



THE EASY ENTRY INTO  
DIGITAL DENTISTRY

*i*500







# Introduction

MEDIT's latest product, the i500 intraoral scanner, exemplifies three qualities:

***Value, Efficiency, and Productivity.***

Together, these three qualities provide an effortless transition to incorporating our scanner into your workflow. Designed with quality in mind, we created the i500 so it would value-add to your practice.

With its impressive speed and powderless system, the i500 allows for a smoother scanning experience, shortening turnaround times and increasing the productivity of your clinic.

Regardless of your specialization, the i500 has diverse applications, ensuring that your professional needs are met. Increase your work efficiency with the vast flexibility that the open CAD/CAM system offers and never worry about compatibility issues again.

Make the transition today and enjoy the MEDIT experience.

# Why Medit *i500*



## High ROI

We created the i500 scanner with a high Return On Investment in mind. The design and software allow for an unparalleled performance at a very competitive price.



## Flexibility

The i500 uses an open CAD/CAM system, allowing you to export STL files out of Medit LINK and share it 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 i500 scans quickly and efficiently. With its intelligent scan detecting algorithm, the i500 picks up where it left off for a smooth scanning experience.



## Powderless

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



### Small tip

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



### High resolution

Combined with its software, the i500 provides the user with high resolution images to help determine the accuracy of the scan. Enhanced and highly realistic image quality allows you to distinguish between tooth structure and soft tissue, enabling you to easily locate margin lines and undercuts.



### Accuracy

Single Crown : Trueness (Accuracy) =  $4.2 \mu\text{m}$  ( $\pm 0.49 \mu\text{m}$ )

Precision (Consistency) =  $2.1 \mu\text{m}$  ( $\pm 0.58 \mu\text{m}$ )

\*Single crown accuracy test was conducted by Medit according to the methods in "Evaluation of the Accuracy of Six Intraoral Scanning Devices: An in-vitro Investigation. ADA Professional Product Review 2015".

Quadrants :  $\pm 50 \mu\text{m}$  / Full Arch :  $\pm 100 \mu\text{m}$

\*The reference model for Quadrants and Full Arch accuracy was scanned with an industrial grade, highly accurate reference scanner Solutionix D700 (6.4 megapixel, Advanced Blue Light Technology for small object scanning).



### Video type

There is no need to worry about choppy results with the i500 as it takes rapid video-based scans. The final image taken by the dual cameras is hence smoother and more accurate.



