CS 3500

Portable,
Powder-Free,
True Color 2D and 3D

Intraoral Scanning

Restorations reinvented

Welcome to the new reality of restorative dentistry: the CS 3500 intraoral scanner. The CS 3500 combines patient comfort with clinical flexibility, enabling clinicians to quickly capture digital impressions. The CS 3500 is easy to use and fits seamlessly into any practice's restorative workflow.

- Exceptional precision for detailed, colored 2D and 3D images
- Innovative light guidance system that aides in the capture of the data during the image acquisition process
- Requires no powder or liquid for faster scanning and improved patient comfort
- Direct USB connection, no trolley needed
- Disposable tips can be autoclaved up to 8 times*

- No external heater is necessary to prevent mirror fogging during image capture
- Features a slim scanner head and 2 different tip sizes for patient comfort
- Scan both arches quickly and easily
- Virtually automatic bite registration
- Impressive average precision of 30 microns and 1024x768 image resolution

Faster image capture

The CS 3500 can quickly acquire a full arch of information. It scans to a depth from -2 to +13 mm and at angles of up to 45 degrees. As a result, clinicians don't need to painstakingly maneuver the scanner head in patients' mouths. The unique light guidance system aides in the capture of the data during the image acquisition process, allowing the user to place more focus on the patient's mouth rather than the monitor. In addition to intraoral scans, the CS 3500 can be used to scan plaster models.

Precise, high-quality images

The CS 3500 delivers an impressive average image precision of 30 microns, and offers high image resolution of 1024 x 768. The detailed, colored 2D and 3D images distinguish tooth structure and existing restorations from soft tissue—ideal for locating margin lines and undercuts. Bite registration is virtually automatic and requires little to no manipulation of the images.

Fits any workflow

The CS 3500 works as part of the integrated CS Solutions CAD/CAM restoration portfolio or as a standalone solution, compatible with open system CAD software like Dental Wings, 3Shape and exocad.[1] The CS 3500 connects to any PC workstation via USB 2 cable.[2] Since there's no heavy trolley to push, the CS 3500 is easy to share between operatories.

Technical Specifications

Components	
Sensor technology:	Effective pixels: 1.3 megapixels
Resolution:	Still image: 1024 x 768 pixels
	Video: 640 x 480 pixels
Accuracy:	30 microns (average precision)
Illumination:	Four-color LED: Amber, Blue, Green, UV
Field of view:	16 x 12 mm with normal tip
	12 x 9 mm with additional smaller tip
Depth of field:	-2 to +13 mm
Cable length:	2.5 m
Digital connection:	USB 2.0 High Speed
Dimensions without cable:	245 x 37 x 62 mm
Weight:	295 g

Want to experience the new reality of restorative dentistry?
Visit **www.carestreamdental.com** or contact your local authorised dealer for information about the CS 3500.