With us you have the technology under control and a free hand in your practice

Dios®4.0

MEDIT

Dios®4.0 Direct Intraoral Scanning









Digital precision does not have to be out of financial reach

The innovative intraoral scanner combines all the benefits of digital scanning technology and is available at an unbeatable price. Reap the benefits of lifelike colour scans, realistic, accurate and detailed images, and maximum openness during data exchange, all delivered at a remarkable speed.

We are one of Germany's leading suppliers of CAD/CAM dental materials and a provider of digital solutions. It stands to reason that laboratories, dental technicians and dentists all over the world put their faith in us. We don't just offer state-of-the-art technology, we also provide expert advice to ensure that you get the very most out of the latest digital innovations. Our team is made up of experienced CAD/CAM specialists who all have the necessary expertise to advise you on the right application to suit your needs. We would be delighted to support you as you shape the digital future of your practice.

We make today's complex digital technology easy.



Why DiOS[®] 4.0?





High ROI

We created the DiOS[®] 4.0 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 DiOS[®] 4.0 uses an open CAD/CAM system, allowing you to export STL files and share it with your prefered lab, or to easily transfer files and track your progress throughout the entire workflow.



Impressive speed

Using two high-speed cameras, the DiOS[®] 4.0 scans quickly and efficiently. With its intelligent scan detecting algorithm, the DiOS[®] 4.0 picks up where it left off for a smooth scanning experience.



Powderless

The DiOS[®] 4.0 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 DiOS[®] 4.0 is beneficial to both the user and the patient through simpler maneuverability and improved patient comfort.



High resolution

The DiOS[®] 4.0 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.



Accuracy

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

Precision (Consistency) = 2.1 μ m (±0.58 μ 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".

Full Arch: Trueness (Accuracy) < 50 µm

* The reference model for 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 DiOS[®] 4.0 as it takes rapid videobased scans, capturing more data in a short period of time. The resulting image taken by the dual cameras is hence smoother and more detailed.



Lightweight

Scanning can be uncomfortable and tiring, especially if you're using a heavy scanner. But we have eliminated that problem with the DiOS[®] 4.0 scanner which is light in weight and easy to hold, making the process a comfortable one for you.



Vivid color

The DiOS[®] 4.0 scanner produces precise-colored scans which can distinguish between soft tissue, plaque and tooth stumps.



Single button control

The single button of the DiOS[®] 4.0 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 for approximately 3 seconds to move to the next scanning stage.







Perfect Software and Hardware Combination

Using the DiOS[®] 4.0 and its accompanying software is a pleasant experience. It is easy to understand for all users, and it is simple to incorporate the system into your practice or lab.



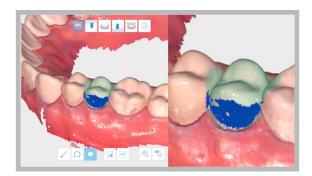
User-friendly UI

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 DiOS® 4.0 scan software automatically finds the occlusion with a simple scan of the bite.

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Occlusion Analysis

This feature displays any interference between the maxilla and mandible on an easy-to-read 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

It is easy to take 2D images with 3D model data and share them with a laboratory.









The easy entry into digital dentistry



Specification

Category	Description
Tip Size	19 x 15.2 mm (W x H)
Overall handpiece length	266 mm
Weight	276 g
Imaging technology	3D-in-motion video technology
Color	3D full color streaming capture
Connectivity	USB 3.0
Scanning area	14 x 13 mm
Scan depth	17 mm

DiOS is manufactured by MEDIT

CLOSE TO YOU

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