



# DIGITAL IMPRESSION SCANNERS

Everything You Need to Know to  
Choose the Best Scanner for Your Practice



# TAKING THE NEXT STEP IN DIGITAL DENTISTRY

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Dental Masters Laboratory is dedicated to staying at the forefront of dental technology. As the numerous benefits of integrating digital technology into an office's workflow become more apparent, we are seeing dentists across the country choosing to invest in scanners of their own. An intraoral scanner will improve communication with labs, eliminate shipping time, and increase patient satisfaction due to a higher level of precise fit.

The large number of digital scanners currently on the market can be intimidating. This book provides an overview of five of the main scanners clinicians use. We have gathered this information in order to help you find the scanner that will fit your practice perfectly.



## Dental Masters is Fully Digitally Ready

Dental Masters Laboratory knows how important digital technology is to today's world of dentistry. Digital dentistry is here to stay, and it's constantly evolving. It's not a trend; it's the new road map for the future. We've made the capital investments necessary to bring you the capabilities that only state-of-the-art systems can provide. Dental Masters stays up to date with the latest digital tools that make it easier to reach our goal of helping you serve more patients more efficiently and with predictable, consistent results.

# HOW TO FIND YOUR SCANNER

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We want you to make this decision fully informed and have compiled a list of questions to keep in mind as you read through this e-book.

- **Does this scanner offer an open or closed system?**

An open system allows you to work with any lab no matter their digital system. A closed system requires a lab that uses the same system.

- **Are there options or modules that can be added later for further investment?**

Many scanners have additional features that can be purchased later on.

- **Will this scanner work well with various treatments popular at your practice?**

If you see a lot of patients interested in orthodontic treatments you may want to look for scanners that can also be used for those types of impressions.

- **Are there data fees included with purchase?**

Some scanners do not include data fees with purchase, but others may cover them up to a year.

- **Is powder application required?**

More scanners are coming on the market that do not require powder application for an impression.

- **Does the scanner allow you to easily rescan and fill in missing data?**

A scanner that allows you to continuously rescan and find missing data points automatically reduces chair time and the need for additional patient visits.

- **What type of warranty does this scanner come with?**

Every scanner in this eBook is covered by varying lengths of manufacturer warranty.

- **Who are you purchasing your scanner from?**

This is an important part of the decision because the vendor will often be the front-line of support for your equipment. It is important to be fully aware of their abilities in comparison to the manufacturer. This includes what they can cover, response times, etc.

- **What are the opinions of your primary laboratory, dental peers, and the overall market?**

It is important to discover what your primary and auxiliary labs believe would work best for your office. Dental peers who have scanners will also provide valuable input. Information can also be found from social media user groups for the respective scanners.



## 3M™ True Definition Scanner

The 3M™ True Definition Scanner from 3M™ ESPE provides quick and highly accurate digital dental impressions. It utilizes 3D-in-motion video technology to create a true-to-life replica of your patient's oral structure. It is available in both mobile and cart editions. This broad range of scanner options helps you find the equipment to fit your economic and laboratory needs.

### The Benefits:

- Economical
- Small scan head
- Fast video capture for full-arch scanning
- High-resolution scanning
- Integrated workflow for labs due to trusted connections with leading manufacturers
- Mobile or cart-based system
- Open and secure cloud-based system
- Open .STL files can be shared with existing design and production solutions
- Proven to be more accurate – and more consistently accurate – than other leading intraoral scanners
- Approved for Invisalign case submission





## 3Shape TRIOS® Scanner

The 3Shape TRIOS® provides digital impressions quickly and easily. It utilizes HD photos and lifelike color to enhance detail, which provides a high level of accuracy. The TRIOS is available in both mobile and cart editions, as well as a variety of color and grip options. With multiple scanner options to choose from, TRIOS can meet various economic and laboratory requirements.

### The Benefits:

- Available in a wireless edition, which allows for non-stop scanning due to simple battery exchange and long-lasting rechargeable batteries
- Provides optimal comfort for patients
- Fast and easy scanning ensures reduced chair time
- High accuracy on single units, quads, and full arch
- Improved patient dialogue and treatment evaluations
- Shade measurement with a higher level of reliability than the human eye
- HD photos
- Intraoral camera
- Instant online communication with technicians for consultation



## CS 3600 Intraoral Scanner

The CS 3600 Intraoral Scanner from Carestream™ Dental provides highly intelligent and efficient scanning technology to increase precision and reduce chair time. This scanner is laptop and tablet-based, which allows for enhanced versatility and mobility. With its level of technology, the CS 3600 Intraoral Scanner provides extremely accurate digital impressions.

