



reddot design award



DiOS[®] 4.0

Direct Intraoral Scanning

CLOSE TO YOU

DIOS[®] 4.0

Direct Intraoral Scanning



Digital precision has its price – and ours is the best

The innovative intraoral scanner is available at an unbeatable price and brings together all the advantages of digital impressions.

Benefit from lifelike color scans, realistic and accurate images, maximum openness in terms of data exchange and tremendous speed.

As a leading German supplier in the field of dental CAD/CAM materials and digital solutions, we enjoy the trust of laboratories, dental technicians and dentists from all over the world. To ensure you can benefit optimally from this digital progress, we offer not only state-of-the-art technology, but also the corresponding expertise.

**» We make today's complex digital
technology easy.«**

Our team comprises experienced CAD/CAM specialists and delivers the expertise concerning the proper application right to your fingertips. Let's shape the successful digital future of your practice together.



» The System is easy and sophisticated to use.
An introduction in the main functions does
not take more than 50 minutes. You'll never
want to scan differently again – **and that's
a promise!** «

Stefan Glaser,
Head of Technical Sales

Follow us
on YouTube
to find out
more about
Stefan and
his team!

YouTube



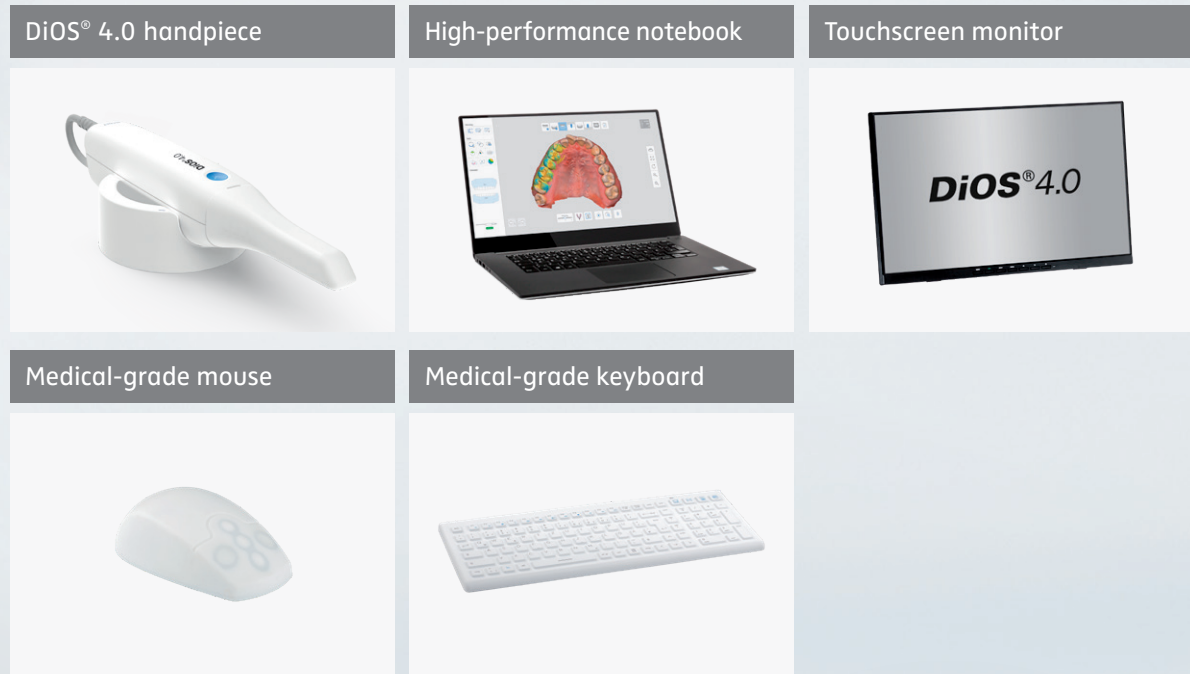


DIO S[®] 4.0

MEDIT



The DiOS® system at a glance



» It was important to us to offer an open system without license fees. **That keeps everything simple!** «

Vanessa Freiberger,
CAD/CAM specialist

DiOS® 4.0 handpiece + cable, DiOS® 4.0 transport cap, 4 autoclavable scan tips, calibration device, table mount, wall mount, USB 3.0 cable, medical-grade adapter and power cable, USB stick (with Meditlink software pre-installed), operating manual



