



# Medit T-Series



**straumann**group  
Digital Solutions

## Introducing the new and improved T-Series

We've completely overhauled the design of our T-Series tabletop scanners.

The result is a [sleek and sophisticated scanner](#) which not only does its work well, but in style.



Medit T510



Medit T710



Medit T310

## Our fastest, yet again

From the company that brought you the first blue-light tabletop scanner, introducing the **Medit T710**, the **superfast Medit tabletop scanner** you have yet to experience.



## Why the Medit T-Series? It's a simple choice.



### Superfast scanning

With our high-quality hardware and optimized software, scan a full-arch in just 8 seconds with the T710.



### High accuracy

4-micron accuracy: ISO 12836



### Open system

Enjoy the freedom of our open system which allows you to import and export files in STL format so you can design on virtually any software.



### High-resolution cameras

Our 5.0MP cameras ensure high-resolution detailed scan data. With the four-camera system, the T710 covers a wide scan area, eliminating any blind spots.



### Auto-elevation

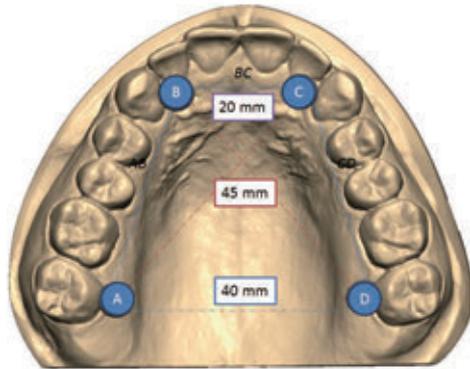
Say goodbye to stacking half-jigs for the correct scanning position with our auto-elevation feature. For your ease of use.

# Scanner accuracy is the base of CAD/CAM work

CAD/CAM dental work requires the highest accuracy to produce well-designed bridges, implants, and bars.

The state-of-the-art scanning technology of our T-Series ensures the highest-quality scans with high accuracy, adhering to strict international standards.





### ANSI/ADA Standard No. 132

The ANSI/ADA Standard No. 132 describes test methods used to evaluate the repeatability, reproducibility, and accuracy of dental devices for 3D metrology.

The not-for-profit American Dental Association (ADA) is the nation's largest dental association, representing more than 161,000 dentist members.

### 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.



### VDI 2634

The VDI 2634 defines the acceptance and reverification tests as well as artifacts for the evaluation of graphical optical 3D measuring systems with planar measurement regarding its accuracy. It is valid for optical 3D measuring systems with planar measurement, which works according to the triangulation principle.

Verein Deutscher Ingenieure (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.

## Speed up your workflow

The Medit T710 is equipped with a fast scan engine and highly efficient software algorithm which work in tandem to produce a full-arch scan in just 8 seconds. The advanced, high-speed positioning system of the new T-Series is designed for optimal performance for your laboratory, speeding up your workflow and increasing productivity.

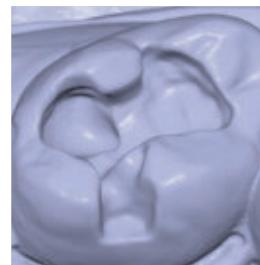


## Accurate & detailed scan data with our 4 high-resolution cameras

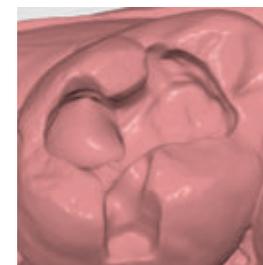


The Medit T-Series has revolutionized data precision with state-of-the-art software, high-resolution cameras and blue-light scanning technology, giving you high-quality scan data which is clean, sharp, and with intricate details.

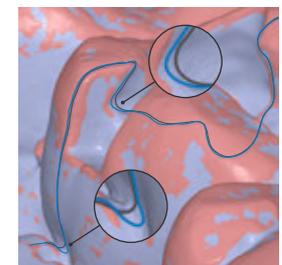
The T710, with its new four 5.0MP-resolution cameras system, ensures your models and impressions are fully scanned, eliminating all blind spots. The Medit T-Series will save you precious time and money by minimizing the need for restoration adjustments.



