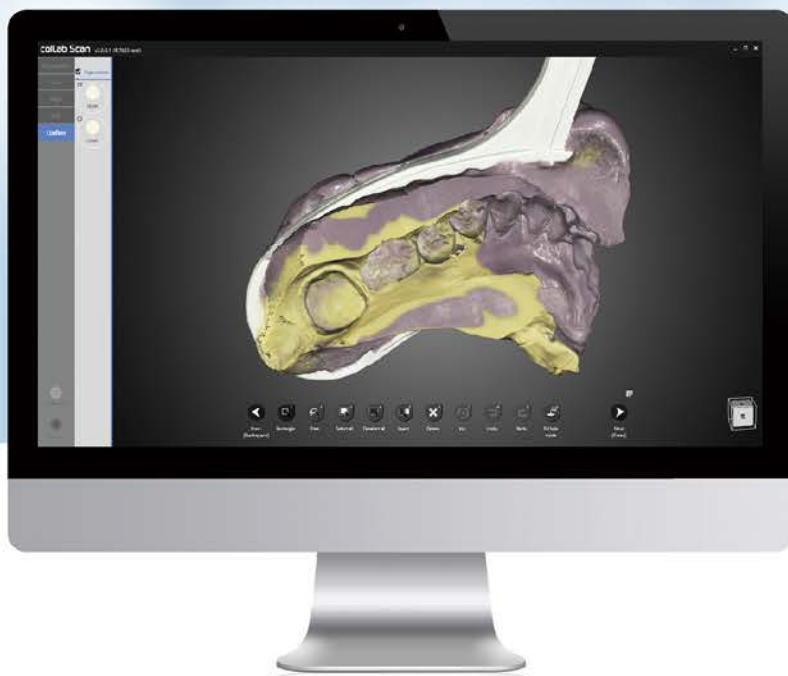


2017
NEW IDENTICA T-SERIES



What's new in T-series? - Everyone's invited.

We designed Identica T-series to meet all of your needs. With a powerful scan engine and affordable pricing, the new Identica T-series is 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 collab 2017 scan software makes scan data processing easy and efficient.

Speed and accuracy with 2MP
Identica T500



Quality & affordability with 2MP
Identica T300



collab 2017 - Increase your productivity with state-of-the-art software technology

collab 2017 is the new name of Identica v2.0 software and it is brimming with new user interfaces and features.



collab 2017



Identica

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

5 reasons to choose Medit **Identica T-series**

1. Superfast scanning

Hardware and software combine to bring your lab the fastest scanner in the dental industry. Medit Identica's exclusive, flexible multi-die provides all in one scanning to dramatically increase your productivity.

3. Next generation impression scanning

Identica's industry leading impression scanning leaps forward with the new Identica 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 you make crowns or inlays using impression scans.

4. Importing and exporting STL in any scan step

You can use the STL you already have as scan data, such as a diagnostic model or a stock abutment. In addition, if you need occlusal scan data, you can extract it by using the export function.

5. Scanner accuracy is where it all starts in CAD/CAM.

7 micron accuracy: ISO 12836

10 micron accuracy: ANSI/ADA Standard No. 132, VDI 2634

2. Extreme reality

Identica T-series captures more details and geometry with higher resolution cameras, merge technology and data processing algorithms.

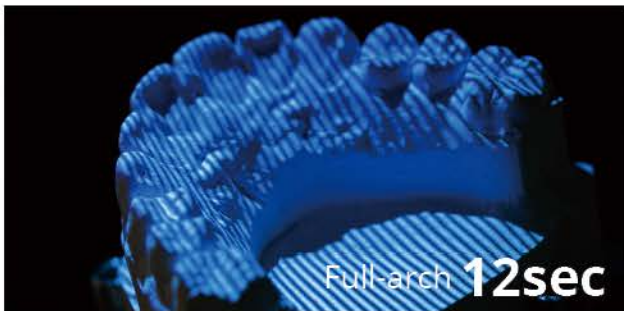


Speed up scanning – Stay top-of-the-line

Identica T500 offers a fast scan engine and highly efficient software algorithm. With the 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 restoration in a day and you have high productivity.