DIOS[®] 4.0

Direct Intraoral Scanning



ScanScooter

Top mobility in practice

- Medical-grade surfaces are easy to disinfect
- Drawer for storing the notebook, cooling pad and cable
- Swiveling keyboard for optimal interaction with the patient
- Infinitely height-adjustable allowing standing and sitting tasks
- Smooth rollers for all floor coverings

The simple introduction to digital dentistry

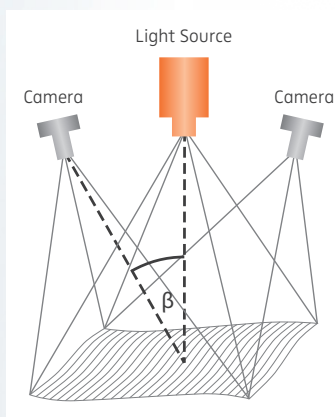
Technical data	
Category	Description
Scan tip size	19 x 15.2 mm (W x H)
Handpiece length	266 mm
Weight	276 g
Imaging technology	3D-in-motion video technology
Color	3D full color streaming capture
Connectivity	USB 3.0
Scanning area	14 x 13 mm
Scanning depth	12 – 21 mm

Accuracy

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

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«. Ji-Man Park, 19 December 2018

Scan method



- Dual Camera Blue LED Projector
- Images are added, not overlaid
- No moving parts in the scanner
- Optical triangulation

With the DiOS® 4.0 we are offering you an innovative intraoral scanner which **brings together all the advantages of digital impressions** – and that at an unbeatable price.



Vivid colors



Maximum flexibility



High return on investment



Small tip



Impressive speed

Quadrant: < 30 sec.
Full arch: < 90 sec.



Extremely high resolution

Single-tooth precision: $3.2 \pm 0.49 \mu\text{m}$
Full arch precision: $22.6 \pm 7.55 \mu\text{m}$

DiOS® 4.0

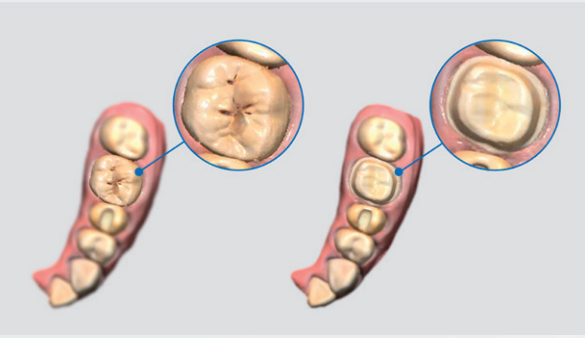
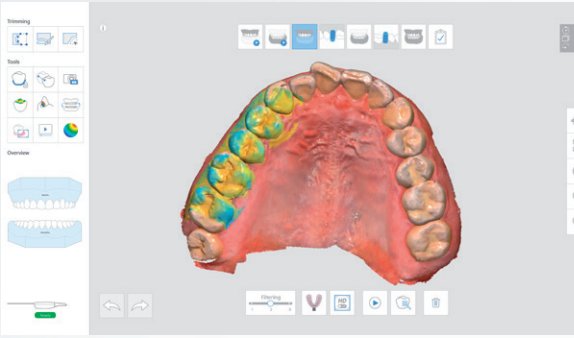
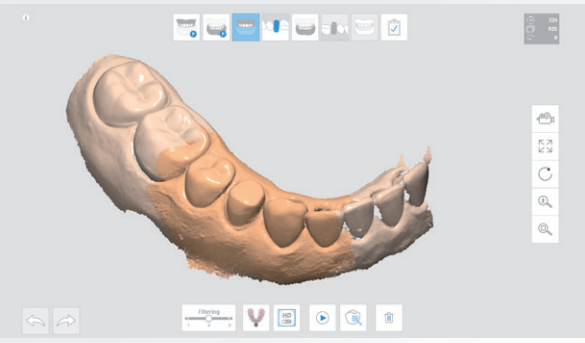
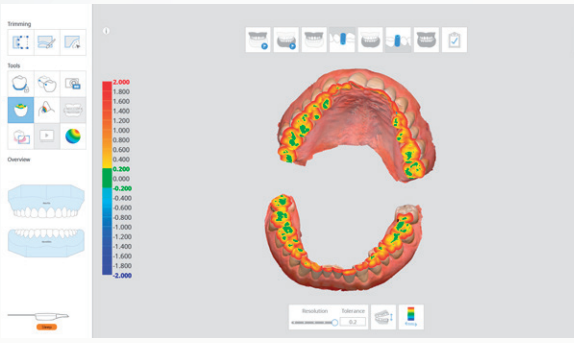