### The Benefits:

- High-speed continuous scanning
- HD 3D digital impressions
- Open or chairside workflows
- Available for monochromatic scanning
- Real-time scanning feedback reduces the need for rescanning and image rendering
- Color coding indicates any holes or gaps in data
- Guide arrows indicate ideal direction to rescan for missing data
- Implant-borne restorative workflow
- Interchangeable tips
- Provides dedicated orthodontic workflow
- Open .STL and .PLY files



## iTero<sup>®</sup> Element Intraoral Scanner

The iTero<sup>®</sup> Element Intraoral Scanner is extremely versatile and designed to work well for both general practitioners and orthodontists. It is an excellent option for restorative and orthodontic labs, third-party treatment planning, custom implant abutments, chairside milling, and lab CAD/CAM systems. It provides speed, reliability, and color scanning.

### The Benefits:

- Works with Invisalign and OrthoCAD<sup>®</sup>
- Integrated gyro technology
- ITO defogging system
- Plug-and-play wand
- Custom wheel stand option
- 40-50 milliseconds scan capture time
- 3D high-impact and real-time visualization
- High-definition multi-touch display
- Intuitive workflow



## CEREC® Omnicam Scanner

The CEREC® Omnicam Scanner from Sirona Dental Systems is an ergonomically designed handheld scanner. It provides precise 2D and 3D scans. With its patient counseling mode, it easily allows clinicians to take video clips, which increases patient comprehension and therefore increases acceptance of proposed treatments.

### The Benefits:

- Powder-free scanning
- Ergonomically designed handpiece
- Compact camera tip
- Seamless scanning
- Clear differentiation between gingiva and the preparation margin
- Patient counseling mode allows video recording
- Optics ensure intraoral access
- Anti-shake feature





## CEREC® Primescan Scanner

The CEREC® Primescan allows for high-precision digital impressions to be taken of the entire jaw. Designed to work with numerous digital workflows, this scanner can work with external partners. Backed by innovative technology, the Primescan offers unparalleled precision.

### The Benefits:

- High-Resolution Sensors
- Captures One Million 3D points per Second
- Able to Scan Deeper Areas up to 20 mm
- Smart Pixel Sensor
- Continuous Self-Heating for Fog-Free Scanning
- Consolidates More than 50,000 Images per Second
- Instantly Transfers Data to External Partners
- Display Complete Models Immediately

# CONNECTING YOUR IOS TO DENTAL MASTERS

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Sending your case to Dental Masters has never been easier with digital dentistry. Simply find your scanner below and follow the instructions to connect it with our laboratory.

## 3M™ True Definition

- Call support (800-634-2249) and select option 3
- Select option 1 and request Dental Masters Laboratory be added
- Confirmation and remote connection

## 3Shape TRIOS®

- Visit [us.3shapecommunicate.com](http://us.3shapecommunicate.com)
- Search [trios@dentalmasters.com](mailto:trios@dentalmasters.com) for fixed
- Search [dmlrpd@dentalmasters.com](mailto:dmlrpd@dentalmasters.com) for RPDs

## CS 3600

### Option 1:

- Visit Carestream Connect on scanner
- Search for & add Dental Masters Laboratory

**Option 2:** Email [todd@dentalmasters.com](mailto:todd@dentalmasters.com)

## iTero®

- Call 800-577-8767
- Select Option 2
- Add us via phone number: 707-546-5565 or 800-368-8482

## CEREC® Omnicam & Primescan

- Login to your CEREC Connect account
- Type "Dental Masters Laboratory" in the box for Company Name & click FIND
- Check the box to the bottom left for "Dental Masters Laboratory" & click ADD

# GETTING THE MOST OUT OF YOUR SCANNER

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## Scanner Rebate Program

Did you know that 50% of all dental practices are considering buying a digital impression scanner system within the next three years? The future of dentistry is digital, and it shows no signs of slowing down. If you want to go digital but the investment costs are giving you pause, let us help. Dental Masters Laboratory has monthly incentives that reward you with lab credit for sending us digital impressions.

## Monthly Incentives from Dental Masters Laboratory

**\$250 Lab Credit** when you spend **\$3,000 – \$4,000**

**\$500 Lab Credit** when you spend **\$5,000 – \$6,999**

**\$750 Lab Credit** when you spend **\$7,000 – \$9,999**

**\$1,000 Lab Credit** when you spend **\$10,000+**

To learn more about this opportunity please visit:  
[\*dentalmasters.com/digital-dentistry/scanner-rebate\*](https://dentalmasters.com/digital-dentistry/scanner-rebate)

## Did you know you can use your DI scanner for RPDs and Nightguards?

Intraoral scanners allow you to send more than just digital impressions for fixed cases. An IOS is capable of taking thorough and precise digital impressions for removable partial dentures and nightguards. Now you can stop making your patient sit through the uncomfortable and inconvenient traditional impression process.