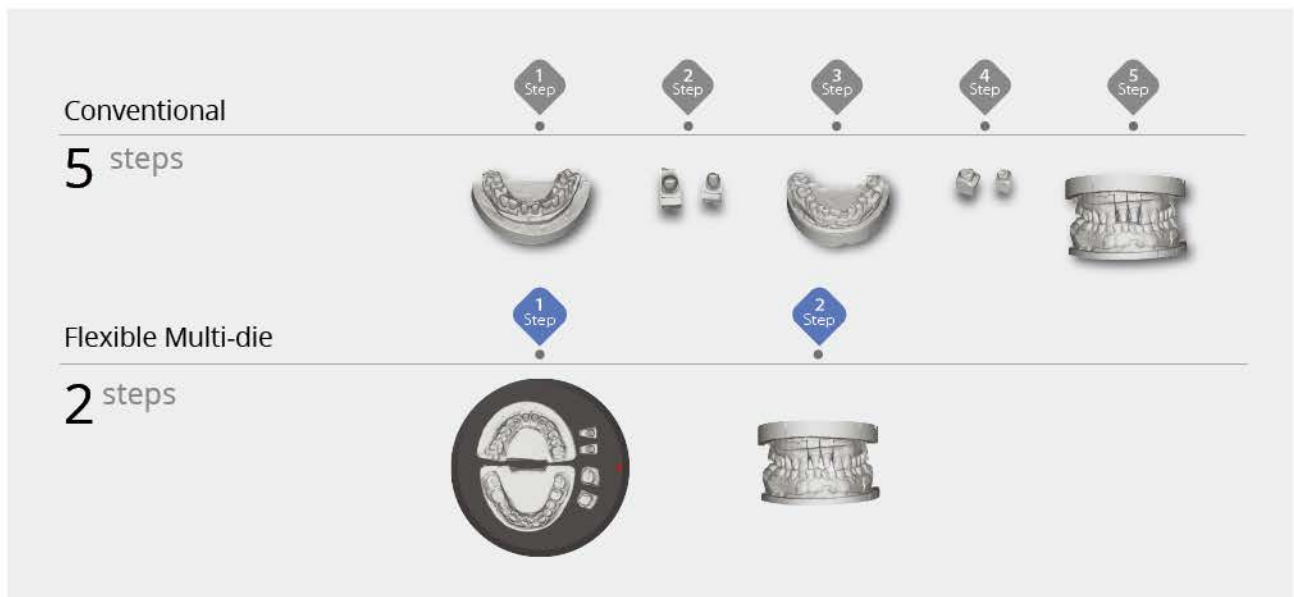
The dental industry's fastest lab scanner

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

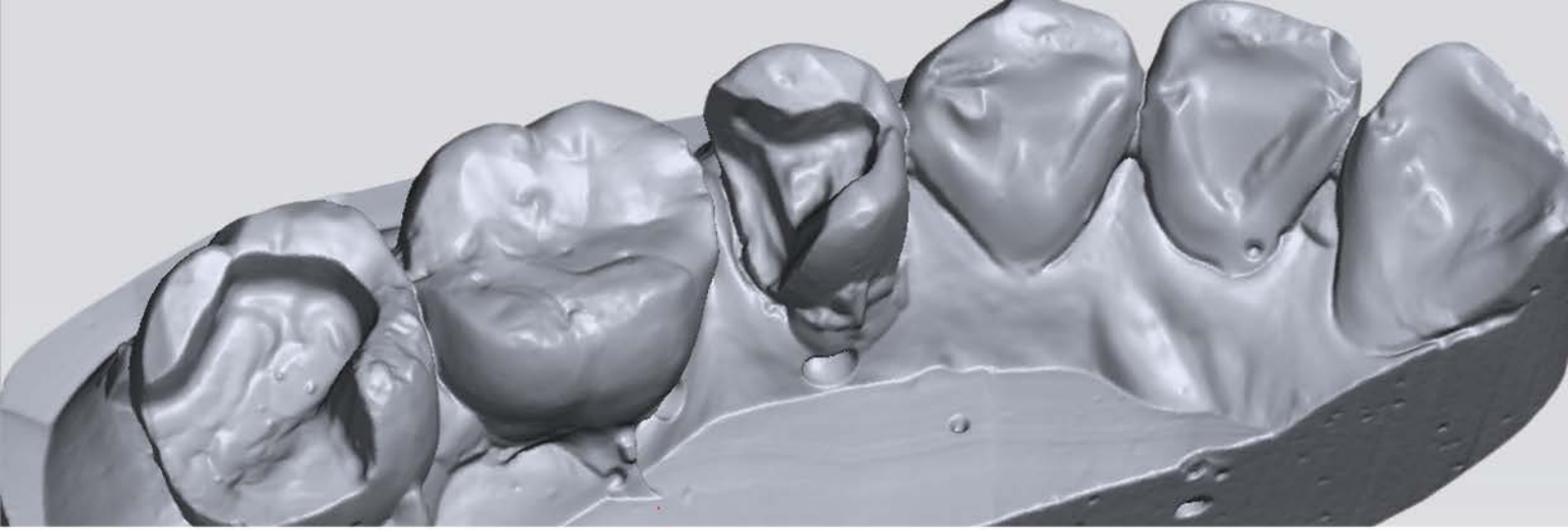


Flexible multi-die

Speed up your workflow by scanning full arch or partials with dies simultaneously. You can complete your work with reduced scanning steps.



