MEDIT

Medit T-Series

Power, Speed and Versatility for Your Lab

The simplest way to achieve high-performance outcomes for your lab and dental practice.

Medit represents the apex in 3D dental scanning.
With unsurpassed speed, accuracy and reliability, Medit helps you rediscover your productivity.

What's new in the T-Series? - Everyone's invited.

The new Medit T-Series' powerful scan engine and affordable pricing are a perfect fit for both performance enthusiasts and entry-level users. Its evolutionary design and high-tech features will help your lab rediscover productivity. Bundled with the colLab Scan software, our scanners make scan data processing easy and efficient.

Medit T-Series

Medit T500
Speed and accuracy with 2MP cameras

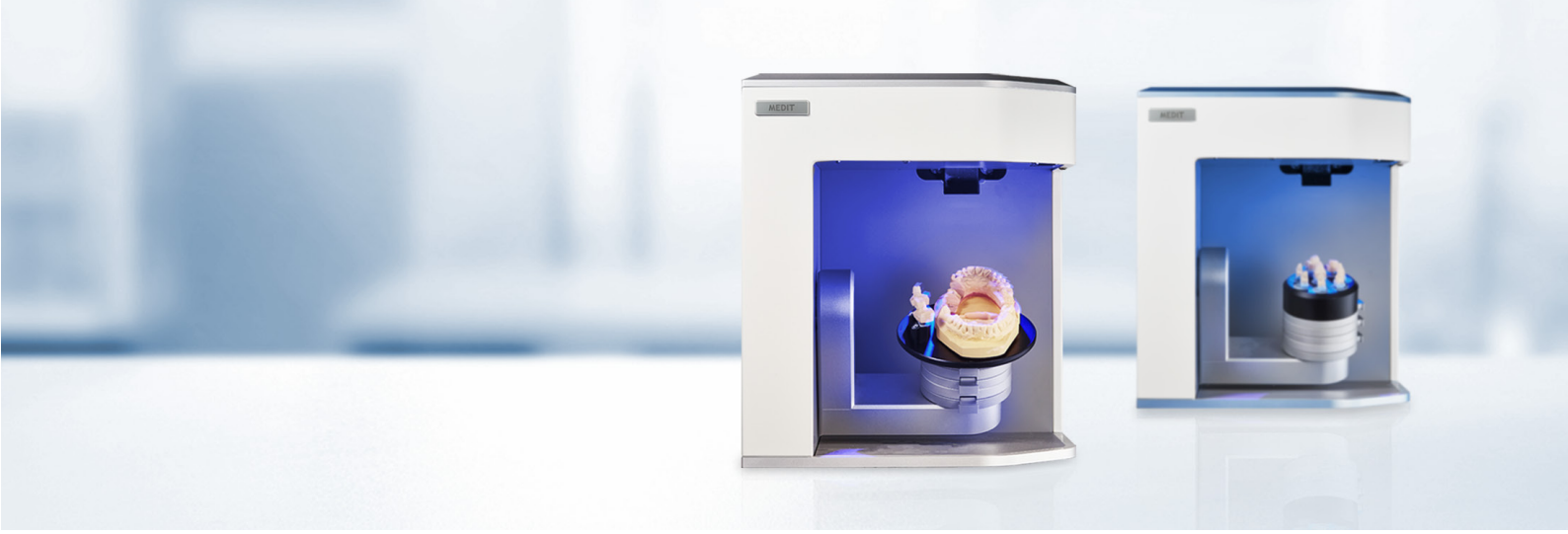
Medit T300
Quality & affordability with 2MP cameras

colLab Scan

Increase your productivity with state-of-the-art software technology

Medit Link

One software to connect them all



5 reasons to choose Medit T-Series

WORLD CLASS PRODUCT OF KOREA 1

세계일류상품

Superfast Scanning

Our quality hardware and software work together to bring your lab the fastest scanner in the dental industry. Medit's exclusive, flexible multi-die provides an all-in-one scanning to dramatically increase your productivity.

High Accuracy

7 micron accuracy: ISO 12836

Open Type System

You can import and export files in STL formats at any time during a scan operation, improving the utilization of scan data and reducing the instances of rework required.

Automated Impression Scanning

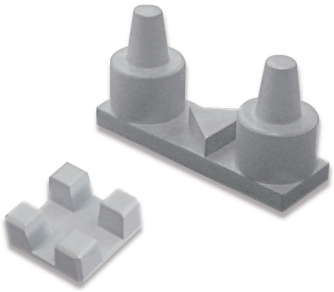
Medit's industry-leading impression scanning leaps forward with the new Medit T-Series. Automatic double sided impression scanning and data alignment provides complete 3D files ready for design. New software tools enable you to combine the impression and plaster stump for more design flexibility, when making crowns or inlays using impression scans.

High-resolution Cameras

Medit T-Series scanners capture more details and geometry with higher resolution cameras and merge technology and data processing algorithms.

Accuracy of the scanner is where it all starts in CAD/CAM

The most demanding bridges, implants and bar designs require the highest accuracy. Using state-of-the-art blue light scanning technology, the T-Series is able to capture the highest-quality scans with high accuracy.



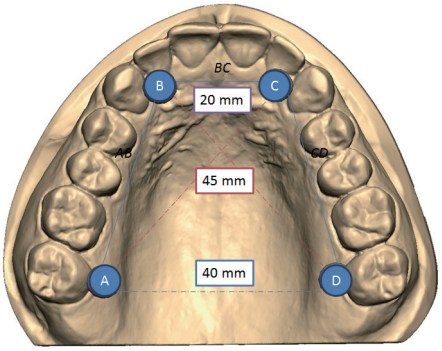
ISO 12836

ISO-12836

ISO 12836 specifies test methods for the assessment of the accuracy of digitizing devices for computer-aided design/computer-aided manufacturing (CAD/CAM) systems for indirect dental restorations.
ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies.

