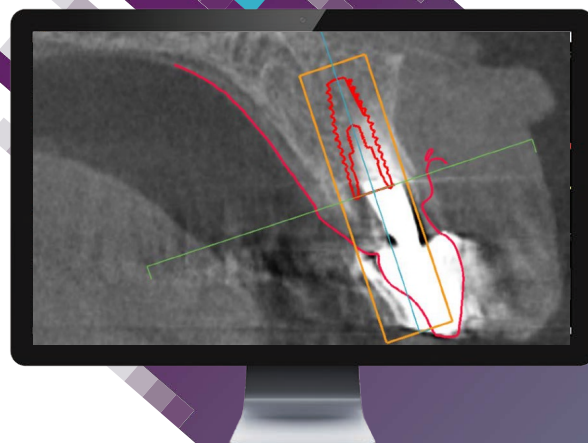
AN EASY WORKFLOW WITH 4 SIMPLE STEPS
to successful implant planning with high-precision drilling templates

STEP 1 *Perform cone beam scan and open DICOM*

- *No preparation (no scanning template) needed before CBCT/CT*
- *One-click data transfer*

STEP 2 *Prepare data and plan implants*

- *Intuitive planning software that allows easy exchange of the planning data via Internet with colleagues, dental labs or other service providers*
- *Open interfaces to CAD/CAM*
- *Short processing times*

STEP 3 *Design and print the surgical template*

After the digital template is validated by the dentist via Swissmeda*, the surgical stent is printed by a 3D printing center of your choice:

- *Digitally designed drilling template*
- *3D printing process to manufacture the drilling templates*
- *Short processing time*

STEP 4 *Perform surgery using the template*

- *Precise template fit, yielding good overview and allowing cooling*
- *Customized design adapted to the treatment strategy*
- *Compatible with all implant systems*

Features and benefits

- Provides full visibility of surgical site
- Provides better control of fitting
- Allows greater cooling agent flow
- Makes it easier to raise a flap
- Enables greater accessibility for surgicalinstrument insertion
- Works with any implant manufacturer

*Swissmeda is Carestream Dental's preferred partner in guided surgery solutions.

CS Model+

**Automatically segment,
setup and present**

With CS Model+, you have a faster,
more intuitive solution that enables you to
evaluate your digital models and create virtual
orthodontic setups in minutes.

Features and benefits

- Save time with automatic detection and labeling
  of the teeth

- Select teeth to be extracted, and indicate whether
  treatment goal is to close space, replace the tooth or
  to simulate IPR

- Examine inter-incisor relationship inter-
  canine expansion and Curve of Spee leveling

- Assess the case's level of difficulty from a wide range
  of common industry standards, including the Bolton
  discrepancy analysis, PAR index, ABO discrepancy
  index and more

- Simulate various virtual setups by using
  different therapeutic treatment options

- Obtain automatically generated, customized patient
  reports

- Use with digital models acquired from Carestream
  Dental's CBCT and intraoral scanning systems

CS ScanFlow

Prosthetic-Driven Implant Planning with CS 3D Imaging is designed to make implant placement simple – delivering optimal results to ensure confidence and improve predictability of treatment outcomes.

Features and benefits

- Improves the efficiency of your workflow

- Enables you to choose from three processing modes based on your time and clinical indication requirements

- Enhances your collaboration capabilities with easy file transfer to your referrals, lab or manufacturer directly from the software

- Pursue any indication you desire from a single base scan

- Enables you to make measurements and indicate the margin line

- Provides low-, standard- and high-resolution processing options once the scan is confirmed

- Lets you refine the appearance of the final scan based on your preferences

- Adds a base to your digital impression for model printing

- Allows you to scan patients still in active appliances and send a bracket-free model to any aligner manufacturer

- Allows the lab or manufacturer to use the CAD software of their choice, thanks to direct access to CS Connect[2]

- Transfers STL, PLY and DICOM files to the lab directly from the software

2 Customers enrolled in CS Advantage have access to CS Connect which allows for the transfer of cases through our secure online portal.