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

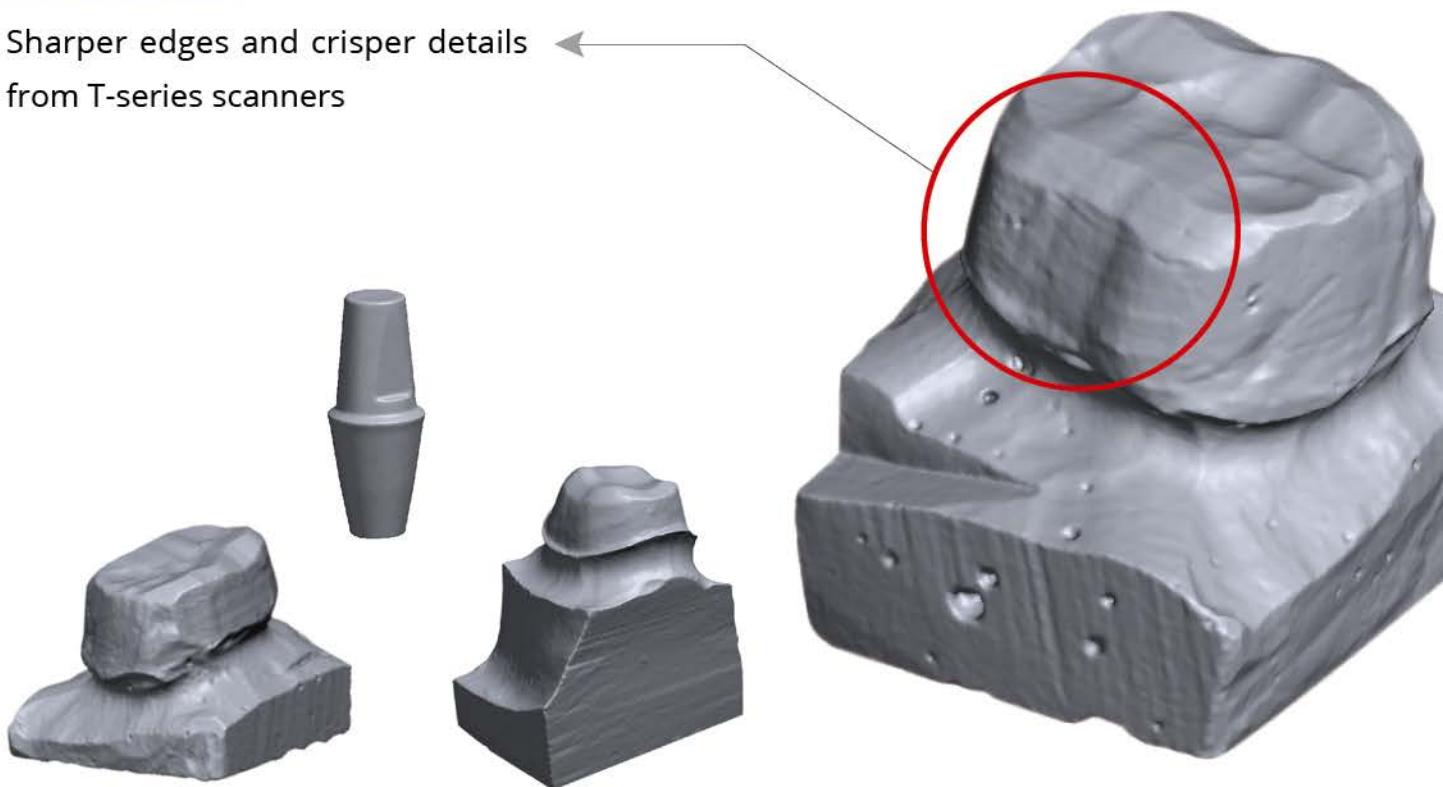


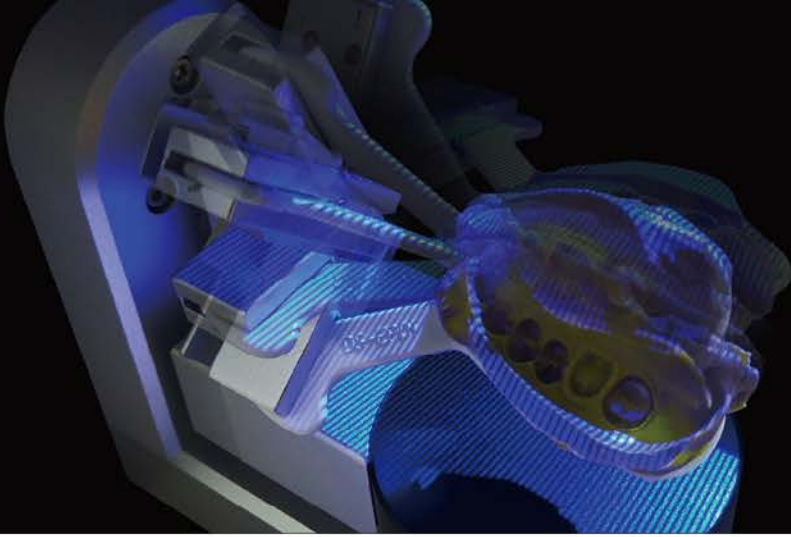
Advanced data processing and higher resolution cameras - Extreme reality