X Brand scan data  
(4 x 5.0MP cameras)



T710 scan data  
(4 x 5.0MP cameras)



Scan data comparison  
— T710 — X Brand

# Do more with less effort

We've always prioritized simplicity when developing our solutions. Because we want to ease your work. So we are proud to present to you our new T-Series dental tabletop scanners which allow you to do more with less effort.

## Auto-elevation

We've done away with stacking half-jigs to save you the hassle of adjusting your scanning object every time. Let the scanner decide the scanning height for your object with our auto-elevation feature.

## Wider scan area

Scan more objects at the same time thanks to the wider scan area of our T-Series scanners!

## No blind spots

The 4 cameras in the T710 are positioned in a way to ensure that there are no blind spots in your scan data. It only takes one scan to get the full data!



# Convenience

## Flexible multi-die scanning

Make your work more efficient by using the flexible multi-die to scan a full-arch or partials with multiple dies simultaneously.

Conventional

5 steps



Flexible multi-die

2 steps





## Most versatile articulators integration

### Full-size articulator scanning

To reproduce the exact occlusion orientation, nothing beats scanning the occlusion in the articulator itself. We've designed our T-Series to accommodate any articulator available in the market, comfortably.

### KAS jig, the smart 3-in-1 jig

Our smart three-in-one KAS jig enables you to use KaVo, Artex, or SAM articulators conveniently.



KaVo



Artex



SAM<sup>1</sup>

### AM jig for virtual articulators

The AM jig supports MARK330 and BIOART A7+ articulators<sup>2</sup>, making it easy for you to design.



MARK330



BIOART A7+

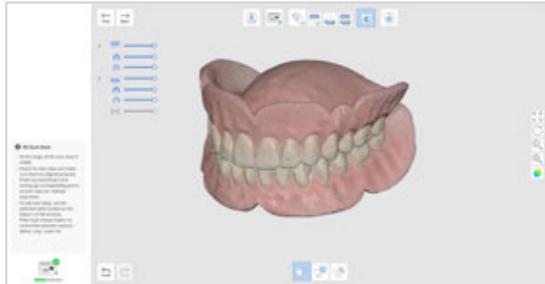
1. not included into CARES® Visual

2. Articulator not supported via CARES® Visual

# Medit Scan for Labs

Introducing our new lab scan software, Medit Scan for Labs. Optimize your digital workflow and get even more productive with all our new innovative features.

## Replica denture



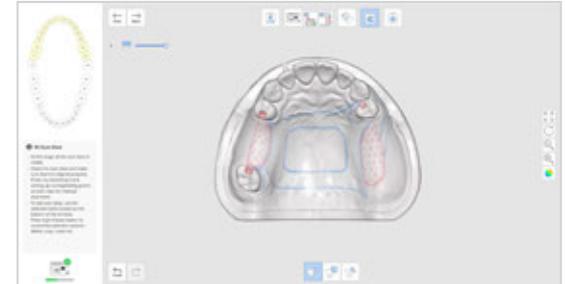
Replicate and archive existing dentures or create a surgical or radiographic guide with fast, accurate, and high-quality scans from the Medit T-Series scanners and our Medit Scan for Labs software.

## Post and core



The post and core scan feature helps you to capture the deepest part of the core, by giving you the option of combining your model data with impression scan data.

## Partial denture



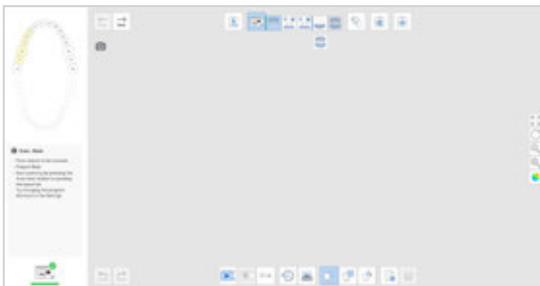
The partial denture framework requires the interproximal undercut as a retention force foundation. Use the 'interproximal scan' in the 'orthodontic' scan strategy for your partial denture framework scans.