### Light weight

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



### Color

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



### Scan and stop button

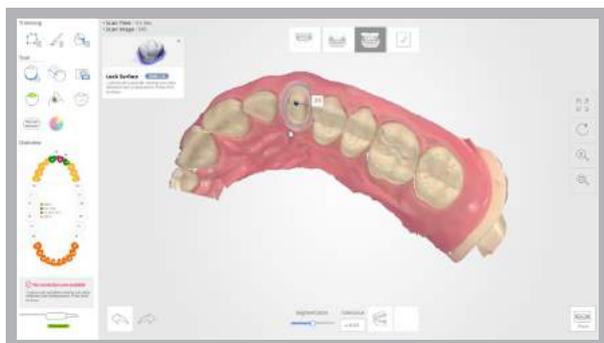
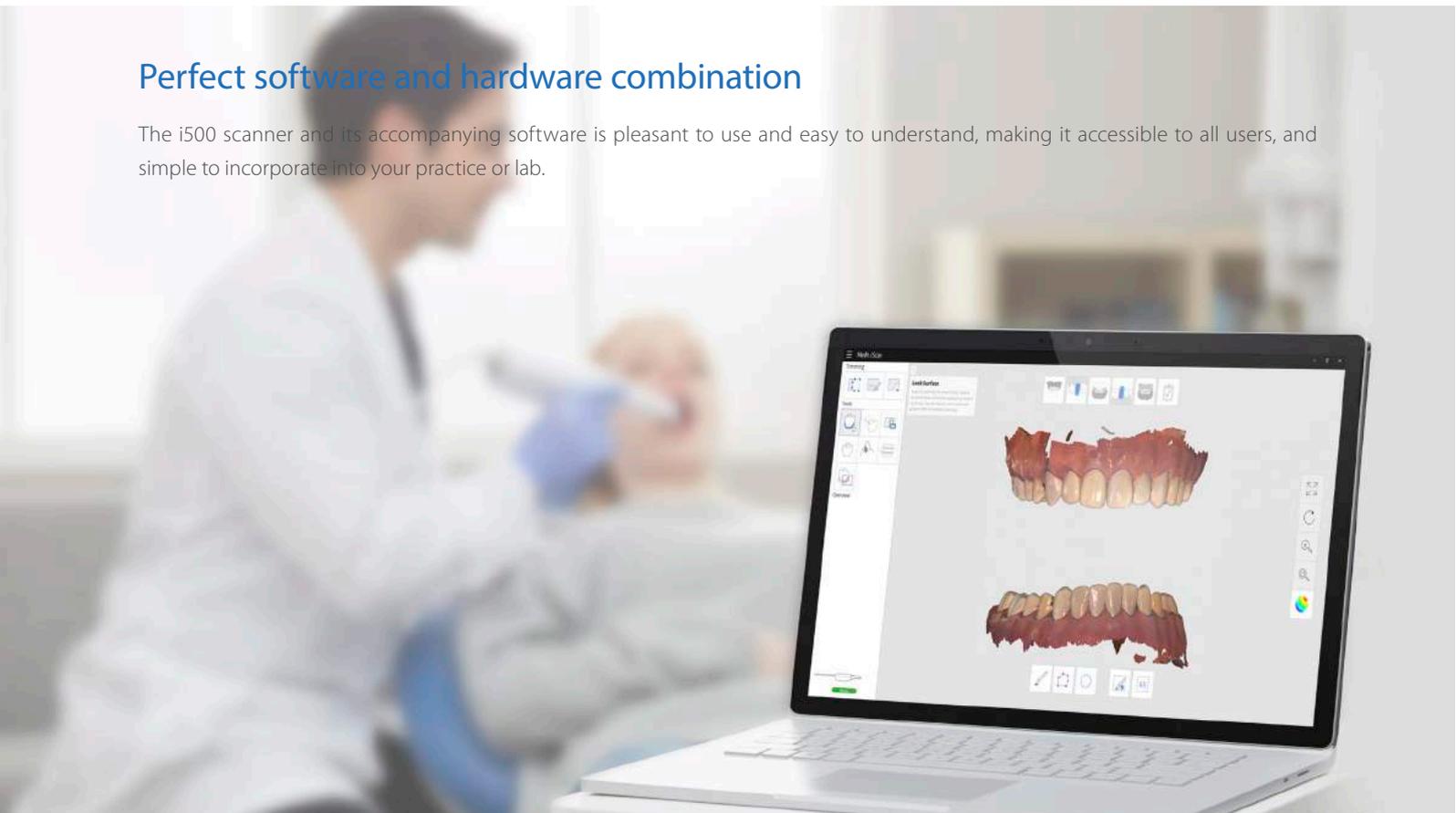
The single button of the i500 allows the user to start and stop the scan at any moment without having to reach for the computer. Press the button down once to start scanning, and another time to stop. When the scan is complete, hold it down to move to the next scanning stage.



# Medit *iScan*

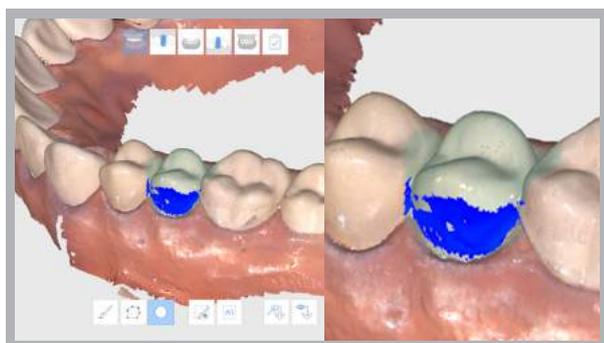
## Perfect software and hardware combination

The i500 scanner and its accompanying software is pleasant to use and easy to understand, making it accessible to all users, and simple to incorporate into your practice or lab.



