



CS3500

Precise,  
Portable,  
Flexible 2D and 3D  
Intraoral Scanning



## RESTORATIONS REINVENTED

Welcome to the new reality of restorative dentistry: the CS3500 Intraoral Scanner. The CS3500 combines patient comfort with clinical flexibility, enabling clinicians to quickly capture digital impressions. The CS3500 is easy to use and lets you work with your existing AmericaSmiles dental lab.

- Exceptional precision for detailed, color 2D and 3D images
- Innovative light guidance system that aids in the capture of data during image acquisition
- Requires no powder or liquid
- Direct USB 2.0 connection, no trolley needed
- Disposable and autoclavable tips for proper hygiene and infection control
- No mirror fogging during image capture, no external heater necessary
- Features a slim scanner head with 2 different size tips for patient comfort
- Scan both arches quickly and easily
- Virtually automatic bite registration
- Impressive average precision of 30um and 1024x768 image resolution



## Faster Image Capture

The CS3500 can quickly acquire a full arch of information. It scans to a depth from -2 to +13 mm and at angles up to 45 degrees. As a result, clinicians don't need to painstakingly maneuver the scanner head in the patients' mouths. The unique light guidance system aids in the capture of data during the image acquisition process, allowing the user to place more focus on the patient's mouth rather than the monitor.

## Precise, High Quality Images

The CS3500 delivers an impressive average image precision of 30 microns, and offers high image resolution of 1024x768. The detailed color 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 CS3500 works as part of an integrated CAD/CAM restoration system or as a standalone solution, compatible with open system CAD software like 3Shape, Exocad, and Dental Wings. The CS3500 connects to any PC workstation via USB 2.0 cable. Since there's no heavy trolley to push, the CS3500 is easy to share between operatories.

### Technical Specifications

#### CS3500 Components

Sensor Technology	Effective Pixels; 1.3 megapixels
Resolution	Still: 1024x768 Video: 640x480
Accuracy	30um (average precision)
Illumination	4c LED Amber, Blue, Green, UV
Field of View	16x12 mm normal tip 12x9 mm smaller tip
Depth of Field	-2 to +13 mm
Cable Length	2.5 m
Digital Connect	USB 2.0 High Speed
Dimensions	245x37x62 mm
Weight	295g / 8.64 oz

Now is the time to add digital impressions to your practice. As an AmericaSmiles Network dental lab and because of the partnership between AmericaSmiles and Carestream Dental, we can offer the CS3500 to your practice at a discounted price. Visit [www.AmericaSmiles.com/intraoral-scanner](http://www.AmericaSmiles.com/intraoral-scanner) or call (708) 367-1207 for more information.



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