## Bottom side of the wax-up



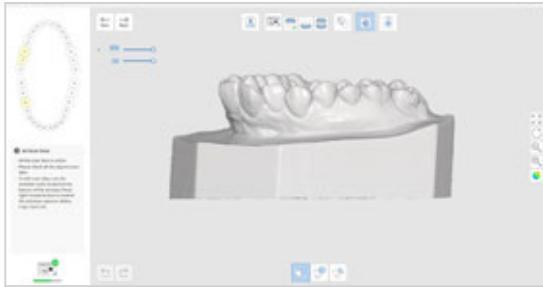
Experience optimized functionality with wax-up bottom scanning, which allows the scanning of both the extrados and the intrados of a wax-up, for perfect copying of the pontic area and a much more accurate design.

## Customized scan sequence



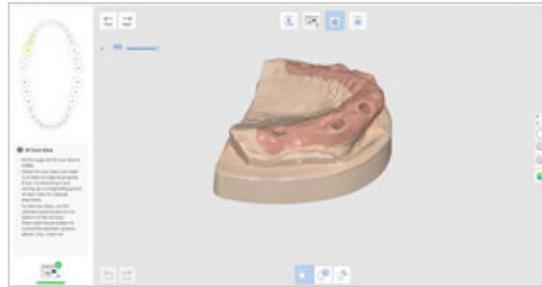
Enjoy the flexibility of choosing your own scan sequence with Medit Scan for Labs. Simply drag and drop the scan stages and re-order the sequence to suit your working style and needs!

### Interproximal area scan



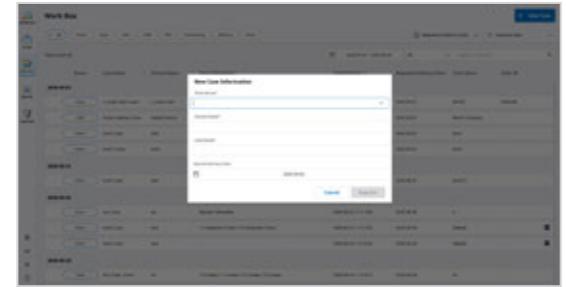
Capture important interproximal areas with the Medit T-Series and Medit Scan for Labs software.

### Advanced precise color texture



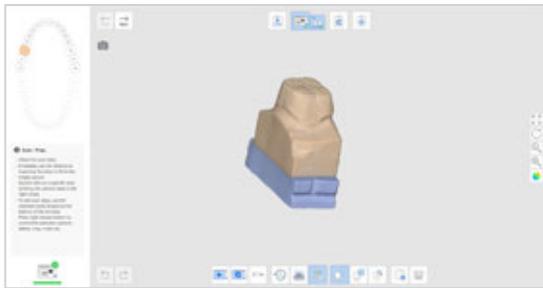
Capture vivid color texture scans, including hand-marked margins or handwritten notes.

### No downtime (processing done in background)



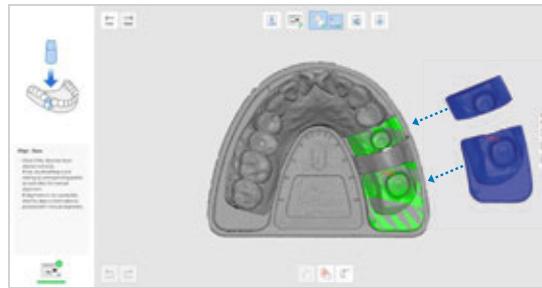
There's no need to wait for a case to be processed before proceeding to the next. Processing is done in the background for maximum efficiency, allowing you to scan cases consecutively without a break.

