



- A** Archiv
- S** Scan
- M** Modellier
- M_F** Modifier
- I_P** Implant-Planner
- N** Nesting
- F** Fräsen
- H** Help
- U** Update

ZIRKONZAHN.SOFTWARE – OVERVIEW

A

ZIRKONZAHN.ARCHIV

- *The intelligent menu helps to create and organise the various cases in a well-arranged manner; creation of sub-projects possible*
- *The name of the dentist, the patient, the dental technician and the kind of restoration can be saved and displayed again at any time*
- *If desired, patient photos and 3D face scans can be imported via Drag & Drop function*
- *3D viewer as well as several display options are integrated*
- *Custom-specific parameters and individual databases can be stored with unencrypted data*

S

ZIRKONZAHN.SCAN

- *By registering the lab articulator, models are displayed in the correct position in the virtual articulator and the reference planes are shown*
- *All current articulators are digitally stored*
- *Digital articulation and retransfer into the physical articulator*
- *Fast working: Parallel calculation of other data during the scanning process*
- *Scan & Match function: Scanning an element from various perspectives and subsequent matching of the scans*
- *Possibility to match all available patient data: (photos, 3D facial scans, converted X-ray data, intraoral scan data)*
- *Intelligent data import/export function with open interface*

M

ZIRKONZAHN.MODELLIER

- *For the digital designing of all dental restorations*
- *Numerous software modules available*
- *All modules are compatible with PlaneSystem®, Plane Analyser and Face Hunter*
- *Implementation of vast libraries (implant systems, attachments, bars, tooth libraries)*
- *All current data formats can be imported, processed and exported*
- *All reference planes are automatically transferred from Zirkonzahn.Scan*



ZIRKONZAHN.MODIFIER

- *Software for the virtual tooth set-up with new set-up concepts and extensive individual design options*
- *Natural pairing of upper jaw teeth and lower jaw teeth*
- *Newly designed virtual articulator room: Simulation of different occlusal concepts (e.g. sequential movement according to Slavicek) and of natural abrasion patterns*
- *Ortho-preview! Preview of tooth movements including visualisation of the gingiva*
- *Multi-view management for the individual combination of different situation views*
- *Simulation of static face scans as 3D animated mouth movement*



ZIRKONZAHN.IMPLANT-PLANNER

- *3D implant planning software on the basis of matched patient data (DICOM data, intraoral scans, model scans and 3D facial scans etc.)*
- *Compatible with open DICOM data of any CT and CBCT device*
- *Import and export of scan data as well as open data formats (STL, OBJ, OFF, etc.)*
- *Implant libraries with implant-prosthetic components for all common implant systems as well as drilling sleeve library*
- *Module for converting DICOM data into STL data and module for impression trays*
- *Version for dentists with all function-relevant tools for implant planning*
- *Version for the lab: implant planning, surgical guides; CAD-interface*



ZIRKONZAHN.NESTING

- *Axis-oriented nesting programme for the ideal positioning of dental restoration data in the milling blank*
- *Realistic representation of coloured materials*
- *Economical, material-optimised and time-saving strategies; optical simulation of the result*
- *Faster milling path calculation with "Parallel Calculation" function*
- *Collision Detection function*
- *Mechanical adjustment of the friction with telescopes without manual post processing*
- *STL import function with manual adjustment of important parameters*
- *Creation of individual blank libraries*

F

ZIRKONZAHN.FRÄSEN

- *Milling software with intelligent milling algorithms for very precise milling results*
- *Improved 3D visualisation of the whole milling process and of single milling unit components*
- *Simplified, intuitive use thanks to user interface with Drag & Drop function*
- *Creation of user profiles; individual blank libraries out of Zirkonzahn.Nesting can be implemented*
- *Optimised calibration procedure with virtual axis adjustment*
- *Intelligent “Stop & Go” milling with memory function*
- *Smart reminder for maintenance intervals*
- *Optimised tool management and optical tool detection*

P_P

ZIRKONZAHN.PARTIAL-PLANNER

- *Software for partial dentures*
- *Automatic blocking out of the model in the defined path of insertion*
- *Workflow integration: Already designed structures can be imported and modified (e.g. telescopic structures)*
- *Free design of clasps, retentions, supports and basic connections with various surface textures*
- *Digital structure libraries*
- *Import of pontics and shaping of the metal protective support for the insertion of milled veneers*