3.1.0

- Hybrid Scan Workflow
- Faster Scans
- Customize Sound
- Semi-automated Bite Adjustment
- Preparation Check
- Multiple Bite Capture

Known for its high-speed, yet accurate, digital impression scanning, the CS 3600 version 3.1.0 acquisition software includes several new customer-driven features aimed at improving the user experience while improving efficiency.

Features and benefits

- Hybrid Scan
- Improved Acquisition Speed*
- Ability to Add Sound
- Preparation Check
- Streamlined Sleep Medicine Workflow
- Efficient Workflow Selection

CS UpStream
(Only available on CS 9600)
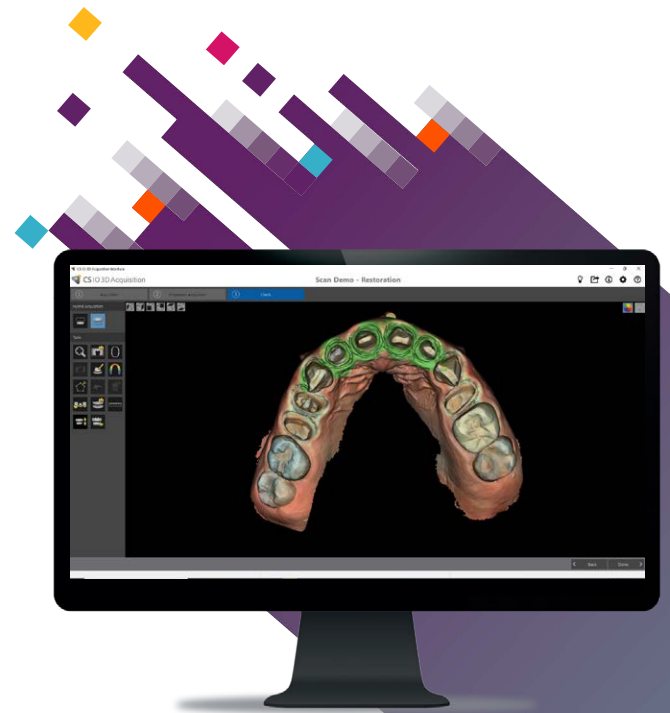
CS UpStream gives you an enhanced perspective that:

- Leads to faster, more responsive service
- Accelerates trouble shooting
- Enables proactive and predictive support
- Saves iterative onsite visits
- Reduces equipment down time

This breakthrough, innovative service enables you to increase productivity, maximize efficiency and maintain your focus on what matters most: your patients. In other words, CS UpStream offers you to experience true peace of mind.

*Internal test conducted using automated testing tool which simulated the 3D mesh construction and display process. Scan speed improvement is between 13-22% and varies by system configuration. Speed improvement does not factor in scanning skills.

CS Model

The model of perfection for orthodontic applications

Create digital models in minutes with flexible 3D scanning options.

When used with the CS 3600 intraoral scanner or our CBCT scanning systems, CS Model makes it easy to create accurate digital models for orthodontic applications. And whether you use traditional or digital impression methods,
CS Model is designed to fit easily into your current workflow so the perfect digital model is just minutes away.