### HD Mode for selected stages



You can select specific parts to scan in high resolution, allowing you to scan in HD whenever necessary.

### Auto-alignment with base/prep



With the auto-alignment feature on Medit Scan for Labs, you no longer need to align your prep data with the base data because the software will do it for you! This feature also works for the prep data when scanning flexible multi-dies. Talk about convenience!

### Double-sided impression and plaster stump

Medit Scan for Labs combines data from your stone die with data from the impression scan to provide you with accurate margin information. This eases the challenges of checking the margins of preparation teeth on impressions. When you scan individual stone dies of a preparation tooth, the Medit Scan for Labs software aligns and integrates the plaster die data and the double-sided impression data for increased convenience.



### Full arch tray

The impression module for the Medit T710 allows you to perform automatic double-sided impression scanning, eliminating the need to manually reverse the image. The result is an easy and accurate double-sided impression scan and bite alignment.



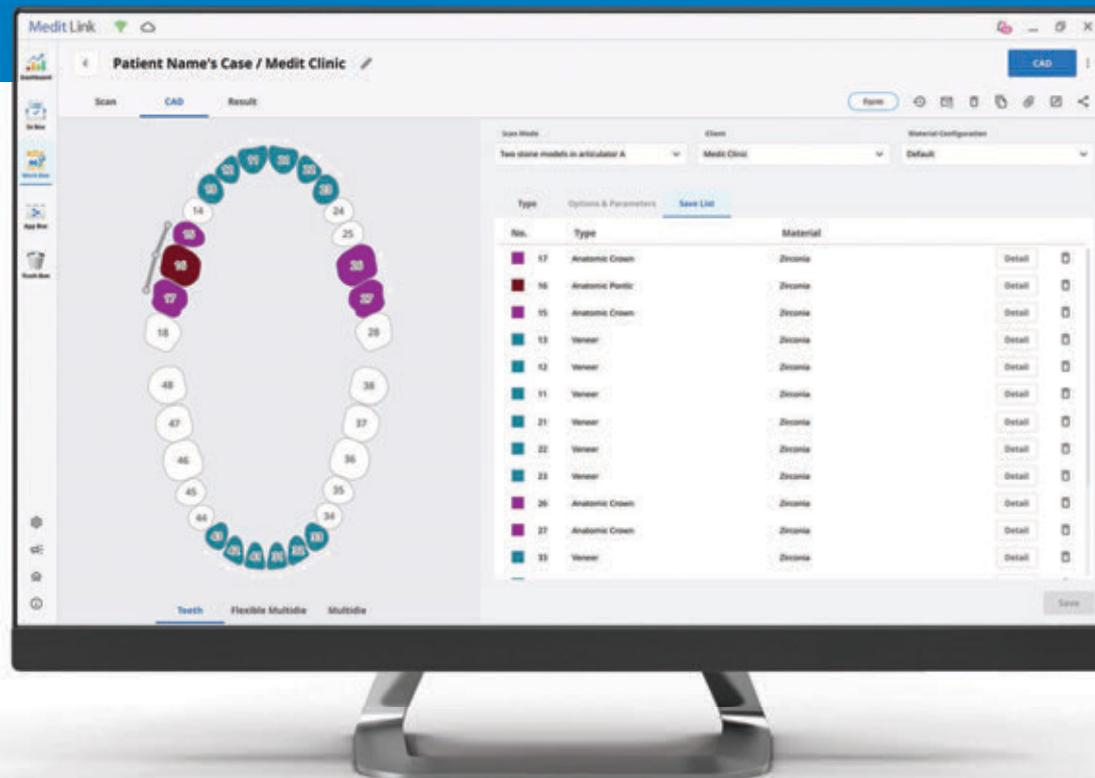
### Various strategies for implant case scanning

The Medit Scan for Labs software captures both the base and scanbodies at the same time, so you don't need to scan twice. With the 'add scanbody' function, you can also scan the same scanbody at several implant locations, reducing the need for multiple scanbodies.



