



MEDIT

The easy entry into  
digital dentistry

**Medit *i500***







## Introducing the Medit *i*500, the intraoral scanner designed to simplify your workflow.

Whether you're new to digital dentistry, or have experimented with other intraoral scanners, you'll appreciate just how easy it is to use our Medit *i*500 and Medit Link.

With innovation at our core, we're constantly upgrading our services to meet the ever-changing needs of our users and the industry.

Regardless of your specialization, the Medit *i*500 has diverse applications, allowing you to do anything from implant work to orthodontics, and even denture replication.

We support the freedom to choose, which is why Medit Link is a fully open system, giving you the flexibility to decide your preferred workflow.

With our Medit Apps, you'll be able to show patients potential treatment results to increase treatment acceptance rates, among other benefits.

What are you still waiting for?

Join the digital dentistry revolution and enjoy the Medit experience.

# Medit i500



STL

## Flexibility

The Medit i500 uses an open CAD/CAM system, allowing you to export .stl, .ply, and .obj files out of Medit Link and share them with your preferred lab, or to easily transfer files and track your progress throughout the entire workflow.



## Impressive Speed

Using two high-speed cameras, the Medit i500 scans quickly and efficiently. With its intelligent scan detecting algorithm, the i500 picks up where it left off for a smooth scanning experience.



## Lightweight

Scanning can be uncomfortable and tiring, especially if you're using a heavy scanner. But we have eliminated that problem with the Medit i500 scanner which is light in weight and easy to hold, making the process a comfortable one for you.



## Powderless

The Medit i500 does not require the use of powder, making the scanning process more seamless and the experience more pleasant for the patient.



## Accuracy

	In vitro*		In vivo**
	Trueness	Precision	
Single	5.3µm ± 0.34	3.2µm ± 0.49	10µm
Quadrant	17.3µm ± 0.43	6.3µm ± 0.63	25µm
Full arch	21.0µm ± 1.48	22.6µm ± 7.55	50µm

\* Accuracy test in vitro was conducted by Yonsei University College of Dentistry according to the methods in "Accuracy comparison analysis on scan data of single tooth, quadrant, and full arch between two types of intraoral scanner, i500 and Trios 3" Ji-Man Park, 19 December 2018.

\*\* Accuracy test in vivo was conducted by Medit.



## High Resolution

The Medit i500 produces realistic images which are high in resolution and rich in detail, allowing you to distinguish between tooth structure and soft tissue for easy identification of margin lines and undercuts.



## Video Type

There is no need to worry about choppy results with the Medit i500 as it takes rapid video-based scans, capturing more data in a short period of time. The resulting image taken by the dual cameras is hence smoother and more detailed.



## Vivid Color

The Medit i500 scanner produces precise-colored scans which can distinguish between soft tissue, plaque and teeth.



## Small Tip

The small tip on the Medit i500 is beneficial to both the user and the patient through simpler maneuverability and improved patient comfort.

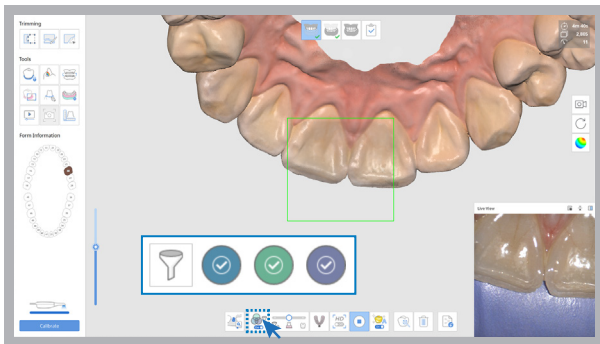


## Single Button Control

The single button of the Medit i500 allows the user to start and stop the scan at any moment without having to reach for the computer. Press the button down once to start scanning, and another time to stop. When the scan is complete, hold it down to move to the next scanning stage.

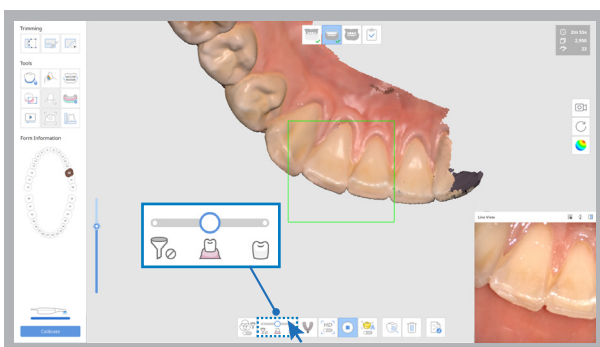


# Medit Scan for Clinics



## Smart Color Filtering

Register any color, such as the color of your gloves, and the software will automatically filter the color out during scanning, reducing the number of artifacts and making retraction and scanning easier.



