

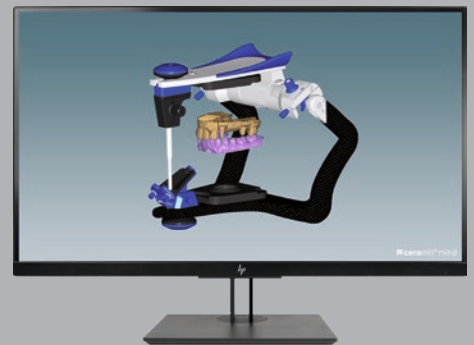


AMANNGIRRBACH

DIGITAL
LAB EQUIPMENT

 **ceramill®**

THE INHOUSE MOVEMENT®



CERAMILL PUTS THE CREATIVE WORK BACK INTO YOUR LABORATORY.
CAD/CAM PRODUCTION IN YOUR LABORATORY HAS NEVER BEEN SO EASY AND PROFITABLE.

BENEFITS

- _ Redeems expenditure in record time thanks to the massive savings achieved per unit
- _ Full value creation inhouse in the laboratory
- _ Seamless working processes with perfectly coordinated system components
- _ System concept for hardware and software components safeguarded in the future
- _ Open for external data (STL) from third-party systems (scanner, intraoral etc.)

FUNCTIONAL PRECISION CHAIN.

PRECISION MODEL

PRECISION TRANSFER



zebris FOR ceramill®

The digital facebow

- _Provides the basis for practically every indication in dentistry
- _Simple, intuitive, wireless workflow
- _Digital data transfer to the CAD/CAM system



artex® cr

Precise, stable and proven 1,000 times over

- _Provides all functions for analysing the free spaces and excursion patterns
- _Variable sideshift function for transversal clearance, adjustable
- _Light and stable due to carbon construction for optimum handling



giroform®

Precision models - fast and cost-effective

- _Outsmarts gypsum expansion and thus saves time-consuming grinding
- _Time savings by manufacturing the dental arch in only 6 minutes (working time)
- _Fault-free basis for digitalisation



ceramill® map 600

The high-performance scanner for open articulator scans

- _Integrated, universal fixator for all common types of articulators ensures maximum flexibility
- _Intelligent scan height control for optimum model alignment in the scan field offers the highest possible process reliability
- _HD scan via 3D sensor with blue light technology and variable resolution guarantees optimal and reproducible results
- _DNA Speed Scanning enables a full jaw scan with unrestrictedly usable results in only 18 seconds



Creates open STL data

DESIGN (CAD) VIRTUAL OCCLUSION



ceramill® mind

The intelligent design software

- _ High saving in time thanks to intuitive workflow according to dental technology logic
- _ Perfectly coordinated with scan and CAM processes to guarantee a continuous workflow
- _ Virtual Artex CR with an unlimited range of functions
- _ Automatic user guidance for maximum process safety and easy operation
- _ Future-safe due to continuous expansion of upgrade modules



ceramill® match 2

CAM software - easy, quick, precise

- _ Easy positioning and alignment of designs in the blank
- _ Quick calculation of the milling paths
- _ High performance milling, grinding, carving, thrilling due to DNA grinding/milling strategies
- _ Innovative machining processes enable maximum value creation (e.g. rotary milling of titanium, machining of full dentures)
- _ Maximum surface quality due to HD milling



ceramill®
DNA GENERATION

ceramill® mikro

4- or 5-axis milling unit for dry millable materials

- _ Maximum range of indications in the 4/5-axis dry milling/grinding category
- _ Fast and efficient thanks to control and milling strategies optimised for dental applications
- _ Monocoque design guarantees absolute stability and low-vibration processing



ceramill®
DNA GENERATION

ceramill® mikro ic

4-axis wet processing with speed function

- _ Patented Carving and Thrilling grinding technology - for up to 60% time savings when processing glass/hybrid ceramics and grinding individual block abutments
- _ Intelligent machine concept with high-performance, super-high-frequency spindle for maximum speed with the highest precision
- _ Special holder concept for easy handling and highest degree of accuracy when processing hard materials