ANSI/ADA Standard No. 132

Scanning Accuracy of Dental Chairside and Laboratory CAD/CAM Systems describes test methods used to evaluate the repeatability, reproducibility and accuracy of dental devices for 3-D metrology. The standard is applicable to dental chairside and dental laboratory CAD/CAM manufacturing systems.
The not-for-profit American Dental Association is the nation's largest dental association, representing more than 161,000 dentist members.



VDI 2634

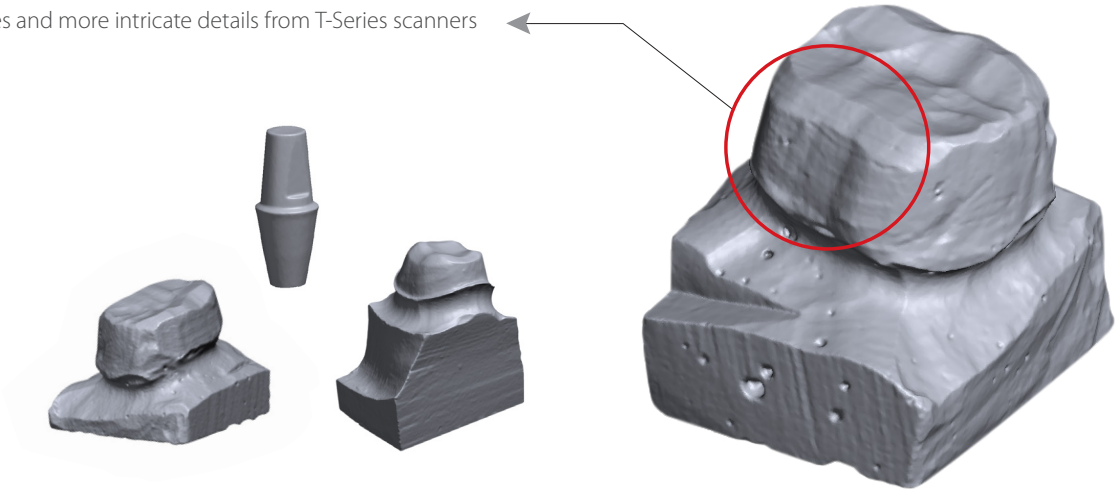
Defines acceptance and reverification tests as well as artifacts for the evaluation of graphical optical 3-D measuring systems with planar measurement regarding its accuracy. It is valid for optical 3-D measuring systems with planar measurement, which works according to the triangulation principle.
The VDI is the largest engineering association in Germany. As the third largest standards organization, VDI is also a partner in the German business community and scientific organizations.

Advanced data processing and high-resolution cameras

The Medit T-Series has revolutionized data precision with state-of-the-art software technology, high-resolution cameras and blue light scanning technology. The latest software technology provides you with the cleanest and sharpest data. It introduces an advanced new camera system with dual 2.0 MP resolution, offering the best performance and scan data quality ever with Medit scanners. For the ultimate scan data quality, our new T-Series presents brilliance of clarity for your work. Medit T-Series will save you precious time and money by minimizing trial & error to adjust restoration fits.

T-Series scan data

Sharper edges and more intricate details from T-Series scanners

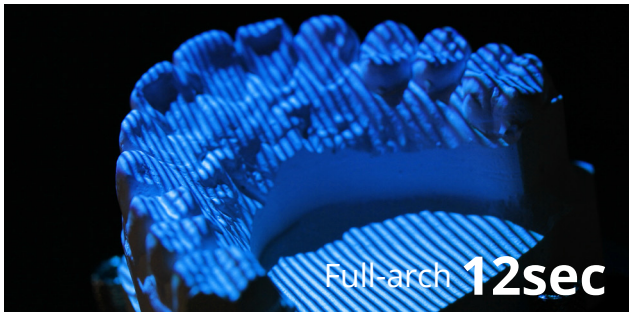


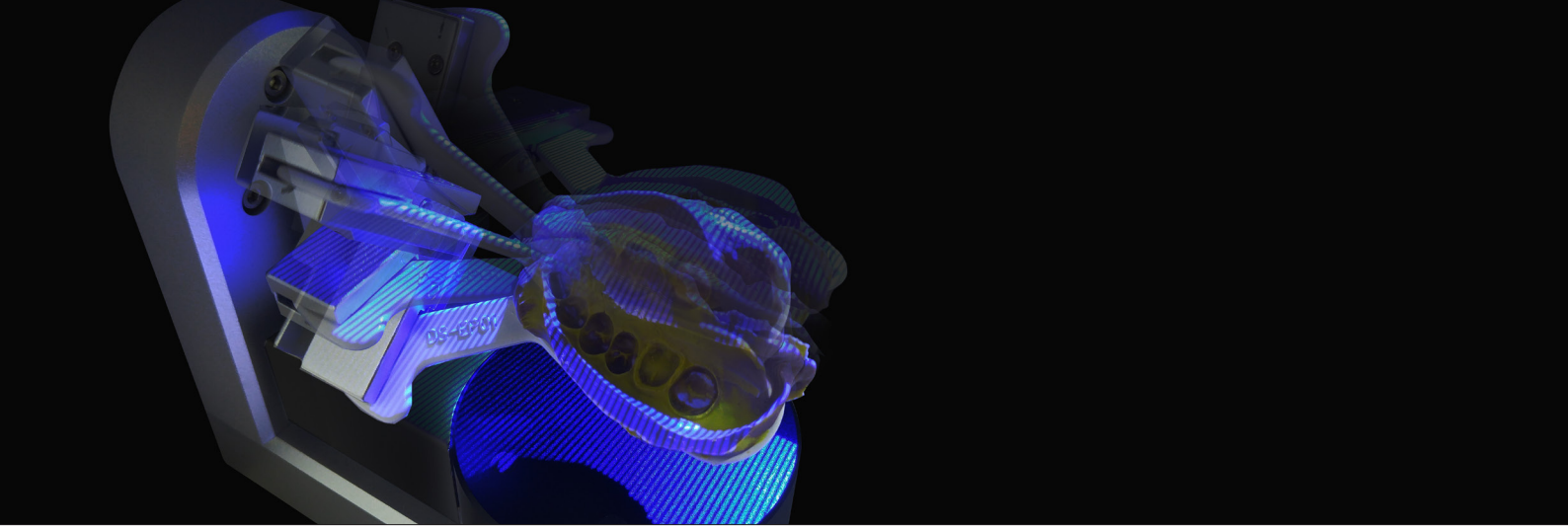
Speed up scanning – Stay top-of-the-line