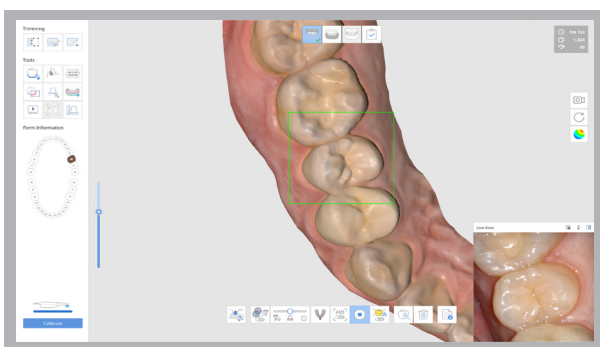
## Smart Scan Filtering

This feature helps to remove unnecessary soft tissue data which is one of the biggest challenges when performing scans. The three filter options allow you to choose the amount of soft tissue you wish to capture in your scan data.



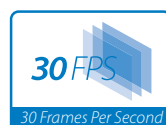
## Import Scan Data

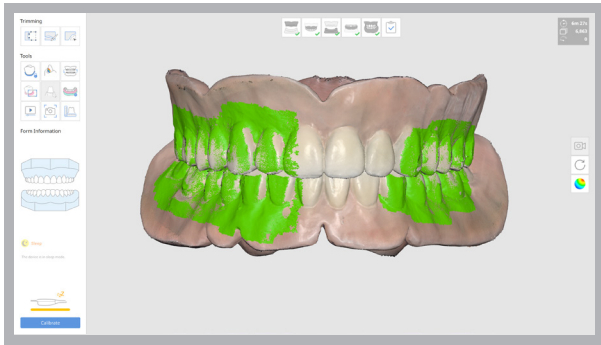
Import, refine, and further scan data that has already been processed. Maximize the advantages of a digital scanner by importing and selectively scanning .stl, .obj, or .ply data.



## Breakthrough Scanning Experience

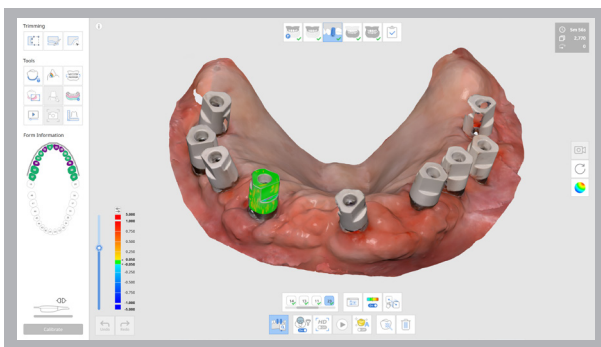
The camera picks up 30 frames per second, allowing you to reproduce the natural texture and real color of the oral cavity quickly and smoothly.





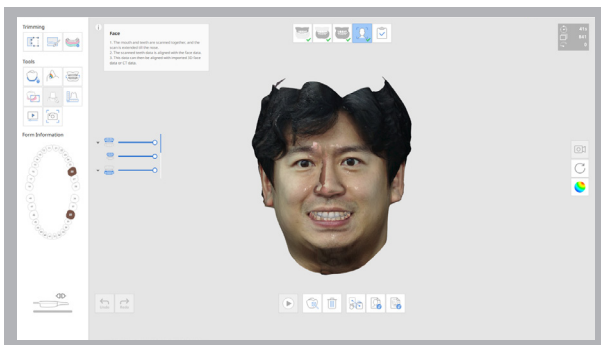
## Denture Scan Procedure

Scan edentulous patients directly, or the inner surface of the denture to reproduce the gingiva under compression. Use wax rims or dentures to perform occlusal alignment



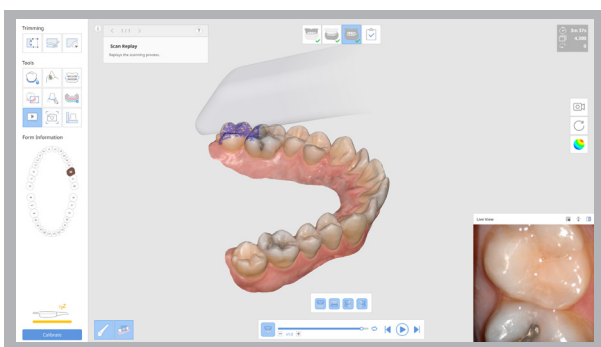
## A.I. Abutment & Scanbody Matching

This function allows you to match scan abutments and scan bodies, thus saving time in instances of poor scanning environments. You can select the appropriate library for your tooth. When you scan the corresponding tooth, the scan abutment and scan body are automatically matched and aligned with the scan data. The aligned library data can be used for downstream work such as design.



## Face Scan

You can perform a face scan with the *i500* and align it with imported data such as 3D face scan data taken with other facial scanners or 3D bone data which has been converted from DICOM files taken via CT.



## Scan Replay

The scan replay function allows you to replay a previous scan process. By virtually showing the scan tip and scan area, you will be able to see how it was scanned, enabling you to identify and improve your scanning methods or habits.

# Medit Link

Medit Link is a workflow management and communication software designed to enhance your performance. Its integrated cloud storage and open data architecture ensure that your clinic's performance is optimized. You can also manage your workflow in real-time and communicate via the platform.



