tioLogic®

tioLogic® digital.

The complete solution for the CAD/CAM processes from Dentaurum Implants.

DENTAURUM IMPLANTS

tioLogic© digital.

tioLogic© digital. from Dentaurum Implants provides a coordinated complete solution for CAD/CAM processes on tioLogic© implants.

The product range includes all data and original components for the fabrication of customised, one-piece abutments, hybrid abutments as well as bar and bridge restorations with CAD/CAM technology using certified materials „MADE IN GERMANY – MADE BY DENTAURUM“.

Download data records

Data records for all software providers.

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CAD/CAM components

Original components direct from the manufacturer.

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Manufacturing Centres

Certified manufacturing centres as partners.

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Download data records.

At **www.dentaurum-implants.de/cadcam**

Dentaurum Implants provides a download service for tioLogic© CAD/CAM data records for **3shape, dental wings** and **exocad** and integrates them into the respective software.

The data records were created and verified in collaboration with these manufacturers.

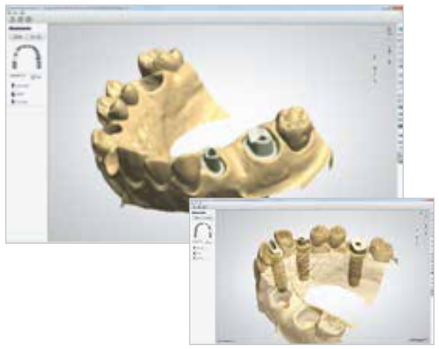
The download will begin after selection of the relevant software provider. The download contains all data for every type of restoration as a complete package:

- Customised one-piece abutments
- Hybrid abutments
- Bar and bridge restorations

Download data records

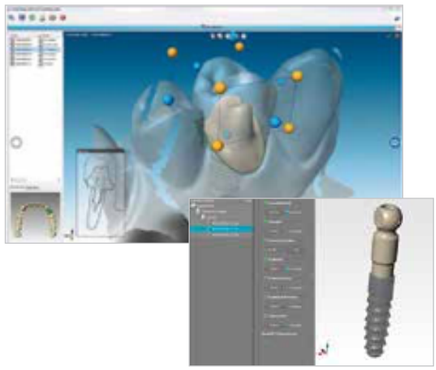
Abutment Designer™

The Abutment Designer™ is used to model the full anatomy of the jaw, used directly in the abutment design, to enable visualisation of the results and achieve optimal aesthetics.



DWOS

DWOS enables the design of customised abutments in only a single step taking into consideration all clinical and aesthetic details.



exocad DentalCAD

exocad DentalCAD is an easily operated CAD system for dental applications. Designing screw-retained bridges, crowns and caps is easy using the exocad implant module.

CAD/CAM components.

CAD/CAM components

The scan abutments were specially designed for precise digital recording of the geometry directly on the implant shoulder.

Original tioLogic® CAD/CAM titanium blocks are available for the manufacture of individual one-piece abutments for manufacture both in-house and off-site in manufacturing centres certified by Dentaurum Implants.

Titanium bases are used for the fabrication of customised hybrid abutments for adhesively bonding CAD/CAM zircon oxide ceramic meso-structures. The geometry of the titanium bases was specially designed to ensure a reliable, aesthetic bond with the ceramic mesostructure.

The scan caps for bridge and bar restorations guarantee user-friendly, precise transferal of the scan data for fully digital creation of bridges and bar restorations directly on the tioLogic© bridge, bar and AngleFix series of abutments.

CAD/CAM components.

One-piece abutments.

CAD/CAM titanium blocks for customized one-piece abutments.

The use of original CAD/CAM titanium blocks enables patient-specific and highly precise prosthetic restorations without adhesive bonding – cost-effective and quick. The provision of titanium blocks from Dentaurum Implants guarantees a perfect connection to the tioLogic© implant. tioLogic© CAD/CAM titanium blocks are available in all three prosthetic series of abutments S, M and L for the tioLogic© implant system. The accompanying scan abutments have been specially designed to ensure precise digital capture of the geometries in the respective software.

Two-piece abutments.

CAD/CAM titanium bases for customised hybrid abutments.

The geometry of the titanium bases has been designed for aesthetic, reliable adhesive bonding with the ceramic mesostructure. tioLogic© CAD/CAM titanium bases are available in all three prosthetic series of abutments S, M and L for the tioLogic© implant system. The accompanying scan abutments have been specially designed to ensure precise digital capture of the geometries in the respective software.

CAD/CAM components.