Medit T500 offers a fast scan engine and highly efficient software algorithm. With its high-speed camera and projector, you can scan a full arch in just 12 seconds, and eight dies within 19 seconds. The flexible multi-die shortens the scanning process and increases work efficiency. The advanced, high-speed positioning system of the new T-Series is designed for optimal performance for your laboratory. You can make more restorations in a day and increase your productivity.

The dental industry's fastest lab scanner

With the T500, you can scan a full arch within 12 seconds or eight dies within 19 seconds.





Automated Impression Scanning

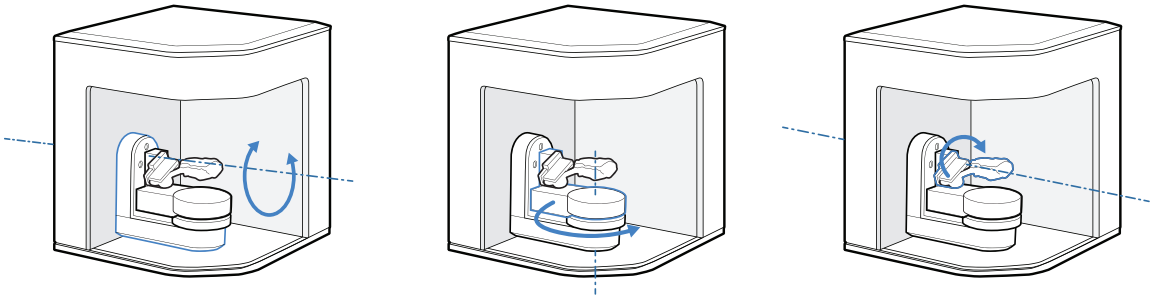
Conceived with ‘fully automatic impression scanning’ in mind, the Medit T-Series has earned a reputation as a scanner optimized for impression scanning. For the next generation of scanners, our engineering team set out to increase our impression scanning capability with higher resolution cameras, advanced software algorithms, and new software tools to bring you our best and most productive impression scanner ever.

Model-free workflow

Our impression scanning capability eliminates the need to make a plaster model. You can simply scan the impression immediately upon arrival in the lab and begin designing.

Automatic impression scanning - 3 axis arm + auto double-sided impression

The 3-axis impression arm of T-Series will automatically scan both sides of an impression, allowing you to take an auto double-sided impression scan in one step.

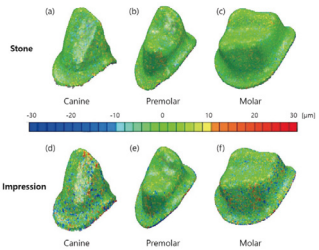


Proven accurate impression data

Impression scanning has not become mainstream due to the lack of precision in the scanning process. Model scanning has always been more accurate. However, Medit provides the same level of accuracy in both model and impression scanning using the optimized scanning paths for impression scans. In addition, it speeds up your workflow without compromising precision.

Dental Materials Journal 2015;34(5): 686-691

Three-dimensional evaluation of the repeatability of scans of stone models and impressions using a blue LED scanner



Dental Materials Journal 2015; 34(5): 686-691

Three-dimensional evaluation of the repeatability of scans of stone models and impressions using a blue LED scanner