Features and benefits

- Obtain new models in a fraction of the time

- Create digital copies and then discard existing physical models to save space

- Store models digitally to eliminate plaster

- Avoid time-consuming model inventory procedures

- Send digital files directly to lab for appliance fabrication

- Choose from multiple scanning options to fit your workflow
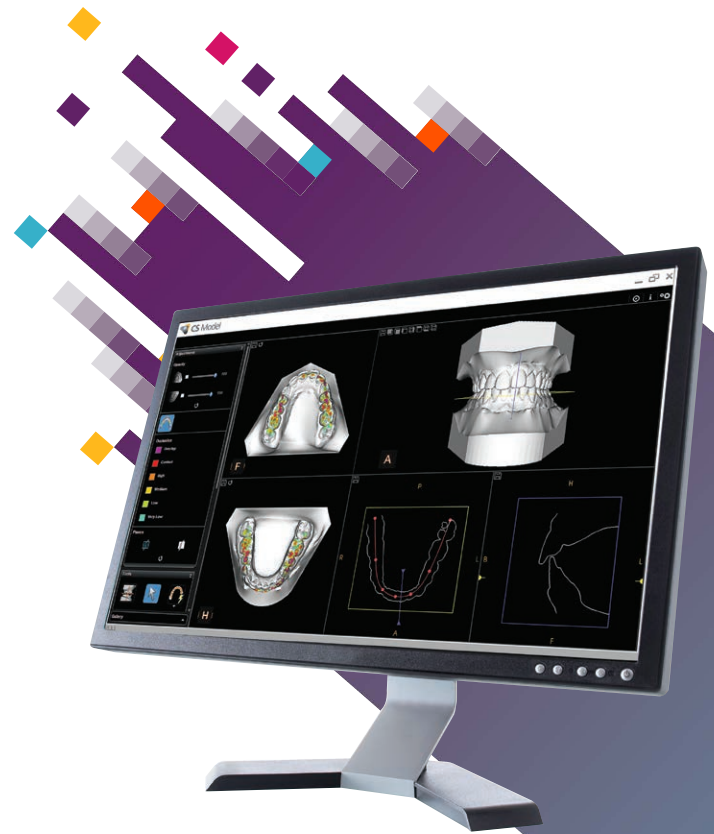
Recommended PC requirements

For intraoral units: Intraoral cameras, RVG sensors, CS 7200, CS 7600	
Viewing and acquisition	
CPU	Intel Core i5 or higher
RAM	4 GB
Hard disc drive	1.2 GB for software installation, 80 GB free space to use the software
Graphic board	Separate video card with min 256 MB of video RAM
Monitor	17" or larger, Minimum screen resolution of 1024 x 768, 32-bit color mode
Operating system	Windows 7 / 8 / 10 64 Bit Professional
Ethernet interface	1 Gbit for LAN
USB ports	USB 2.0 high speed or USB 3.0
CD/DVD drive	DVD-ROM drive

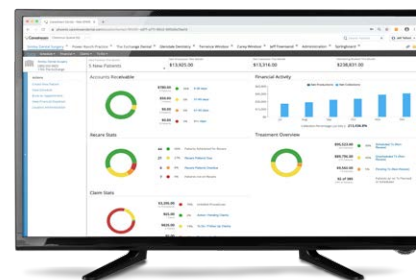| For extraoral units: CS 8100 Family, CS 9300 Family, CS 9600		
	Viewing	**Acquisition**
CPU	Intel Core i5-7600K 3.80 GHz or higher	2 GHz Intel Duo Core
RAM	4 GB	8 GB, 32 GB for CS MAR option
Hard disc drive	1.2 GB for software installation 250 GB free space to use the software	4 GB for software installation 250 GB free space to use the software
Graphic board	2D – NVIDIA based card with min 512 MB	2D – NVIDIA based card withmin 512 MB 3D – GeForce GTX 1060 (or equivalent NVIDIA GPU) with min 2 GB
Monitor	19" or larger Minimum screen resolution of 1024 x 768, 32-bit color mode	19" or larger Minimum screen resolution of 1280 x 1024, 32-bit color mode
Operating system	Windows 7 / 8 / 10 64 Bit Professional	Windows 7 or 8 / 64 Bit
Ethernet interface	1 Gbit for LAN	1 Gbit for system link connection 1 Gbit for LAN CS 9300 – one free PCIe slot required for Intel Pro 1000 CT (delivered with the unit)
CD/DVD drive	A DVD Burner drive is required	
Backup Media	Removable/portable external hard disk drive	
Mouse	A mouse with 2 buttons and a scroll wheel is required	