Identica T-series dramatically improves the most important aspects of scanner performance. It has revolutionized detail of data with the state-of-the-art software technology, higher 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 in Identica scanners. For the ultimate in scan data quality, our new T-series presents brilliance of clarity in your work. T-series will save your precious time and money by minimizing trial & error to adjust restoration fits.

T-series scan data

Sharper edges and crisper details
from T-series scanners





Next generation impression scanning

Conceived with 'fully automatic impression scanning' in mind, the Identica Hybrid gained its 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.

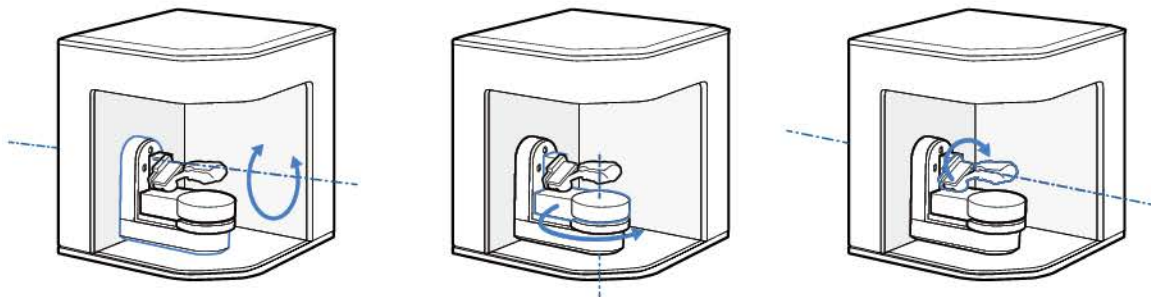
Model free workflow

With our impression scanning capability, in many cases there will be no need to make a plaster model. You can simply scan the impression immediately upon arrival in the lab and begin designing.

Having the option to skip the model making process can save you valuable time and money since there is no need for stone casts or removable dies.

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.

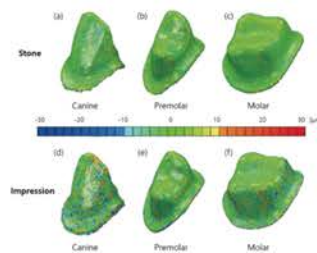


Proven accurate impression data

Impression scanning has not become mainstream due to the lack of precision in the scanning process. Model scanning has always been more accurate. However, with Identica, we can provide the same level of accuracy in both model and impression scanning using the optimized scanning paths for impression scans. Speed up your workflow without compromising precision.

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

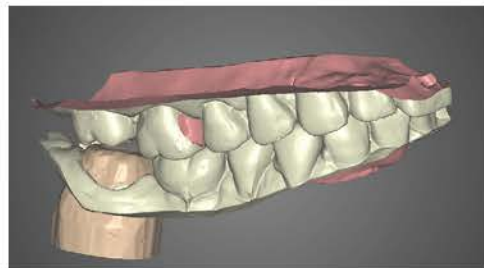
Three-dimensional evaluation of the repeatability of scans of stone models and impressions using a blue LED scanner





Double sided impression and plaster stump - 2nd generation

This feature makes it easy to overcome the difficulty of checking the margin of preparation teeth on the impression. Medit combines data from your stone die with data from the impression scan to provide you with the crisp, accurate margins your work demands. When you scan the individual stone dies of a preparation tooth, collLab aligns and integrates the plaster die data and the double-sided impression data. The result is unprecedented margin integrity.



Full arch tray

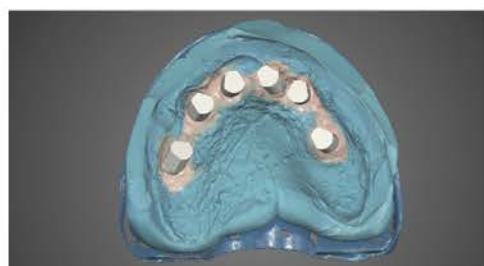
You may not make restorations using double-sided impressions because of accuracy concerns. To achieve higher accuracy you may want to use a full arch metal tray impression for maxillary and mandible, and use traditional bite material to align them. However, the alignment is not accurate because the traditional bite material can be distorted. To solve this problem, we use double-sided impressions to align maxillary and mandible. T-series has a 3-axis arm for automatic double-sided impression scanning so you don't need to manually flip the double-sided impression. The result is an easy and accurate double sided impression scan and bite alignment.