Jin-Hun JEONG, Il-Do JUNG*, Ji-Hwan KIM*, Hae-Young KIM* and Woong-Chul KIM*

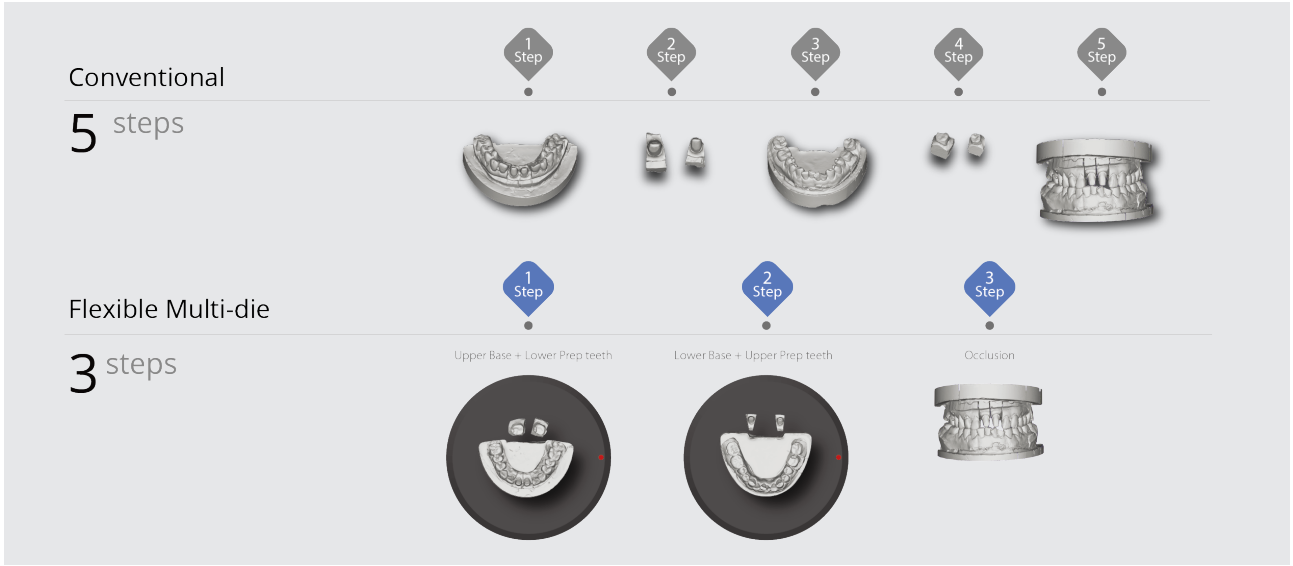
INTRODUCTION

MATERIALS AND METHODS

Evolved convenience of hardware and software for productivity

Flexible multi-die scanning

Improve your workflow by scanning full arch or partials with multiple dies simultaneously. Efficient work in fewer scanning steps.



<Patent obtained in Korea with (10-1602749), and worldwide patent pending>

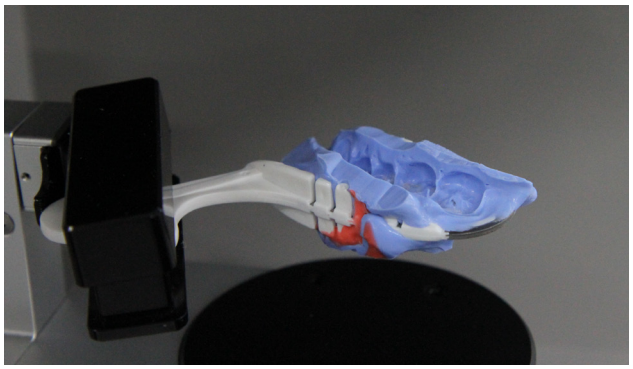
Touch Sensor - Convenience at your fingertips

Medit's exclusive "click-less scanning workflow" is offered on the T500. Once your project is loaded, simply touch the scanner to start the scanning process. There is no need to touch the keyboard or mouse to start scanning.

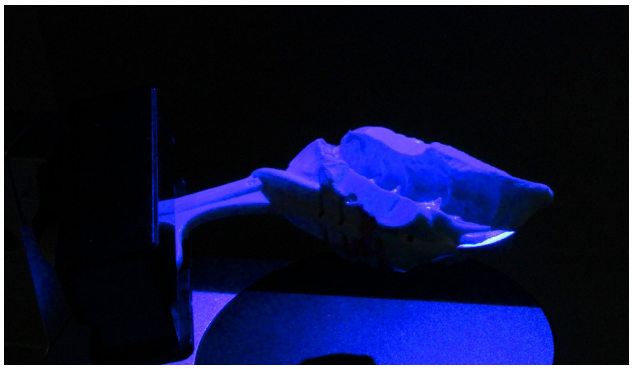
Projector conservation mode

When the scanner is left on but not in use, scanner life is reduced and electricity is wasted. When the Medit scanner is not in use, the system automatically turns off the scan engine. As soon as it is needed, the projector automatically starts.

Auto stop - projector light is off



Auto start - projector light is on



Most versatile virtual articulators integration

Full-size articulator scanning

To reproduce the exact occlusion orientation, nothing is better than scanning the occlusion in the articulator itself. The T-Series has been designed to fit any articulator available on the market.

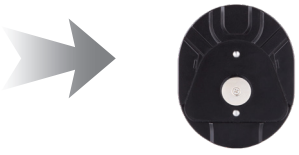
KAS jig, the smart 3-in-one jig

To use the KAVO, ARTEX or SAM articulators, KAS jig is the way to go. One jig supports all three.

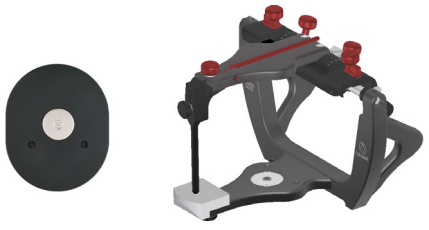
KaVo

Artex

SAM



New MARK330 and BIOART A7+ virtual articulators added for the latest exocad version.



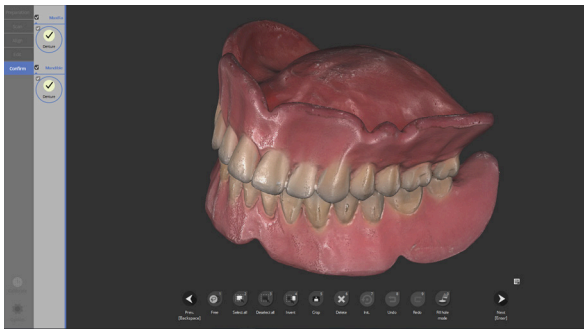
MARK330

BIOART A7+

colLab Scan

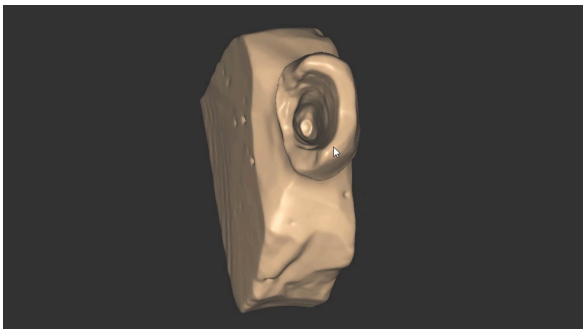
Our next-generation scan software, colLab Scan, makes the scanning workflow as productive as possible by providing Medit users with new scan strategies and optimum scan data quality.