Reads STL data (open),
sends STL data (open)

Compatible with:

- _ iTero® intraoral scan data
- _ All other, unencrypted STL data



Reads STL data (open),
sends STL data (open)

Compatible with:

- _ Dental Wings®, 3Shape®
- _ All other, unencrypted STL data



Processes and produces
STL data (open)



Processes and produces
STL data (open)



ceramill® motion 2

**5-axis wet and dry processing
- versatile and future-proof**

- _Maximum range of materials and indications
- _Innovative machining processes for maximum ROI (rotational milling of titanium, patented Carving and Thrilling grinding technology, etc.)
- _Intelligent machine concept with high-performance, super-high-frequency spindle for maximum speed with the highest precision
- _Intelligent machine design guarantees optimum protection of all electronic components in wet operation



ceramill® matik

The Full Service Unit with maximum time savings

- _Maximum time savings in resource management through automatic management of tools and materials
- _Highest possible convenience due to autonomous wet and dry change and automatic cleaning
- _Full range of applications due to maximum indication and material portfolio
- _Future-safe due to constant software development and expandable holder portfolios



NextDent™ 5100 for ceramill®

**The high-speed 3D printer
for dental materials**

- _Up to 3x faster printing due to Figure 4™ technology for high productivity and flexibility
- _Excellent printing results in highest precision due to coordinated workflows, machines, materials and accessories
- _Rapid amortization due to maximum material and indication spectrum as well as low investment and fixed costs


DDS
Digital Dental Show

Virtual exhibition
Presentations - digital & live





MATERIAL OVERVIEW









Material	The most important features at a glance	The most important indications	
Zolid FX, Zolid Gen-X, Zolid HT+, ZI Zirconia 	<ul style="list-style-type: none"> _ Wide range of indication and customisation options for maximum aesthetics _ Shade stability thanks to coordinated shade concept according to the VITA shade guide _ Different levels of translucency for the different esthetic requirements of dental restorations 	<ul style="list-style-type: none"> _ Depending on the optical and mechanical properties of the respective zirconium oxide, indications ranging from veneers to multi-pontic bridges can be created 	
Ceramill Sintron CoCr sinter metal 	<ul style="list-style-type: none"> _ Can be dry milled due to wax-like texture _ Can be veneered with any standard non-precious bonding porcelain _ Homogeneous, distortion-free frameworks without contraction cavities 	<ul style="list-style-type: none"> _ Single crowns _ Bridges _ Primary and secondary structures _ Custom abutments on titanium bases _ Multi-unit, screw-retained restorations on titanium bases 	
Ceramill A-Temp Ceramill A-Temp Multilayer Temporary acrylic, PMMA 	<ul style="list-style-type: none"> _ Acrylic for long-term temporary restorations with a wearing time of up to 3 years _ Available in monochrome staining or with natural dentin/incisal color gradient to match Zolid DNA zirconium oxide _ Can be veneered with common veneering acrylics 	<ul style="list-style-type: none"> _ Temporary anterior and posterior crowns with a wearing time of maximum three years _ Temporary anterior and posterior bridges with a maximum of two connected pontics and a maximum wearing time of three years _ Verifying the fit on the plaster model/mouth before the final restoration 	
Ceramill A-Splint Splints-acrylic, PMMA 	<ul style="list-style-type: none"> _ Industrial manufacture guarantees optimum intraoral comfort and neutral taste _ High surface quality reduces discoloration and plaque accumulation _ Acrylic for splints with a wearing time of up to 3 years 	<ul style="list-style-type: none"> _ Therapeutic splints _ Positioning splints _ Stabilizing splints _ Occlusal splints 	
Ceramill D-Set Kulzer, VITA, Merz Dental* 	<ul style="list-style-type: none"> _ High-quality denture teeth _ Denture tooth blanks specially developed for Ceramill CAD/CAM _ High shade, shape and functional fidelity 	<ul style="list-style-type: none"> _ Full/full dentures 	