## User-friendly UI

Our software user interface is intuitive with a streamlined process so you can spend less time on scanning and more time on diagnosing and treating your patient.



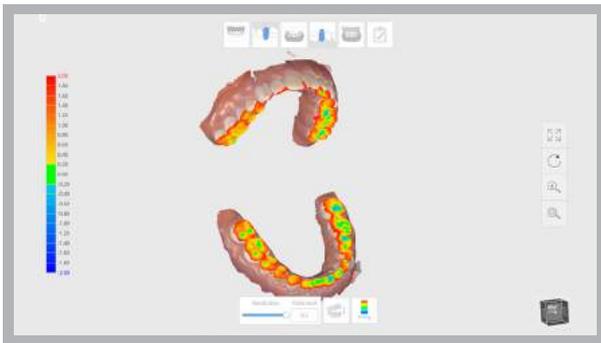
## Undercut Area Analysis

This feature allows you to analyze the undercut area based on insertion direction. You can set the insertion direction via two methods (auto or manual direction).



## Automatic Alignment

The iScan software automatically finds the occlusion with a simple scan of the bite.



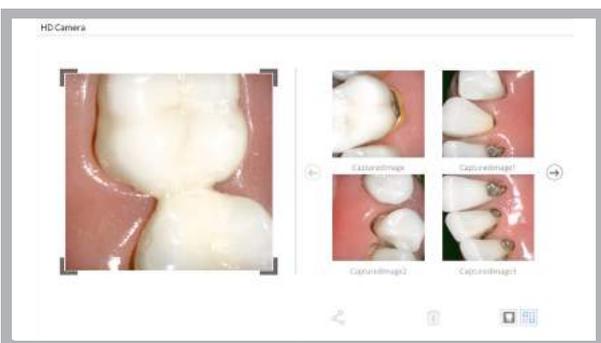
## Occlusion Analysis

The occlusion analysis feature quickly controls and displays the interference between the maxilla and mandible and shows the results with the color map.



## Lock Area

You can lock the scan area by painting it and locked (colored) area will not be updated by further scanning. Use this feature to fix retracted gingiva after immediate scanning as it might collapse. You can still trim the locked surface. Deleted locked surface can be re-scanned.



## HD Camera

You can take 2D images without 3D model and share the images with a laboratory.

# Medit Link

Medit's new workflow management and communication software, Medit Link, was developed to enhance your performance. Its integrated Cloud Storage and open data architecture ensures that your clinic's performance is optimized, while supporting your everyday CAD processes with its real-time workflow management and communication tools.

In addition, Medit Link enables you to stay focused on your important tasks by giving you an overview of your current digital processes and associated costs.



**One Software**  
to connect them all



Dash Board



Analytics



Open Type



Cloud



Communication



Management



## Dash Boards Coming Soon

Medit Link uses user-friendly and effective dashboards so you can access a summarized form of all your data at a glance.

Keep track of all your order information, including relevant costs, scan types and patient visit rates, enabling you to easily manage your performance and communicate effectively with your partners.

## Analytics

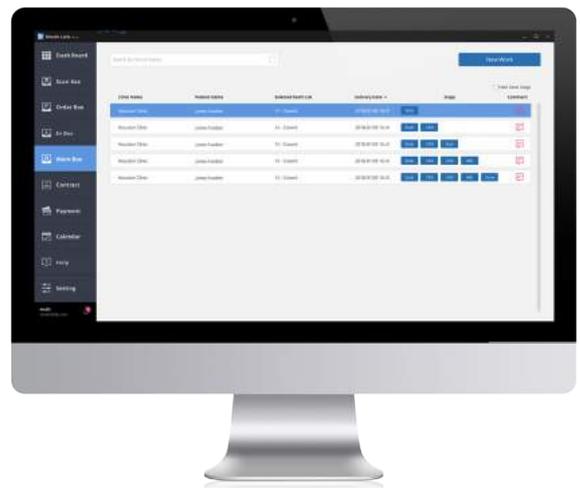
Medit Link also allows you to easily analyze your digital performance. You will never again need to go through stacks of invoices to calculate if your treatment solutions are economically viable for your clinic. You can now get an overview of the costs associated with your digital workflow within seconds, thanks to our integrated analyzation tools.