T_R

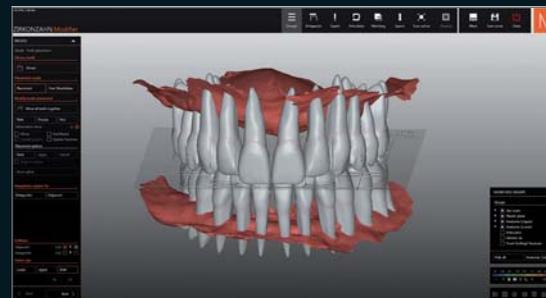
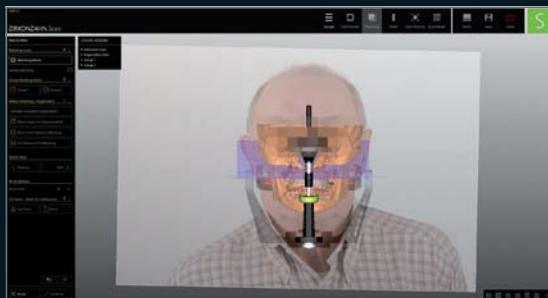
ZIRKONZAHN.TRAY

- *Step-by-step guided, open software for the fabrication of individual impression trays*
- *Open STL data format – compatible with various manufacturing types (e.g. 3D printing) and systems*
- *Individual design possibilities (edges, dimensions, retentions, recesses) possible*
- *Adjustable tool sizes for rapid design*
- *Various holders and holder sizes can be selected*
- *Labelling function – Holder can be personalised with lettering*

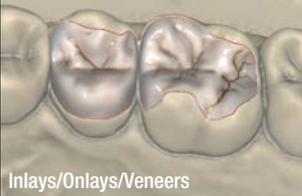
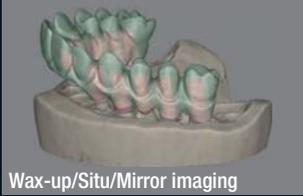
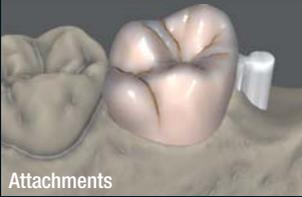
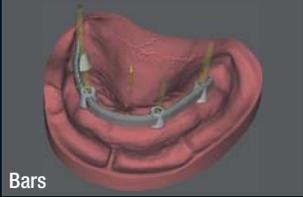
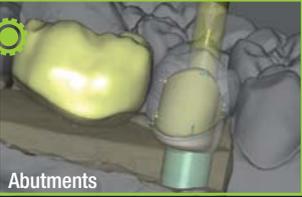
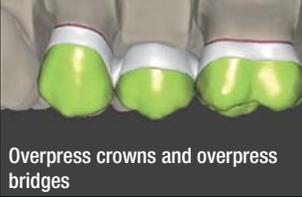
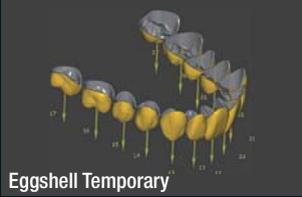
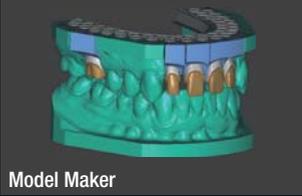
ZIRKONZAHN.SOFTWARE

When developing the Zirkonzahn.Software we adapted the strict standards of our proven products to design and functionality of our software. The user interface is clearly structured, has a simple design and is the same for each software component, which makes it the cornerstone for a familiar and reliable application. When it comes to the creation of different features, our developing team, which obviously includes also dental technicians, follows a practical and result-oriented principle, which guarantees the greatest possible freedom of choice and processing. Furthermore, complex technological processes are designed in a comprehensive and transparent way. The user can decide whether he wants to use a step by step guide or if he wants to proceed individually.

The different software programmes with the corresponding modules are not only matched to each other but also to the related hardware components. This ensures a 100% smooth work process for the dental technician and the dentist – from the patient registration, articulation, modellation, realisation, to the insertion of the restoration in the patient's mouth. Proven manual and digital working techniques can be combined in order to achieve the best possible patient care.



CAD/CAM SOFTWARE MODULES FOR ALL ZIRKONZAHN MILLING UNITS

| | | | | | |
|-------|--|--|---|--|--|
| BASIC |  |  |  |  |  |
| |  |  |  |  |  |
| |  |  |  |  |  |
| |  | | | | |
| | <p> Only works in combination</p> <p> Is recommended as unit</p> <p> Is recommended as unit</p> <p> Additional modules</p> | | | | |

All information is subject to change. Errors and omissions excepted. Version: 06/03/2019