Replicate dentures



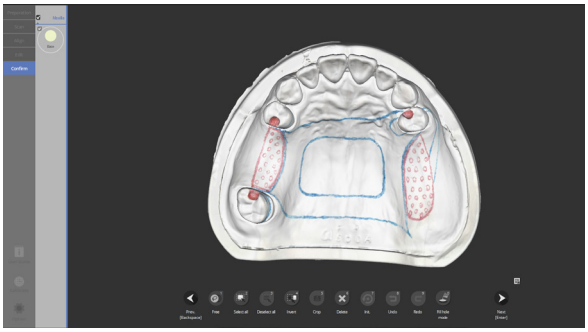
Replicate and archive existing dentures or create a surgical or radiographic guide with fast, accurate, high-quality scans from Medit T-Series scanners and colLab Scan scan software.

Post & Core



The Post & Core scan feature allows routine scanning with the added feature of an impression scan to capture the deepest part of the Post & Core not usually visible in the model scan.

Partial denture

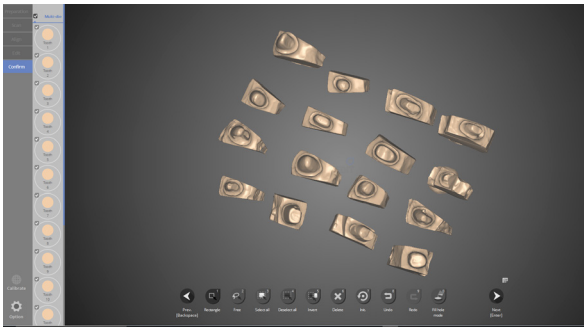


Interproximal scan data is important because the partial denture framework uses the interproximal undercut as a retention force foundation. The Partial denture framework scan makes it possible to use 'interproximal scan' used in 'Orthodontic' under scan strategy.

Advanced scanbody alignment

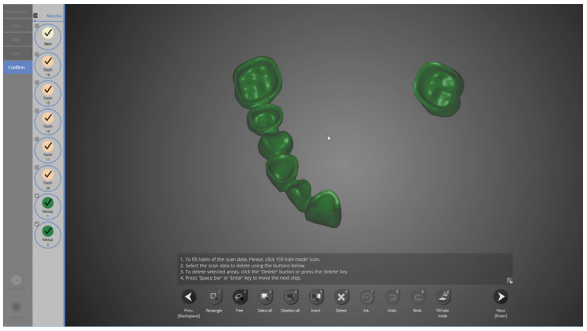
With the 'Medit Certified' Library, the Implant Scan Body alignment feature uses a new algorithm, ensuring high position accuracy and the accuracy of each re-alignment. Experience clear differences with the 'Advanced Scanbody Alignment' feature, particularly for implant bar scanning cases which are highly-sophisticated prostheses.

Scanning 16 dies at once

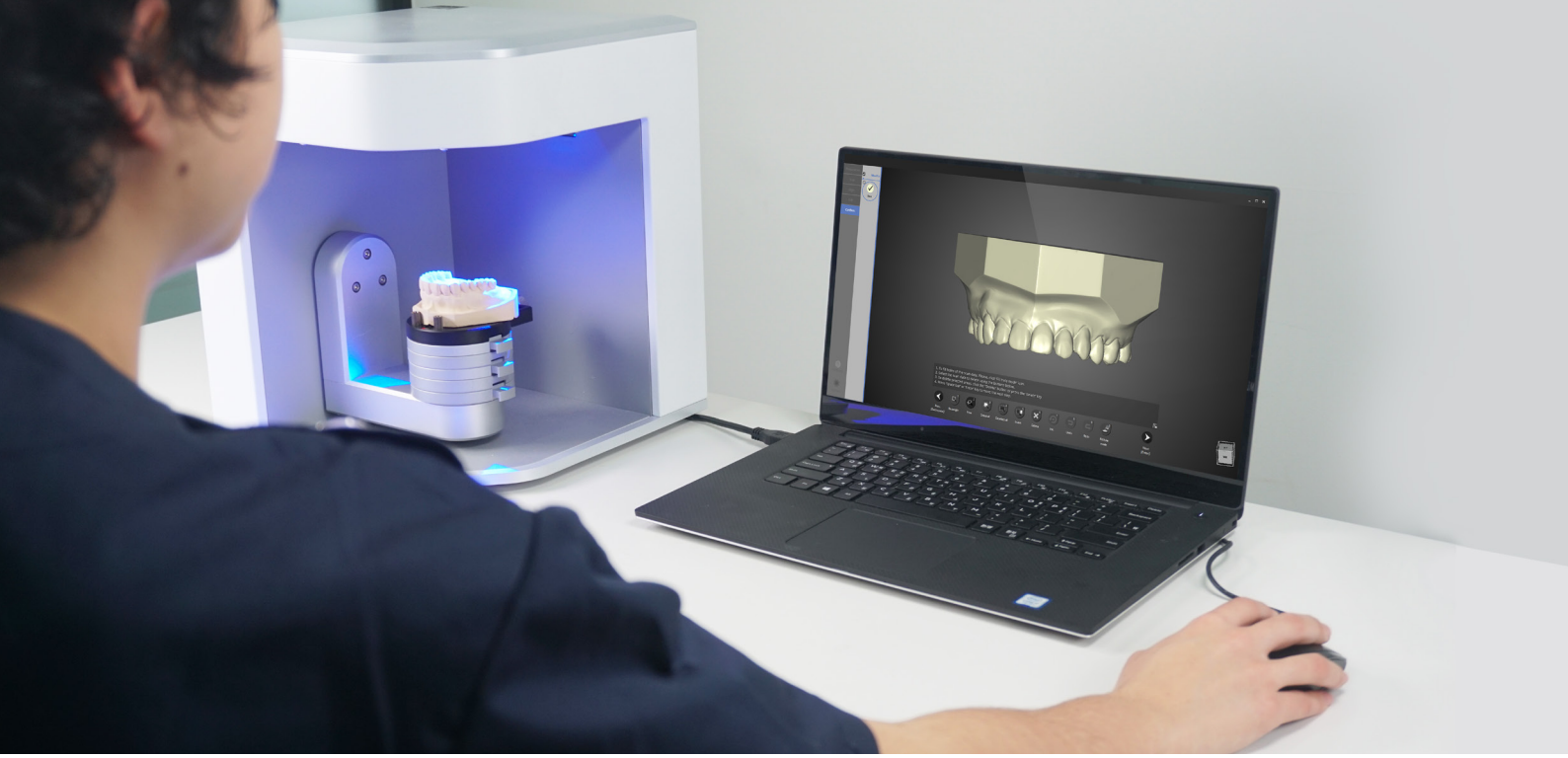


Existing multi-dies can scan 8 dies. To improve productivity, our exclusive flexible multi-die has been redesigned to double its capacity up to 16 dies.