Scanning implant position from an impression Next generation

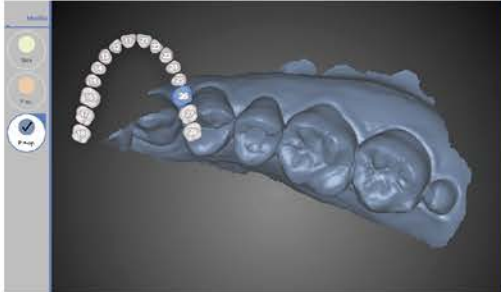
Using an implant analog type scanbody, the system can get the patient's oral model and implant position without making the plaster model from the implant impression.

- Patent obtained in Korea with 2013(10-2015-0041465), and worldwide patent pending.



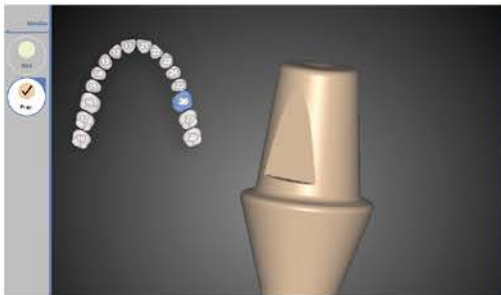
Importing and exporting STL in any scan step

You can use the STL data that you already have in any scan step, such as a diagnostic model or a stock abutment. In addition, if you need an STL file of the occlusion scan data, you can extract it by using the export function in collab scan software.



Importing STL data obtained from an IOS as a diagnostic model

When you have IOS scan data of pre-preparation teeth, you don't need to create a separate diagnostic model and scan data. The patient's scan data can be imported and used for alignment and merging with other scan data in the diagnostic model scan step.



Importing a stock abutment's STL data in high resolution

When scanning a model with stock abutments, it is possible to import the existing high-resolution STL data of the abutment and align and merge it with other scan data without having to scan the stock abutment separately at the scan stage of preparation teeth.



Importing STL data of a previously scanned antagonist arch

If the same antagonist teeth are used for the same patient's case, existing STL data can be reused. This eliminates the need for additional antagonist teeth scans.



Importing STL data of preparation teeth from another scanner

When scanning unsectioned models, the adjacent teeth can be scanned with a desktop model scanner accurately. However, it is very difficult to scan the preparation tooth of a solid model with a desktop scanner. Instead, it can be easily scanned with a hand-held scanner and combined with scan data from the desktop scanner to create perfect scan data of the unsectioned model.



Exporting only occlusion scan STL data when required

When you need an STL file of occlusion scan data, which is usually used for aligning the maxillary and mandible without being saved separately, you can use the exporting function to easily extract the occlusion data as an STL file.

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

We understand that CAD/CAM begins with the accuracy of the scanner. We have made it our mission to build reliable scanners with precision you can count on.

The most demanding bridges, implant and bar designs require the highest accuracy. Identica meets your needs. Using state-of-the-art blue light scanning technology, Identica is able to capture the highest quality scans with accuracy within <7 microns according to ISO 12836, <10 microns according to ANSI/ADA Standard No. 132, and <10 microns according to VDI 2634.



ISO-12836

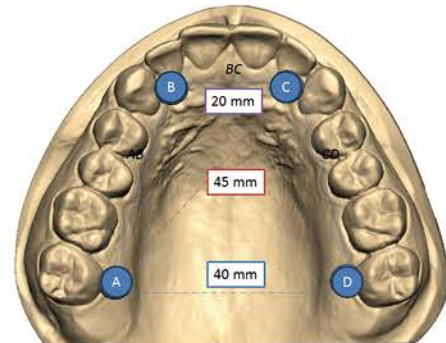
ISO 12836 specifies test methods for the assessment of the accuracy of digitizing devices for computer-aided design/computer-aided manufacturing (CAD/CAM) systems for indirect dental restorations.

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 picture-giving 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 partner for the German business community and scientific organizations.





Evolved convenience of hardware and software for productivity

Flexible grip - Hold what you need, right where you need it

Flexible grip provides an easy, quick mounting of single dies and full arches on the flexible multi-die. This bundled accessory is designed to "hold what you need, right where you need it". Releases easily by hand with no sticky residue left on your workpiece.



Holds vertically



Holds upside down and releases easily by hand

Touch Sensor - Convenience at your fingertips

Identica'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. No need to touch the keyboard or mouse to start scanning.