**One Software**  
to connect them all  
[www.meditlink.com](http://www.meditlink.com)



Dashboard



Analytics



Cloud Storage



Communication



Payment



## Cloud Storage & Scan Data Synchronization

Medit Link is coupled with cloud storage for all digital scan files, reducing your storage demands. The real cloud system allows you to work on your original scans, easily archive your digital impressions and orders, as well as manage your cases wherever you are. In addition, partners can easily make adjustments to the working files as required.

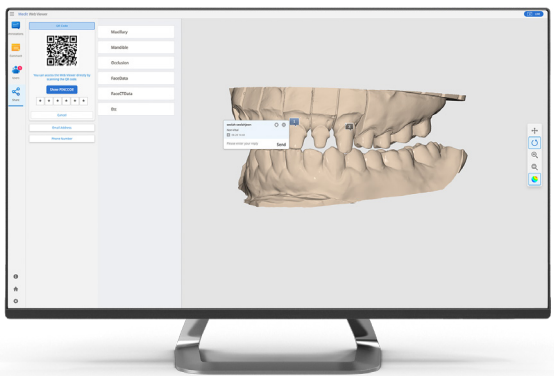
## Workflow Management

Medit Link allows tracking of workflows from order to delivery, and can even be linked to CAD/CAM software to improve work efficiency. Medit Link was created to help you manage your workflow in the easiest and most effective way possible, saving you valuable time.



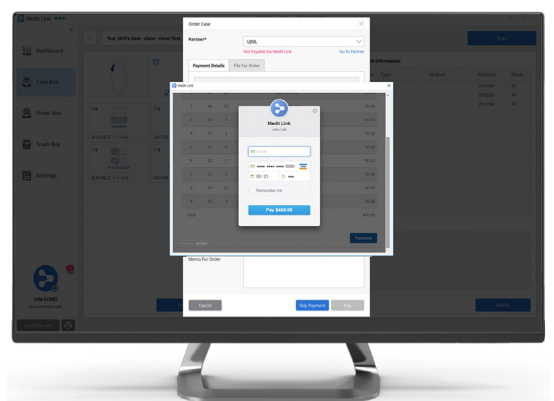
## Dashboard

With the Medit Link Dashboard you can view scan and order status, cloud usage, data storage space, and calibration intervals in real time, as well as keep track of daily scans as represented on a graph. The function allows you to easily manage the performance of your business and communicate effectively for more efficient operations.



## Case Talk

Case Talk facilitates smoother communication, with partner labs, or with other clinics. 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.



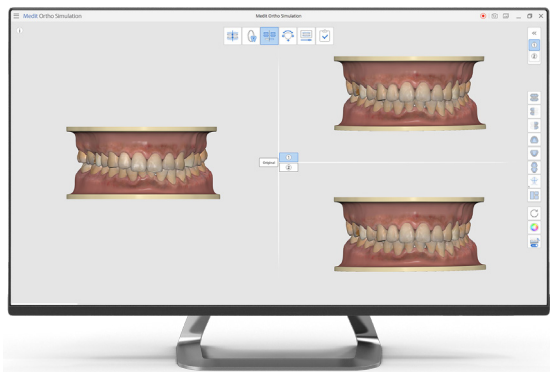
## Payment Management

Medit Link's billing management system automatically stores and manages your invoice to help you focus on the more important tasks. When you make payment for the first time, the payment information will be safely encrypted and stored in the server. This enables you to make future orders easily with just one click.

# Medit Apps



The App Box provides users with a variety of workflow options by allowing you to search for and install extensions available in Medit Link. This includes additional features provided by Medit as well as integrated software options by our partners.



## Ortho Simulation

Medit Ortho Simulation helps the patient visualize potential results of multiple orthodontic treatment scenarios. Load up to three different scenarios, add-in face scan data, and the patient can see their future smile!



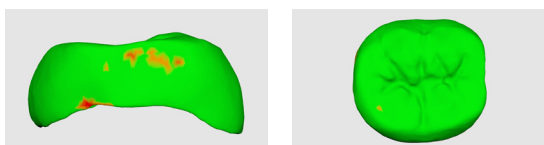
## Smile Design

Show the patient their future smile with Medit Smile Design. Load in an image of the patient and their teeth, and show them how they could look with treatment.



## Crown Fit

With Medit Crown Fit, clinicians can conduct a modelless crown fitting. After the prepped area and crown data are aligned, the software can reveal where alterations may be needed.



## Compare

Medit Compare is a simple-to-use data analysis tool that allows both experts and beginners to see the differences in different sets of scan data. Overlay two different sets of scan data and view surface roughness, curvature, and data deviation.

# The easy entry into digital dentistry



reddot award 2019  
winner



## Specification

Category	Description
Tip size	20 x 15.7 mm (WxH)
Overall handpiece length	266 mm
Weight	280g
Imaging technology	3D-in-motion video technology
Color	3D full color streaming capture
Connectivity	USB 3.0
Scanning area	14 x 13 mm

# About Medit

Medit is a global provider of 3D measurement and CAD/CAM 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.