Bars.

CAD/CAM bar abutment scan caps for customized restorations on bar abutments.

The CAD/CAM bar abutment scan cap has been designed to ensure precise, three-dimensional capture of the bar abutment geometries. A particular feature of this scan cap is that the geometry is digitally captured directly on the bar abutment, which ensures very high precision. The laser marking ① clearly assigns the bar abutment scan cap to the bar series of abutments. The fitting surface for these scan caps on the bar abutments is identical for the S, M and L (ø 4.5 mm) series of abutments.

Bridges.

CAD/CAM bridge abutment scan caps for customized restorations on bridge abutments.

The CAD/CAM bridge abutment scan cap has been designed to ensure precise, three-dimensional capture of the bridge abutment geometries. A particular feature of this scan cap is that the geometry is digitally captured directly on the bridge abutment, which ensures very high precision. The laser marking ② clearly assigns the bridge abutment scan cap to the bridge series of abutments. The fitting surface for these scan caps on the bridge abutments is identical for the S, M and L (ø 4.1 mm) series of abutments.

CAD/CAM AngleFix

abutment scan caps for customized restorations on AngleFix abutments.

The CAD/CAM AngleFix abutment scan cap was designed to ensure precise, three-dimensional capture of the AngleFix abutment geometries. A particular feature of this scan cap is that the geometry is digitally captured directly on the AngleFix abutment, which ensures very high precision. The laser marking ③ clearly assigns the AngleFix abutment scan cap to the AngleFix series of abutments. The fitting surface for these scan caps on the AngleFix abutments is identical for the S, M and L (ø 5.3 mm) series of abutments.

CAD/CAM components.

*tio*Logic® implant system supported in:

CAD/CAM Zenotec system.

tioLogic© titanium bases for the Wieland Zenotec system are the interface between the tioLogic© implant and highly aesthetic prosthetic restoration fabricated using CAD/CAM technology. The tioLogic© titanium bases and the Wieland Zenotec scan bodies are specially coordinated for fitting to the tioLogic© implant system and are available in all 3 prosthetic series of abutments (S - M - L) of the tioLogic© implant system via Wieland Dental + Technik.

WIELAND DENTAL

ZENOTEC

Fabricate customized abutments for the tioLogic© implant system digitally using the ceramill system.

ceramill m-plant is an upgrade module for the Ceramill Mind design software and updates it with the function of designing customized hybrid abutments (e.g. from titanium and zircon oxide) and then fabricating them using the Ceramill Motion. Durable, stable fit of the abutment in the implant is guaranteed by adhesive bonding of the tioLogic© titanium base and the abutment.

The tioLogic© scan abutments and CAD/CAM titanium bases are available in all 3 series of prosthetic abutments (S - M - L).

AMANNGIRRBACH

ceramill m-plant

CAD/CAM components.

tioLogic® Implant system compatible with:

CAD/CAM CEREC System.

The tioLogic® titanium base CEREC for use with the Sirona inLab system enables CAD/CAM manufacture of hybrid abutments for aesthetic prosthetic restorations. The tioLogic® titanium bases are specially coordinated with implants from the tioLogic® implant system and are available in all three prosthetic abutment series (S-M-L). Sirona Dental System customers must order the scan body from their Sirona partner.

Manufacturing centres

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Complementary prosthetic components
of the Dentaurum Group.

remanium® star

One alloy.
Three processing technologies.
One premium quality.

Dentaurum´s non-precious remanium® alloys have been a synonym for quality in prosthetics for decades and millions are in use. In order to offer all users of new technologies the possibility to keep processing our well-proven and clinically tested alloys, our CoCr alloy remanium® star is now available in the same quality for three processing technologies:

- Casting
- Milling
- Laser melting

The ceraMotion® range of ceramics.

ceraMotion® ceramic has been specially designed for the remanium star® and rematitan® alloys and guarantees high bond strength and easy processing for a high-quality result.

The ceraMotion® concept provides a uniformly structured range of ceramics incorporating veneering ceramics and press ceramics. The Touch Up special ceramics complement the base range of the ceraMotion® main ranges and enable not only excellent aesthetics but also save time due to easier processing.

A build-up technique suitable for all framework materials and maximum shade stability provide for reliable veneering.

Dentaurum Group

Germany I Benelux I España I France I Italia I Switzerland I Australia I Canada I USA
and in more than 130 countries worldwide.

DENTAURUM
QUALITY
WORLDWIDE
UNIQUE

➲ For more information on our products and services, please visit www.dentaurum.com

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