## Workflow Management

A great aspect of using Medit Link is the ability to manage your entire digital impression workflow through an integrated system.

This allows you to track your orders, organize your scans, and manage your different workstations and employees.

With all of its features catered to the dental workflow, Medit Link is exactly what you need for easy and flawless management.

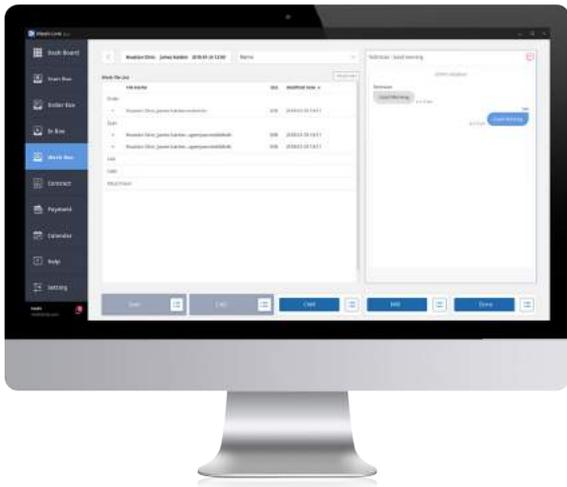


## Cloud Storage

Cloud storage is becoming a basic necessity as files and information go digital. That is why Medit Link is packaged with Cloud storage which provides you with the ideal storage space for all of your patients' files. You can save both digital impressions and patient treatment information securely on the cloud.

This eliminates the need to physically store and organize impressions, allowing you to invest your time and money in treating your patients instead of organizing deliveries and storage facilities.

All data stored in Medit Link is compliant with the HIPAA (Health Insurance Portability and Accountability Act) so you can be assured that your data is safe and protected.