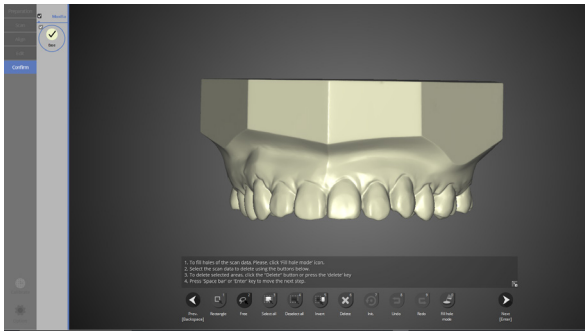
Wax-up bottom scanning



Optimized functionality with wax-up bottom scanning allows scanning of both the extrados and the intrados of a wax-up for perfect copying of the pontic area and a much more accurate design.

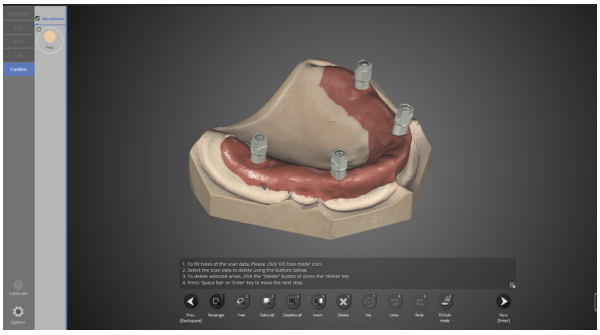


Interproximal area scan for orthodontics



Capture important interproximal areas with colLab Scan software and Medit scanner.

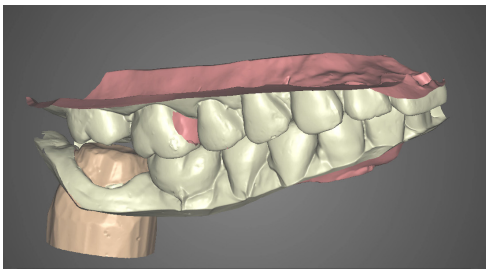
Advanced precise color texture



The latest technology captures vivid color texture scans with no need for an additional color camera. Capture hand-marked margins or notes in color with the Medit T-Series.

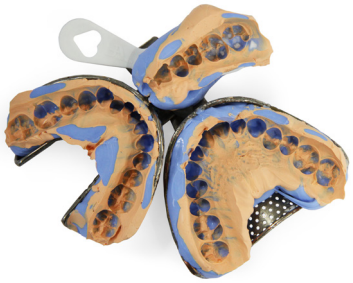
Double-sided impression and plaster stump

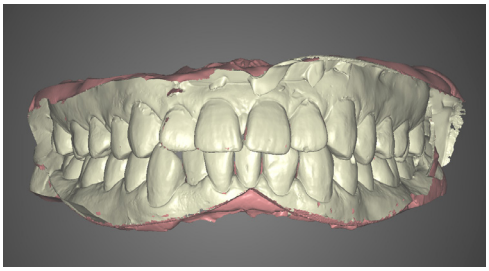
Medit combines data from your stone die with data from the impression scan to provide you with the gingiva level and the accurate margins your work demands. This makes it easy to overcome the difficulty of checking the margin of preparation teeth on the impression. When you scan individual stone dies of a preparation tooth, colLab Scan software aligns and integrates the plaster die data and the double-sided impression data.



Full arch tray

The T-Series has a 3-axis arm for automatic double-sided impression scanning, eliminating the need for manual reversing the image. The result is an easy and accurate double-sided impression scan and bite alignment.



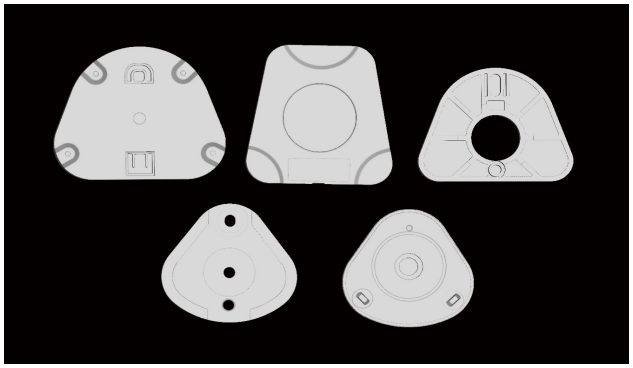


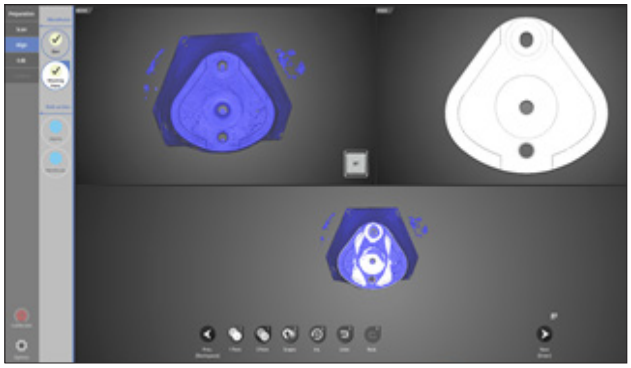
Various strategies for implant case scanning

The colLab Scan software enables a single scan body to capture multiple implant locations. With enough scan bodies there is no need to scan twice to capture the base and scan body separately. An image of the scan body can be extracted from a single scan that contains both the base and scan body, thus saving time.