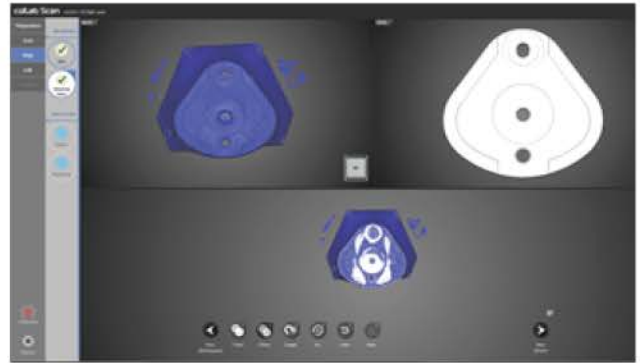
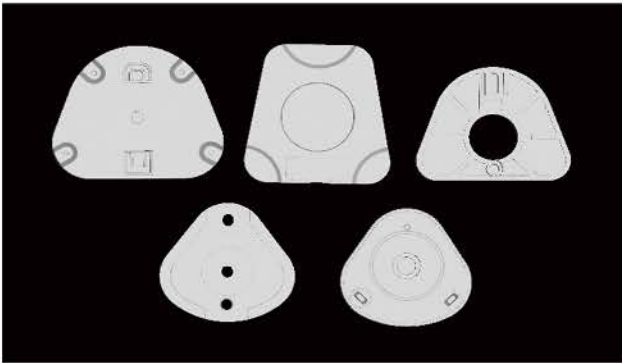


Most versatile virtual articulators integration

Alignment to virtual mounting plate

This is Identica exclusive function. When using articulators such as KAVO, ARTEX, SAM, MARK330, BIOART A7+ and you wish to link it with the virtual articulators, you can do it without any special jigs for them.

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 and no need for special jigs.



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



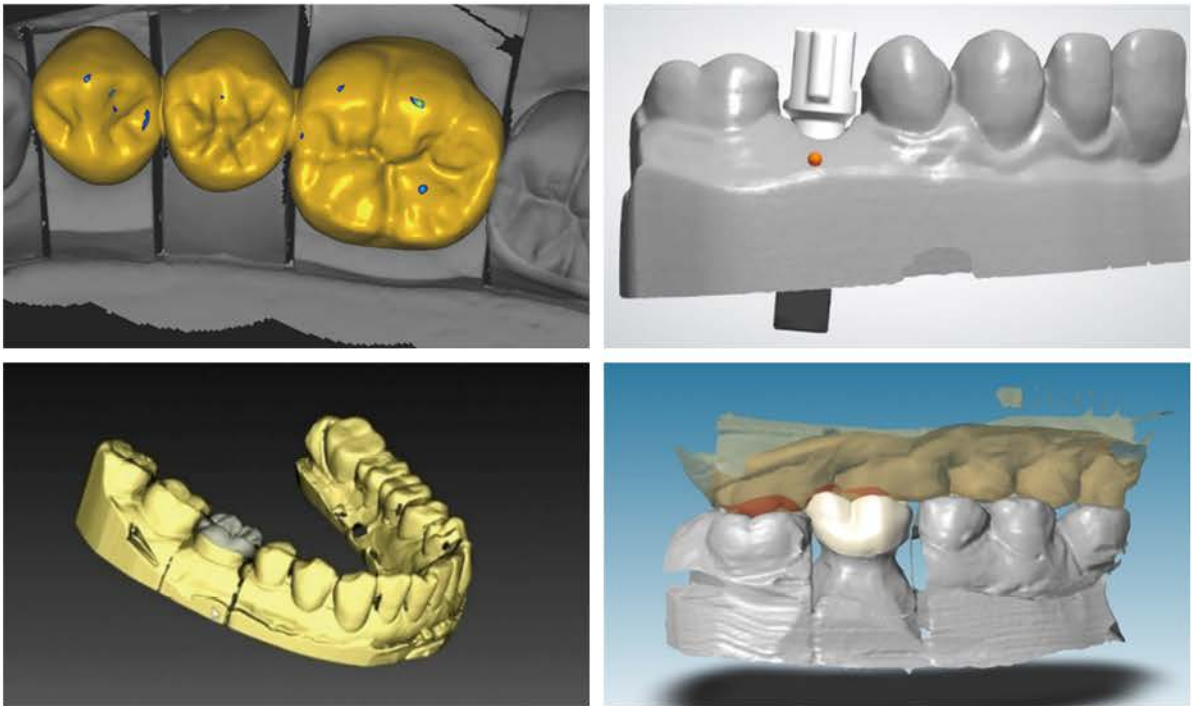
KAS jig - The Smart 3-in-one jig

If you need to use KAVO, ARTEX or SAM articulators, KAS jig is the way to go. One jig supports three smartly.