For CS Solutions: CS 3100, CS 3600 / CS 3600 Access, CS Model, CS Model+	
Viewing and acquisition	
CPU	Laptop: Intel Core i7-4700QM, Quad CPU, 2.4 GHz Desktop: Intel Core i7-3770, Quad CPU, 3.4 GHz For CS 3600 Laptop: Intel Core i7-7700HQ, Quad CPU, 2.8 GHz Desktop: Intel Core i7-7700K, Quad CPU, 4.2 GHz
RAM	8 GB, 16 GB for CS 3600
Hard disc drive	1.2 GB for software installation,120 GB free space to use the software
Graphic board	Laptop: NVIDIA GeForce GTX 660M/Quadro K2100M or similar Desktop: NVIDIA GeForce GT 560Ti For CS 3600 Laptop: NVIDIA GTX 1050 Ti or Quadro P3000 or similar Desktop: NVIDIA GeForce GTX 1050Ti or similar Supports OpenGL version 4.3 and OpenCL version 1.1, GPU with min 3 GB
Monitor	17" or larger CRT/LCD monitor with screen resolution of 1440 x 900
Operating system	Windows 7, 8, 8.1, or 10 Professional (64 bit)
Ethernet interface	3 ports
CD/DVD drive	DVD-ROM drive

* IMPORTANT NOTE: It is mandatory to check that the PC system configuration is compatible with the PC system requirements. If necessary, please contact our customer service to get the latest PC system requirements. The computer and the peripheral equipment must conform to the IEC 60950 standard.

Sensei Cloud

The dental practice management system that gets the way you work.

Sensei Cloud is the one dental practice management solution that addresses your business needs as effectively as it does your clinical ones. It was developed with heavy input from your peers, so it works the way you need it to.

Scalable. Agile software platform that performs with the growing changes and needs of their office. Sensei Cloud was designed from the ground up with large practices in mind. Users can quickly manage all aspects of their multiple location practice with a single login and a single window. As a practice grows, new locations can be created in seconds

Features and benefits

- Sensei Cloud is developed based on the real-world applications of a practice management software, allowing practices to begin using the system quickly as well as perform their daily work more efficiently.

- Users can truly influence the future design of the software, resulting in a solution that is built with dental practitioners in mind. Frequent software updates powered by a user-centered design process ensure the system evolves to meet users' ever-changing needs in multiple locations

- Dentists and staff can serve their patients faster thanks to the software's intuitive design—ultimately resulting in an improved patient experience, less frustration from the staff and fewer support calls.

- Anywhere access to large images. Plenty of space to store and access x rays with anywhere, anytime viewing.

- Practices can increase practice profits and overall success by using Care Management Platform 's data and analytics to measure their accounts receivable, patient volume, insurance claims, unscheduled treatment and much more.

- SMS Text Appointment Reminders. Easily remind patients about their scheduled appointment and enable them to confirm.

- Practitioners can get more done, whenever and wherever they are. With this web browser-based solution, users are no longer confined to performing all their tasks within the practice.

- All data is protected in a secure off-site location by Carestream Dental—ensuring peace of mind to practice staff and patients alike.

System Requirements

Compatible Devices	Desktop, laptop, non-mobile computing device.
Recommended Browser	Google Chrome (latest version)
Operating Systems	Windows 10 Pro / Mac OS X Mavericks 10.9 or later
CPU	Intel Pentium 4 or later SSE2 capable (Intel core i3 or later recommended) 4GB RAM (8GB RAM recommended) 250MB of free hard disk space (500 MB recommended)
Screen Resolution	1366x768 minimum (1920x1080 recommended)
Connectivity	3Mbps down / 1Mbps up (6 Mbps down / 3 Mbps up recommended) 3G mobile broadband (4G/LTE recommended)

Looking for an imaging solution?

We're confident we have the ideal solution for every practice!

- A full range of dental radiography and imaging systems
- 100 years' experience in dental imaging
- In-house product development and manufacturing
- Worldwide dealer and service network
- The inventor of intraoral sensor technology
- High quality standards

Speak to a booth rep now!

carestreamdental.com
800.944.6365