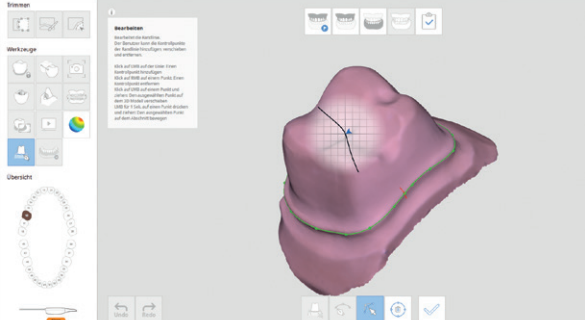
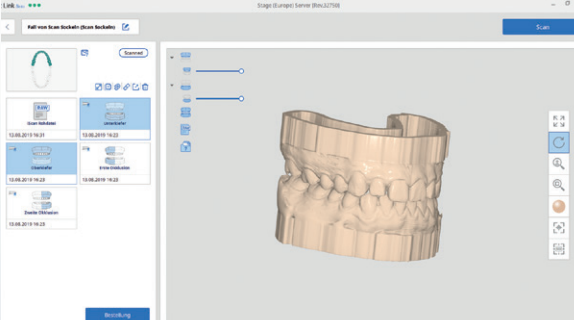
Direct Intraoral Scanning

DiOS® 4.0

Direct Intraoral Scanning

Perfect combination of hardware and software

The use of the DiOS® 4.0 and the corresponding software requires only minimal training and matches seamlessly into your existing practice workflows.

<h3>Pre-preparation scan</h3> 	<h3>Impression scan</h3> 
<h3>High-resolution scan in Full HD</h3> 	<h3>Occlusion analysis and distance analysis</h3> 
<h3>Scan replay function</h3> 	<h3>HD camera for high-resolution photos</h3> 
<h3>Determination of preparation margins</h3> 	<h3>Creation of model files</h3> 

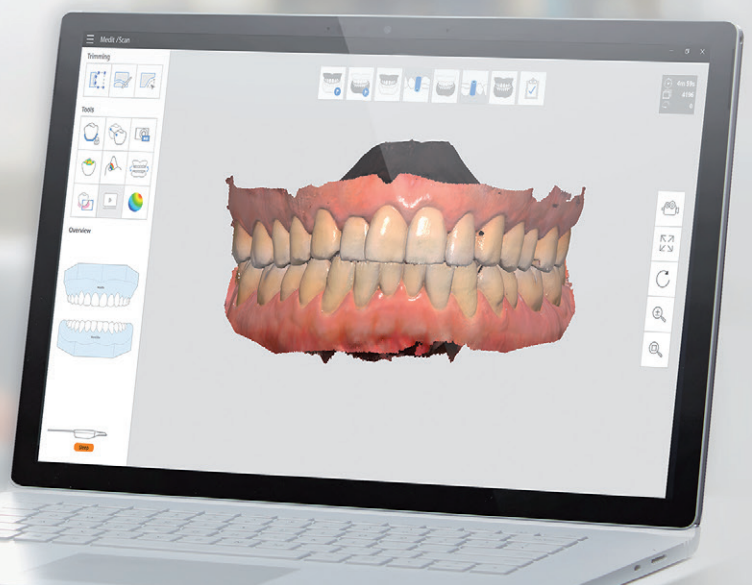
We make today's complex digital technology easy

Benefit from our expertise and find out everything you need to know in training sessions run by our experienced CAD/CAM specialists.

Digital dentistry from Ostwestfalen-Lippe in Germany. For more than 20 years.

Profit from the symbiosis of material and digital skills that we offer. Let us head into the digital future together.

**We are the partner on your side.
Your CAD/CAM team.**



DIOS® 4.0



<https://www.facebook.com/DentalDirektGmbH>
https://www.instagram.com/dental_direkt_gmbh
https://www.linkedin.com/dental_direkt_gmbh
<https://www.youtube.com/user/DentalDirekt>

The devices, materials, and accessories delivered may vary slightly in their design from the images depicted.

Rev. 01 August 2019

CLOSE TO YOU

Dental Direkt GmbH | phone: +49 5225 86319-598
e-mail: vertrieb-cadcam@dentaldirekt.de | www.dentaldirekt.de