Alignment to virtual mounting plate

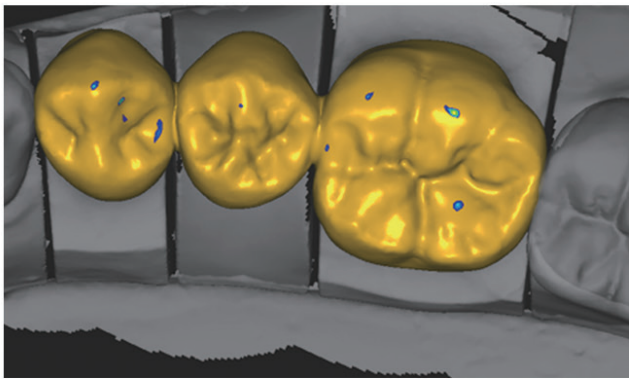
This is an exclusive function only available with Medit scanners. When using articulators such as KAVO, ARTEX, SAM, MARK330, BIOART A7+, you can link your articulator with virtual articulators without needing any special jigs.
Simply scan the mandible mounting plate and align it to the default position of the articulator mounting plate. After that, you can use the virtual articulator integration function in CAD with highly accurate positioning without the need for special jigs.

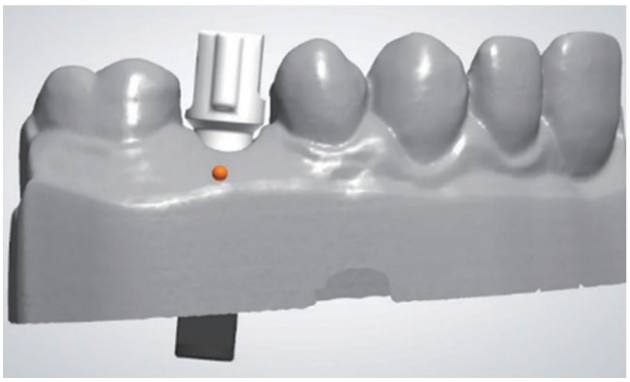


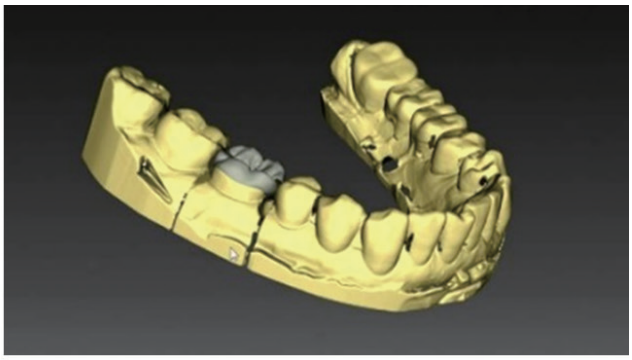


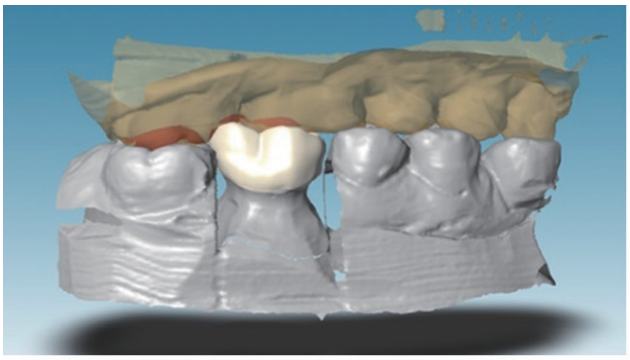
Integration with various CAD softwares

Medit T-Series scan data can be used in a wide range of software, giving you design flexibility.





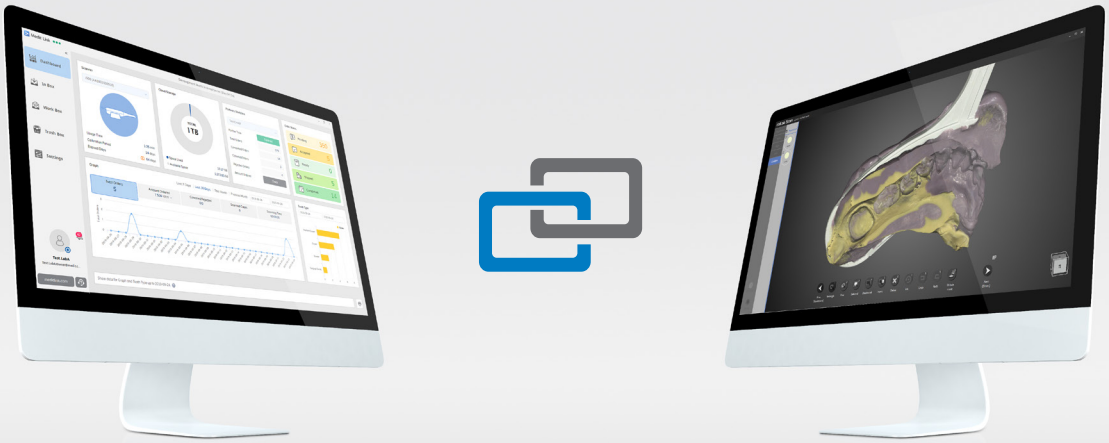




Medit Link

Medit's new workflow management and communication software, Medit Link, is developed to enhance your performance. Its integrated cloud storage and open data architecture ensure that your clinic's performance is optimized. However, everyday CAD processes with real-time workflow management and communication tools will also work.