# CARES® Medit Link *Linking Everything*

Medit Link is a truly open platform which offers you an integrated and flexible all-in-one workflow for dental clinics and labs. Manage all your digital data and 3D scans in one place, communicate seamlessly with partners and patients to ensure high quality results, and complete your order comfortably and securely within one system. With easy add-ons for additional dental software of your choice, Medit Link is your link to the world of digital dentistry.



## CARES® Medit Link and the T-Series



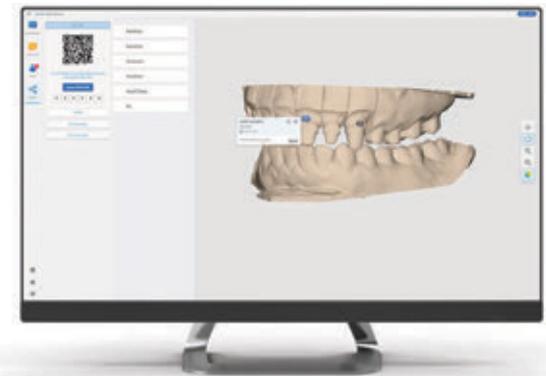
### Dashboard

The Medit Link dashboard allows you to view scan data, 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. Easily manage the performance of your lab and communicate effectively for more efficient operations.



### Cloud storage & scan data synchronization

Medit Link comes equipped with cloud storage with sufficient capacity to store files and information for cases in a secure manner, without requiring an additional physical storage space. In addition to patient information and scan data of cases, 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 data.



### Case Talk

Case Talk facilitates smoother communication, with partner clinics, or with other labs. You can view and adjust scan data on your PC or mobile, capture images, or share notes. All data is stored securely, with the use of PIN and QR codes, so you don't need to worry about your data being compromised.

## Integration with Medit *i*500 intraoral scanner

Need additional scan data?

With the [Medit Scan for Labs](#) software, you can now add scans using our [Medit \*i\*500](#) intraoral scanner!



# Models & specifications

● Included X Not available

Category	Medit T710	Medit T510	Medit T310
Resolution of camera	Mono 5.0(MP) x 4	Mono 5.0(MP) x 2	Mono 5.0(MP) x 2
Point spacing		0.040 mm	
Scan area		100mm x 73mm x 60mm	
Scan principle		Phase-shifting optical triangulation	
Size		505mm x 271mm x 340 mm	
Weight		15 kg	
Light source		LED, 150 ANSI-lumens, Blue LED	
Connection		USB 3.0 B Type	
Power		AC 100-240V, 50-60 Hz	
Accuracy (ISO 12836)	4μm	7μm	9μm
Full arch scan speed	8 sec(7cut)	12 sec(7cut)	18 sec(7cut)
Full arch impression scan speed	45 sec	X	X
Auto-elevation	●	●	●
Color texture	●	●	●
Flexible scanning	●	●	Optional
Articulator scanning	●	●	Optional
Replica denture	●	Optional	Optional
Orthodontic scanning	●	Optional	Optional
Impression scanning	●	X	X

## About Medit

Medit is a global provider of 3D measurement solutions for dental clinics and labs, including intraoral scanners, based on its own patented state-of-the-art technology. The company also develops platform solutions for digital dentistry, supporting collaborative workflows. Additionally, the Solutionix line provides 3D scanners and software to the industrial market. The company's goal is to provide innovative technology and the highest quality products to ensure mutual growth for all partners.

Medit is headquartered in Seoul, South Korea since its inception in 2000. The company also has representatives located in the Americas and Europe, and boasts a global network of distributors in over 70 countries.



[www.medit.com](http://www.medit.com)

**Distributor:** International Headquarters  
Institut Straumann AG  
Peter Merian-Weg 12  
CH-4002 Basel, Switzerland  
[www.straumann.com](http://www.straumann.com)



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