## Easy Communication Coming Soon

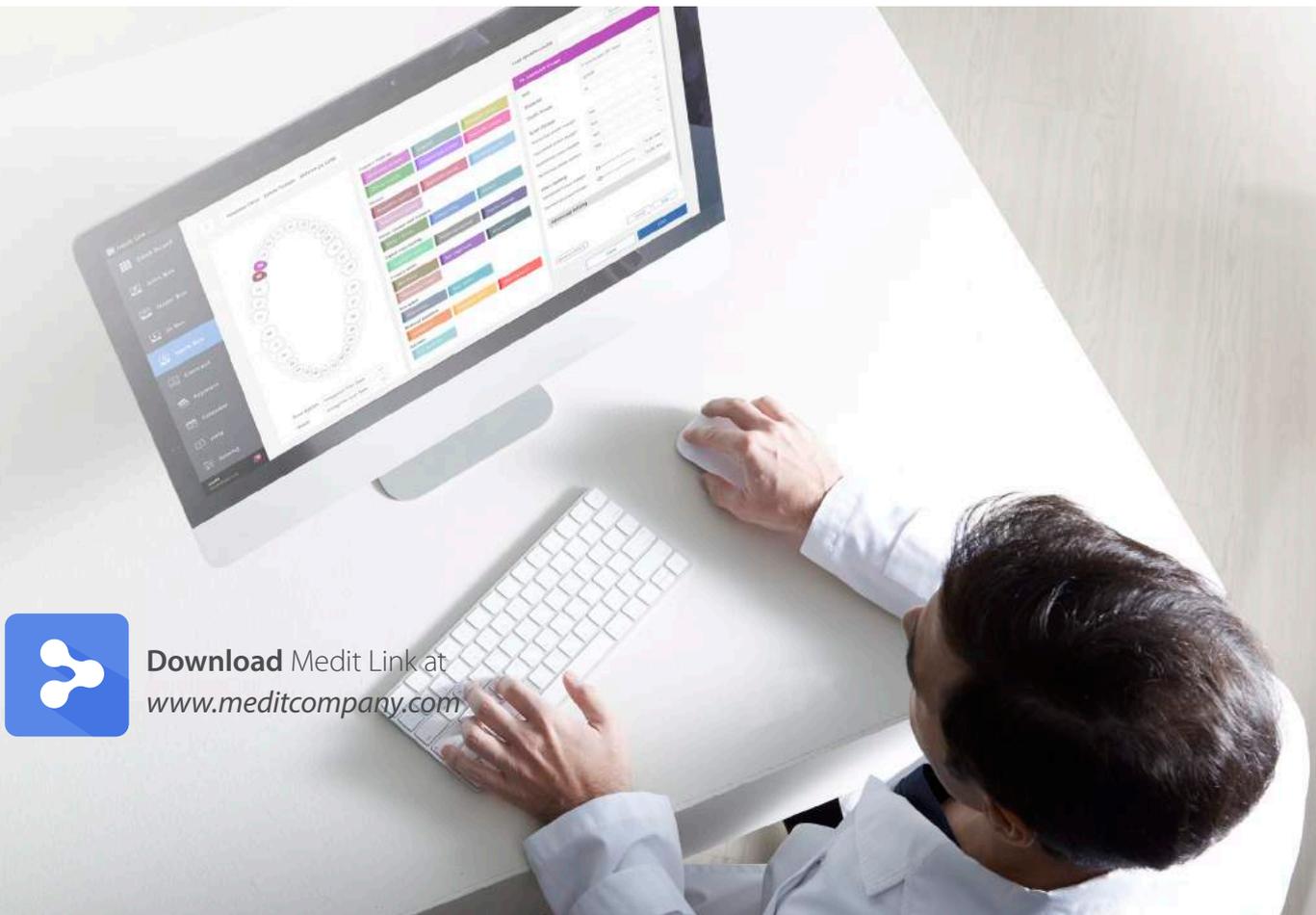
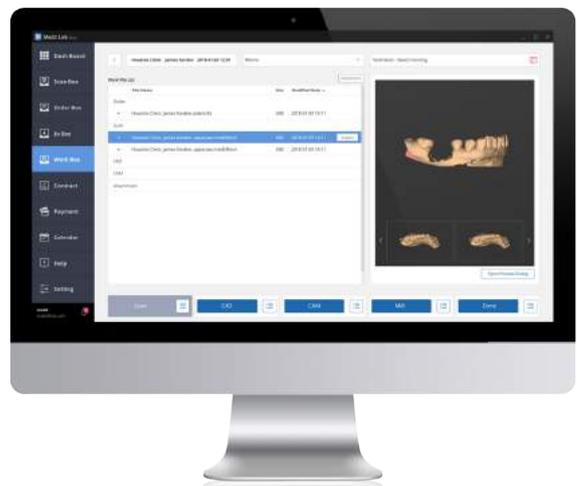
We know how important effective communication is, especially at work. This is why we have developed Medit Link to make communication as seamless as possible between clinics and labs.

By enabling real-time communication between you and your lab, Medit Link ensures that the error rate of your orders is minimized.

You no longer need to be frustrated by the lack of communication hindering your workflow and causing product errors.

## Open STL/OBJ/PLY Data Format

Medit Link allows you to export in STL/OBJ/PLY formats, giving you the freedom to choose your preferred work partner(s). Whether you use the integrated communication and delivery option, or export your files to send it with your own system, Medit Link enables you to work with whoever you choose, in whichever way you prefer.



Download Medit Link at  
[www.meditcompany.com](http://www.meditcompany.com)

# THE EASY ENTRY INTO **DIGITAL DENTISTRY**



## Specification

Category	Description
Tip	18 x 15.2 mm (WxH)
Overall handpiece length	266 mm
Weight	276g
Imaging technology	3D-in-motion video technology
Color	3D full color streaming capture
Connectivity	USB 3.0
Scanning FOV	14 x 13 mm

# 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.