Download Medit Link at
www.meditlink.com



Medit Link

colLab Scan

Benefits of using Medit Link with colLab Scan

Access and utilize scan data

Start working on the scan data sent by the clinic the moment you receive it.

No waiting time

Start seamless scanning immediately. If you run colLab Scan via Medit Link, the connection will be maintained once connection between the scanner and the PC has been set-up the first time, allowing you to scan without delay. Also, you can perform consecutive scans without waiting for post processing to be completed. Post-processing will be performed in the background via the Medit Task Manager.

Easy integration

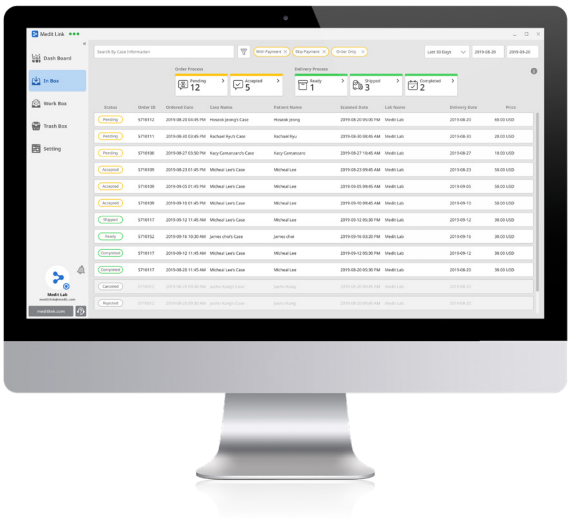
Use Dental Project without a dongle. Since you can also create 'dental Project' files on Medit Link, users who set up a separate scan computer can easily link with Exocad without using the 'import' function on colLab Scan after creating 'dental Project' files in Exocad.

Safe and convenient cloud storage

Both scan data and CAD data are securely backed up to the Cloud. Additionally, there is no inconvenience caused by separate internal network problems between the scan computer and the CAD computer in the lab, as both scan data and CAD data are shared to the Cloud.

Quick file format change

If you use the Texture option in colLab Scan, you can change the format between OBJ and STL whenever you want.



Cloud Storage & Scan Data Synchronization

Medit Link is coupled with cloud storage with sufficient capacity to store files and information for all cases, in a secure manner without requiring an additional physical storage space.
In addition to the patient information and scan data of ordered cases, the working design files are kept separately in a storage space specifically for the lab. All data is organized by cases, making it easy to retrieve and check the data.

Dashboard

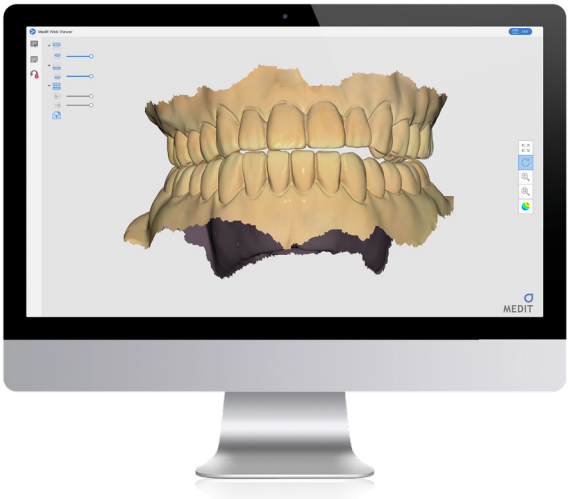
The Medit Link Dashboard allows you to view scan, order and case status, cloud usage, as well as available storage space in real time. You can also check the type of work and order volume of the clinics you are currently working with. This function allows you to easily manage the performance of your business and communicate effectively for more efficient operations.

Case Management and Payment

You can receive orders and payments from clinics via Medit Link by making a partnership or signing a contract with the clinic through the system. All received orders are saved to the In Box which is accessible by all registered employees. You will also be able to forward delivery details to the clinic once the job is completed.
Check your order history at a glance via Medit Link and manage your work more easily!

Web Viewer & Public Sharing

The Public Sharing option allows you to create links to 3D data and share them with your partners without them needing to sign up for Medit Link. The Web Viewer allows you to view and adjust scan data on your PC or mobile screen, as well as capture images and add notes. You can also look at the Web Viewer screen and communicate in real-time with your partners and co-workers for higher quality results.



Model and Specifications

Medit's T-Series engineering-added improvements and features build on our award-winning line of scanners.

Category		Medit T500	Medit T300
Appearance			
Camera Resolution		2 x 2 MP cameras	2 x 2 MP cameras
Scanning Volume		90mm x 72mm x 60mm	
Scanning Principle		Phase-shifting optical triangulation	
Dimensions		290mm x 290mm x 340mm	
Impression Scanning		3-axis automatic	2-axis manual
Weight		12kg	12kg
Light Source		Blue LED	Blue LED
Connectivity		USB 3.0 B type	USB 3.0 B type
Scan Speed (Full Arch)		12 sec	24 sec
Touch Sensor		●	X
Accessory ● Included △ Optional X Not Available	3-Axis Impression Arm Module	△	△
	Flexible Multi-die Module	●	△
	Color Texture Scan Module	●	△
	Articulator Module	●	●
	2-Axis Manual Impression Jig	X	●
	Articulator Plate	△	△
	KAS Jig (Kavo, Artex, SAM)	△	△
Power		AC 100-240V, 50-60 Hz	AC 100-240V, 50-60 Hz

About Medit

Since our foundation in 2000, Medit has worked to improve and revolutionize 3D imaging technology for both the industrial and dental fields. We strive to create the highest quality products for our customers while also working to bring down cost. Because of this, we have produced some of the most advanced and most affordable 3D scanners on the market.

Medit has achieved double-digit annual growth over several years through unparalleled technology and creative product development with the aim to maximize client convenience.
Developing our own patented state-of-the-art technology, Medit's mission is to provide the opportunity of success and growth to both our clients and employees.

MEDIT

www.medit.com

09.2019