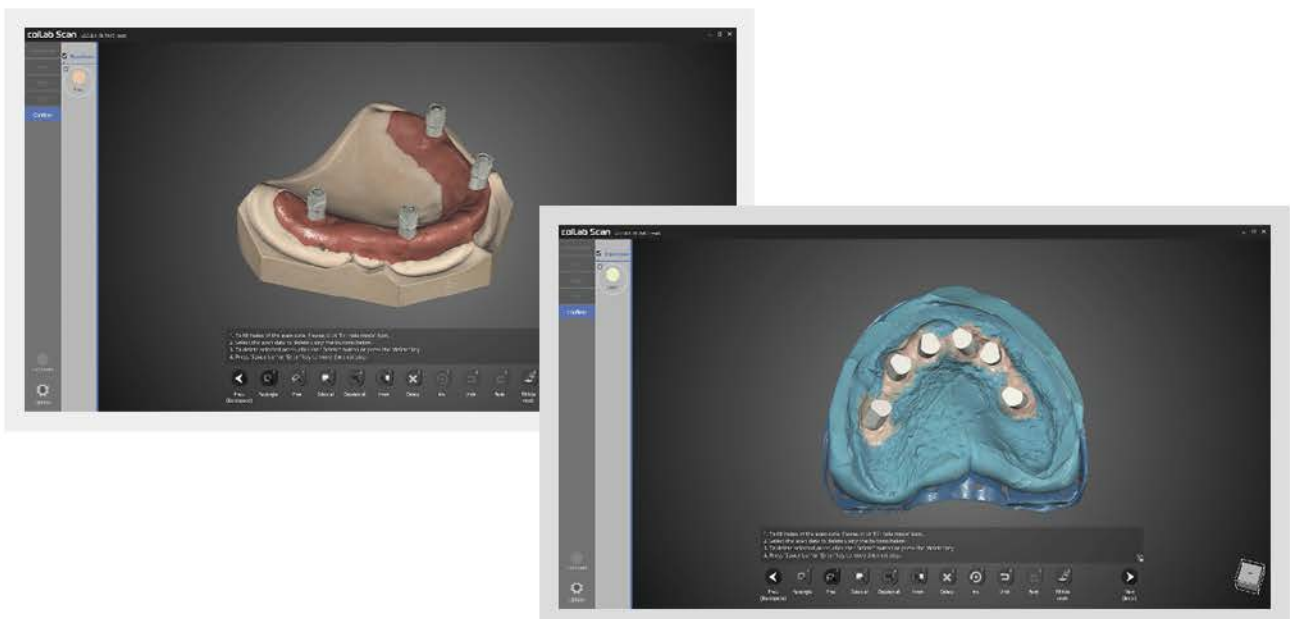
Integration with various CAD softwares

Identica scan data can be used in a wide range of software giving you design flexibility.



Advanced precise color texture

The latest technology captures vivid color texture scans without the need for an additional color camera. Capture hand marked margins or notes in color with Identica.



Various strategies for Implant case scanning

Previously, multiple implant cases could not be scanned if you only had one scan body. With Identica collab software you can use a single scan body to capture multiple implant locations.

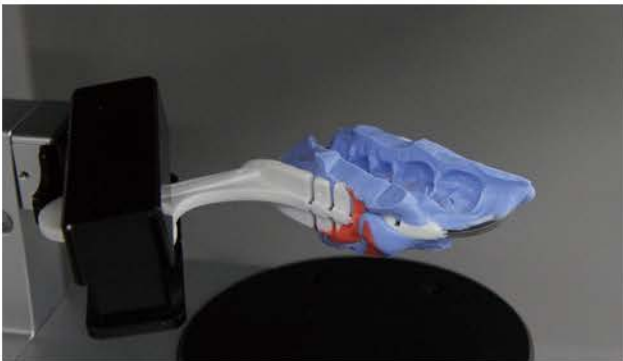
If you have enough scan bodies you don't need to scan twice to capture the base and scan body separately. The scan body can be extracted from a single scan that contains both the base and scan body which saves you time.



Projector conservation mode – Extend the life of your scanner

Projector lifespan is an important consideration when choosing a scanner. When the scanner is left on but not in use, scanner life is reduced and electricity is wasted. To reduce the impact this has on the projector lifespan, Medit has developed the innovative projector auto stop and start system. It couldn't be simpler. When the Identica 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



