



	3Shape TRIOS Scanner 3SHAPE	iTero Element Scanner ALIGN TECHNOLOGY	3M True Definition Scanner 3M ESPE	Planmeca Emerald Scanner E4D TECHNOLOGIES	CS 3600 Intraoral Scanner CARESTREAM DENTAL	CEREC Omnicam Scanner DENTSPLY SIRONA
						
Scanner Type	3D Video / Confocal Imaging / Structured Light	Parallel Confocal	3D Video	Laser	Structured Light	Structured Light
Size of Scanner Wand Head	12	17.6	8.2	9.8	11.5	11
Scanner Accuracy (IN MICRONS)	3-5 Microns	10-25 Microns	12-23 Microns	3-5 Microns	20-30 Microns	23-25 Microns
Color Acquisition	Yes	Yes	No	Yes	Yes	Yes
Touch Screen	Yes	Yes	Yes	Yes	No	Yes
Scanner Tip Infection Control	Autoclavable	Disposable	Cold Sterile	Autoclavable/Cold Sterile	Autoclavable	Dry Heat
Surface Spray	No	No	Yes	No	No	No
Distributors	Henry Schein, Cad-Blue and Biolase	Direct	Henry Schein, Benco, and Burkhart	Henry Schein	Direct and Benco	Direct - Patterson
Unique Features	Real color scans, HD photo, Shade matching, Live bite	CDT inspects files and marks margins before manufacturing	Unlimited cloud storage	Superior Speed	Can operate from surface tablet	First to record in 2D & 3D, Powder free scanning in color
Benefit Highlights	Ease of use, Communication features with lab	Invisalign/Disposable tips	Scanner head size, Price, 3M brand	Hands-free operation chairside	Multiple tips for better comfort	30 years in scanning

Motivations for Digital Impressions In your Practice



WORK BENEFITS

Identify what is motivating you to go digital with impressions?

- Reduce overhead of consumables - impression material and trays
- Patient satisfaction
- Less chair time
- Faster turnaround times from your lab

WORK NEEDS

Identify what needs can be addressed with digital impressions?

- Diagnostics
- More control over impression outcome
- Need to improve current workflow and communication to restorative laboratories
- Rapid case design issue feedback

TECHNOLOGY EXPERTISE

What other technology have you incorporated into your practice?

- Digital Radiography
- Electronic patient information
- Paperless practice management
- Consider goals of digital integration and work flows for your practices
- Consider potential IOS learning curves required to advance skill set and expertise as with other digital equipment and workflows

Equipment Selection & Process Integration



CLINICAL EVALUATION

What type of preparation do you prescribe to?

- Shoulders and chamfers are required for success. Are you willing to change design if needed? Tissue management and retraction is needed.

Laser, retraction pastes, and retraction cord all work well when utilized properly.

- Understand that unlike some impression materials you will need to achieve lateral and apical retraction.

TECHNOLOGY SELECTION

Consider Ergonomics and Physical Demands

- It is important to physically hold the different scanning wands to look at ergonomics and comfort
- Each IOS has a different footprint. Wheeled carts, laptops, attachment to chair mount
- Envision the scanner in Your Operatory and accessibility to electric outlets, dental chair & evacuation. Which system will fit best in your environment?

**** It is highly recommended to schedule Intraoral Scanner (IOS) Demonstrations**

Training & Support



LEVERAGE TRAINING OPPORTUNITIES

Take advantage of training offered by the IOS Manufacturers.

Identify a champion within your clinical staff

- It is important to have a leader that provides excitement and encouragement to participants to be lifelong learners and see training as an opportunity.

DIGITAL SUPPORT

Consider the ongoing support and training available with your restorative laboratory.

What user communities are available for support and advice?

What online resources are available to assist you in advancing your knowledge and skill set with the technology and software?