* to be ordered directly from the manufacturer

Material	The most important features at a glance	The most important indications	
Ceramill D-Wax Milling wax, full dentures 	<ul style="list-style-type: none"> _ Conventional setting up wax in blank form _ Easily millable under water cooling _ Class 1 medical product for intraoral try-in _ Conversion is possible in the usual way after try in 	<ul style="list-style-type: none"> _ Full-denture bases 	
Ceramill Ti-Forms Titanium abutment blanks, Ti6Al4V 	<ul style="list-style-type: none"> _ Titanium abutment blanks with industrially prefabricated implant connection geometries _ High biocompatibility (proven Ti6Al4V) _ Outstanding surface quality due to the rotational milling technique 	<ul style="list-style-type: none"> _ Customised, one-piece titanium abutments 	
Ceramill A-Cast Acrylic, PMMA 	<ul style="list-style-type: none"> _ High dimensional stability _ Easily milled with optimum surface quality _ Burns out without residue 	<ul style="list-style-type: none"> _ For checking the fit and function during try-in _ For casting, press and overpress techniques 	
Ceramill Wax Milling wax 	<ul style="list-style-type: none"> _ Easily milled without smearing _ Available in 2 shades (white, grey) _ Burns out without residue 	<ul style="list-style-type: none"> _ For casting and overpress techniques 	
Ceramill PEEK Acrylic, polyetheretherketone 	<ul style="list-style-type: none"> _ High resistance to wear, abrasion and corrosion _ Modulus of elasticity similar to bone for high strength and simultaneous flexibility _ Available in 2 shades (white, beige) 	<ul style="list-style-type: none"> _ Crowns and bridges _ Secondary and telescope restorations _ Attachment restorations _ Screw-retained, implant-supported superstructures 	

Material	The most important features at a glance	The most important indications	
Ceramill M-Plast Acrylic, polyurethane 	<ul style="list-style-type: none"> _ High dimensional stability, without water absorption _ Outstanding edge stability and millability _ Very low instrument wear 	<ul style="list-style-type: none"> _ Model resin for fabricating precision models using CAD/CAM technology 	
VITA SUPRINITY® PC Lithium silicate ceramic, zirconium-oxide reinforced 	<ul style="list-style-type: none"> _ Fine-grained, homogeneous micro-structure _ Easy polishing and grinding properties _ High translucency and fluorescence 	<ul style="list-style-type: none"> _ Crowns _ Crowns on implants _ Inlays / onlays _ Veneers 	
VITA ENAMIC® multiColor Hybrid ceramic 	<ul style="list-style-type: none"> _ Maximum reliability and integrate crack-stop function _ Precise, crisply detailed restorations due to excellent edge stability _ Quick, economical processing _ Also available as Multilayer block with natural color gradient 	<ul style="list-style-type: none"> _ Crowns _ Crowns on implants _ Inlays / onlays _ Veneers 	
VITABLOCS® Mark II / TriLux forte Glass-ceramic 	<ul style="list-style-type: none"> _ No crystallisation firing required _ Optimum light transmission and white fluorescence _ Available in monochrome and four-layer staining 	<ul style="list-style-type: none"> _ Crowns _ Inlays / onlays _ Veneers 	
IPS e.max CAD lithium disilicate glass ceramic 	<ul style="list-style-type: none"> _ High flexural strength _ Can be veneered with IPS e.max Ceram 	<ul style="list-style-type: none"> _ Crowns and bridges _ Inlays / onlays _ Veneers 	