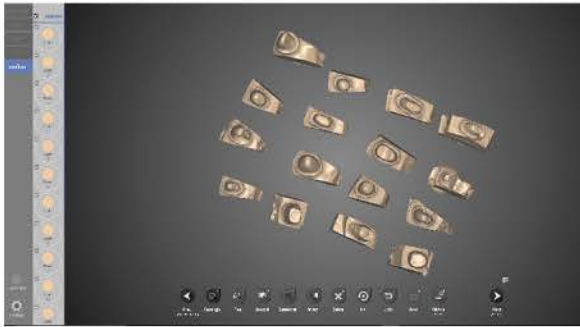
Auto start - projector light is on



colLab 2017

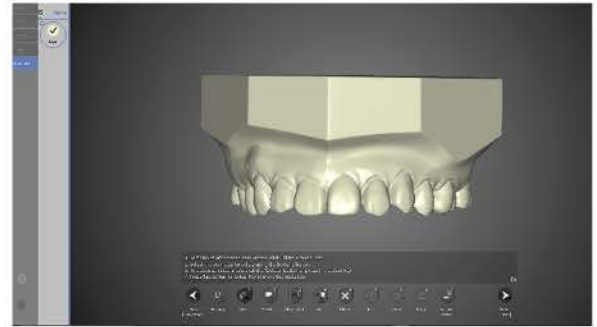
Our next-generation scan software, colLab 2017 makes the scanning work-flow as productive as possible by providing Identica users with new scan strategies and optimum scan data quality.

Flexible multi-die 16



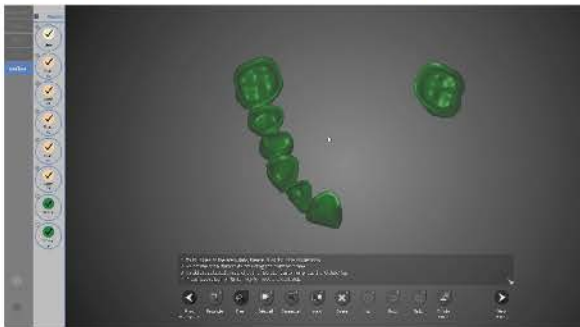
Existing multi-dies can scan 8 dies. To improve productivity, our exclusive Flexible multi-die has been redesigned to double capacity up to 16 dies.

Interproximal area scan for orthodontics



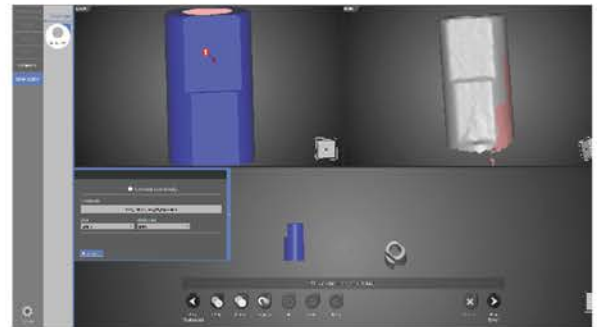
Capture important interproximal areas with colLab software and an Identica scanner.

Wax-up bottom surface scanning



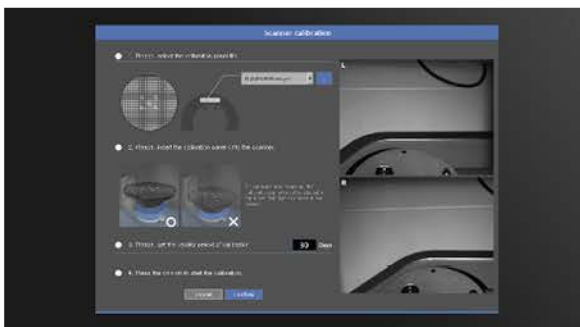
Optimized functionality with wax-up bottom scanning allows you to scan both the extrados and the intrados of a wax-up to perfectly copy the pontic area for much more accurate design

Exporting implant position file



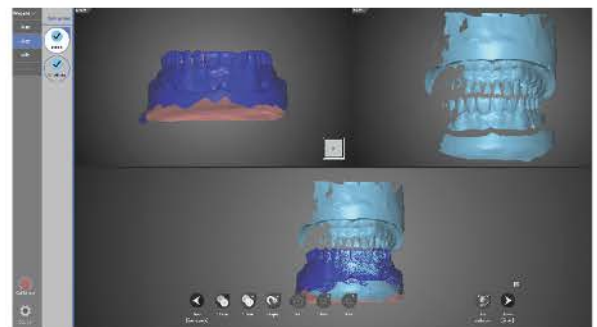
Independent implant position detection functionality ensures correct placement of implants. Due to this function, various CAD programs and implant positions can be linked.

Calibration at anytime



The new calibration UI in colLab 2017 lets you easily check calibration status at any time. Also, schedule calibration reminders to maintain optimum accuracy in your lab.

Flip the occlusion scan data



The new feature "Flip Occlusion" will give you more freedom when scanning the occlusal up-side down by reversing the occlusion to its standard orientation

Model & Specs

With Identica T-series Medit engineering added improvements and features that build on our award winning line of scanners.

| Category | | Identica T500 | Identica 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 | |
| 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 |
| Warranty | | 4 years* | 2 years |

* 2 years warranty plus 2 years free' spare part.

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.

MEMO
