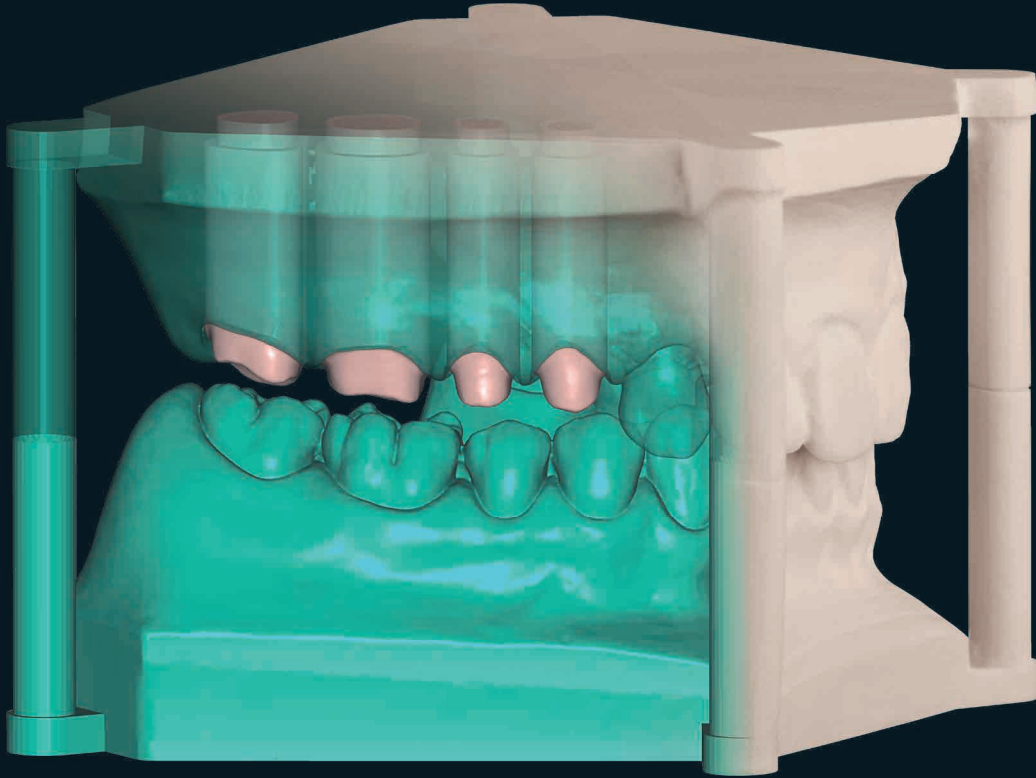


**Zirkonzahn<sup>®</sup>**

*Human Zirconium Technology*



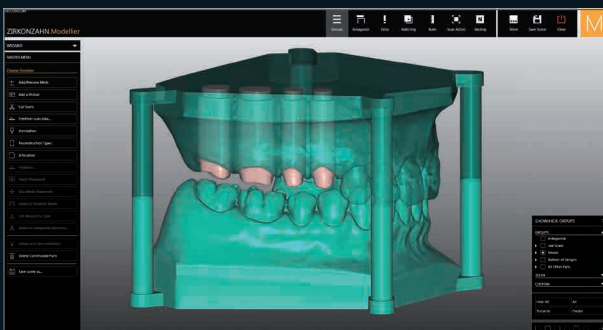
## **CAD/CAM MODEL MAKER SOFTWARE MODULE**

*Models from intraoral scan data, impression scans or model scans*



## THE PLASTER ROOM GOES DIGITAL

*Dentists are increasingly sending intraoral scans and impression scans to laboratories. However, to verify the fit of the dental restoration in the laboratory, a model is essential. With the CAD/CAM Model Maker software module, models can be digitally created from intraoral scan data, impression scans or model scans. In the software it is possible to combine different model types with each other and to select a variety of base plates. The realisation of the CAD planning data is carried out with the milling unit or the 3D printer. A high manufacturing precision ensures the necessary accuracy of the models. Short milling times and a high manufacturing precision can be achieved with the Zirkonzahn CAD/CAM system by marking on the digital 3D model those areas that need to be worked out with particular precision. In other areas, large quantities of material can be quickly removed with the CAD/CAM 6 T PMMA milling bur. The material blanks required for the production of the models are available in different versions, according to the milling unit.*



*With the CAD/CAM Model Maker software module, models can not only be digitally designed, but also articulated. If the digitally articulated model is planned with positioning pins, the occlusal height will also be applied on the milled model.*

# PERFECT IN COMBINATION WITH THE ZIRKONZAHN.IMPLANT-PLANNER

*With the Zirkonzahn.Implant-Planner software, the dentist determines the optimal implant position on the basis of X-ray data, intraoral scans or impression scans. This enables the dental technician to expand his range of services, providing the dentist with a comprehensive package that includes implant model, surgical guide, custom impression tray and immediate restoration. The model provided with ScanAnalogs serves to check the fit of the surgical guide or the immediate restoration.*



*If an impression is taken after placing the implants in the mouth, ScanAnalogs can be screwed onto the impression copings and scanned together with the impression. The captured situation can be directly transferred into the software without a plaster model. Physical implant models can then be fabricated from the data obtained.*



## THE CAD/CAM MODEL MAKER SOFTWARE MODULE

*Module for the manufacture of different physical models (e.g. Geller models, models with implant analogues, dies, full-arch bridges) based on intraoral scan data as well as impression scans and model scans*

- *Customised setting of the parameters (distance between model and die, model thickness etc.)*
- *Automatic margin and undercut identification (ditching)*
- *Creation of positioning pins for transferring the digitally recorded occlusion into the laboratory articulator*
- *Creation of recesses for fixing the models in the occludator (mini articulator)*
- *Personalisation of the models with characters and logos*
- *Exportable data for manufacturing models with 3-D printers*
- *In combination with Zirkonzahn.Implant-Planner: service package for the dentist consisting of implant model, impression tray, surgical guide and temporary restoration*

## HUMAN ZIRCONIUM TECHNOLOGY

*Zirkonzahn Worldwide – Tel +39 0474 066 680 – info@zirkonzahn.com – www.zirkonzahn.com*

*Up to 20 full-arch bridges can be manufactured in the M4 Wet Heavy Metal milling unit in one milling process.*



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