

DIGITAL IMPRESSIONING COMPARISON GUIDE

Company	3Shape	Medit	Carestream [™] Dental
Product	3Shape TRIOS*	Medit i500 & i700	CS 3700
Scanner File Output	DCM and STL	Open (meditmesh, OBJ, PLY, STL.)	STL and PLY
Scanner Type	LED Pattern Projection	3D-in-motion video technology	Parallel Confocal
Scanner Accuracy (in microns)	6.9	Full-Arch: 21.0μm ± 1.48	<9
Infection Control	Autoclavable/cold sterile.	Autoclavable	Autoclavable/cold sterile.
Tooth Surface Spray Required?	No	No	No
Per Scan Click Fee?	No	No	No
Subscription (data package and/or software updates)	\$1800 to \$3200/yr starting in yr 2	No subscription fees	No subscription fees (software updates included in initial purchase)
Lapsed Time (min) until digital model file is available	0 to 10; Varies depending on office's internet connection	0 to 5; Varies Dependening on office's internet connection	0 to 10; Varies depending on office's internet connection
Hardware Warranty?	\$750/yr starting year 2 (optional)	1 year included with purchase	\$2,000/yr starting year 2 (optional)
In-House Training	1 to 1.5 days	Training available through Medit's partner network. Online assistance available.	1 day
Suggested Retail Price	\$22,400-\$50,600	\$12,000	\$30,000 - \$36,000
Distributors	Henry Schein, Biolase, Nashville Dental, Patterson Dental, and Great Lakes Ortho	Direct, Henry Schein, Pearson, and CAD-Ray	Direct & Benco
Ortho applications currently?	SureSmile and Clear Correct	Invisalign, Clear Correct, SureSmile	SureSmile and Clear Correct
Partial applications currently?	Yes	Yes	Yes
Other unique features	Real Color Scans, HD Photo, Scans Hard Palate, 3 second live bite, shade matching, Direct integration with Dentrix powered by DDX O/S.	Small tip, single button control, 280-gram weight, automatic and manual margin line creations, HD camera, scan replay.	Scans in Color & Can operate from Surface Pro Tablet; Can integrate with any computer in the office that has minimum specs. Direct integration to DPMS, means their scans can be reviewed or sent from ANY COMPUTER in the office.
Compatible with implant scan bodies for custom abutments?	Yes, 3i Encode and all others	Yes, utilizes AI to automatically match and align scan abutments and scan bodies with scan data.	Yes, 3i Encode and all others





Company	Align Technology	Dentsply Sirona	
Product	iTero*Element 5D	CEREC' PRIMESCAN	
Scanner File Output STL		DXD, RST, 3D PDF, STL (via lab software)	
Scanner Type	Parallel Confocal; Laser	Streaming Capture	
Scanner Accuracy (in microns)	<9	Dentsply Sirona does not supply accuracy in microns	
Infection Control	Disposable Lense Cap	High Level Disinfection & Dry Heat Sterilization	
Tooth Surface Spray Required?	No	No	
Per Scan Click Fee?	No	No	
Subscription (data package and/or software updates)	Starting in yr 2, \$360/month (\$4,320 annually) all inclusive monthly subscription	No subscription fees	
Lapsed Time (min) until digital model file is available	15 to 30 mins. Varies depending on office's internet connection	0 to 5; Varies Dependening on office's internet connection	
Hardware Warranty?	Included with subscription	1 year Included with purchase. Optional \$199/month extends warranty up to 7 yrs coverage for hardware warranty and design software updates.	
In-House Training	No in-office training. 6-8 hours of virtual classroom style training. In-office training can be purchased.	Training included with intial purchase price. No obligation - additional training is offered	
Suggested Retail Price	\$29,999	\$30,000	
Distributors	Direct and Patterson Dental	Patterson Dental and Henry Schein	
Ortho applications currently?	Invisalign, OrthoCAD; SureSmile	Yes-MTM Clear Aligners, Clear Correct, and Invisalign	
Partial applications currently?	Yes	Yes	
Other unique features	CDT inspects impression file and marks margins before manufacturing lab receives them.	Full-color scanning, small camera tip, restorative and ortho scanning solutions, direct integration into Dolphin Imaging. 3 machine configurations for maximum flexibility and portability.	
Compatible with implant scan bodies for custom abutments?	Yes, 3i Encode and all others	Yes-most major implant companies utilizing Dentsply Sirona TiBase/ScanPost and Atlantis workflows (2017)	