MANUFACTURING CENTRE MATERIAL RANGE

Material	The most important features at a glance	The most important indications	
Ceramill NP M CoCr - milled 	<ul style="list-style-type: none"> _ High strength, rigidity _ High corrosion resistance _ Veneering with conventional bonding porcelain 	<ul style="list-style-type: none"> _ Crowns and bridges _ Telescope and conical crowns _ Custom abutments on titanium bases _ Screw-retained restorations on titanium bases 	
Ceramill TI alloy TiAl6Nb7-Titanium alloy 	<ul style="list-style-type: none"> _ High strength, rigidity and biocompatibility _ Homogenous structure _ Can be veneered with all conventional porcelains for titanium bonding alloys 	<ul style="list-style-type: none"> _ Crowns and bridges _ Telescope and conical crowns _ Custom abutments on titanium bases _ Screw-retained restorations on titanium bases 	
Ceramill TI Pure titanium 	<ul style="list-style-type: none"> _ High biocompatibility _ Homogenous structure _ Can be veneered with all conventional porcelains for titanium bonding alloys 	<ul style="list-style-type: none"> _ Crowns and bridges _ Telescope and conical crowns _ Individual abutments on titanium bases _ Screw-retained restorations on titanium bases 	
Ceramill COMP Composite 	<ul style="list-style-type: none"> _ Can be fitted as a permanent restoration _ Enamel-like abrasion behaviour _ Can be veneered using conventional, light-curing crown and bridge resins 	<ul style="list-style-type: none"> _ Crowns and bridges _ Inlays / onlays _ Veneers _ Long-term temporary restorations 	

NextDent for Ceramill 2.0 3D print material



- _ High hardness and fracture resistance
- _ Produced generatively
- _ Highest precision and detail definition

- _ Models with removable stumps (solid or hollow)
- _ Dental models for prosthetic restorations
- _ Dental models for orthodontic appliances
- _ Diagnostic and demonstration models

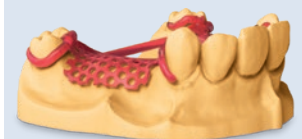


NextDent for Ceramill Cast 3D print material



- _ High stability of the printed structures
- _ Burns out residue-free for optimum result

- _ Casting / pressing technique



NextDent for Ceramill C&B MFH 3D print material



- _ High strength and wear resistance
- _ Natural esthetics due to different colors and coordinated translucency

- _ Temporary crowns and bridges



NextDent for Ceramill Denture 3D+ 3D print material



- _ Significantly lower shrinkage than standard PMMA materials for best fit results
- _ Available in different colors for individual results

- _ Denture bases



NextDent for Ceramill Try-In 3D print material



- _ Best choice for checking digitally designed prosthetic bases with individually designed tooth setups
- _ Biocompatible MD Class I material

- _ Try-in prosthetics

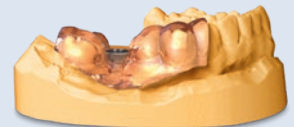


**NextDent for Ceramill SG
(Surgical Guide)**
3D print material



- _ Easy insertion of the drilling sleeves due to highest precision
- _ Can be sterilized with standardized autoclaving protocols
- _ Biocompatible MD Class I material

_ Drilling templates



NextDent for Ceramill Tray
3D print material



- _ Quality impressions with high precision in next to no time
- _ Compatible with all types of impression materials
- _ Biocompatible MD Class I material

_ Individual trays



**NextDent for Ceramill
Ortho IBT**
3D print material



- _ Easy positioning and application of orthodontic brackets due to precise and flexible splint material
- _ Biocompatible MD Class I material

_ Orthodontic transfer splints

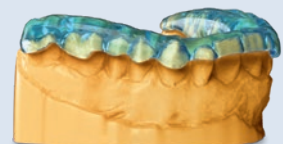


**NextDent for Ceramill
Ortho Rigid**
3D print material



- _ Fast fabrication of precisely fitting splints
- _ Biocompatible MD Class I material

_ Splints

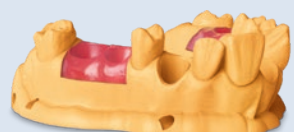


**NextDent for Ceramill
Gingiva Mask**
3D print material



- _ Easy fabrication of flexible parts such as gingival masks
- _ Best results in combination with Model 2.0

_ Gingival masks





PRECISION MODEL

zebris for ≡ ceramill®	16
≡ artex® cr	18
≡ giroform®	19

TROUBLE-FREE RESTORATIONS AT THE TOUCH OF A BUTTON - 100% DIGITAL

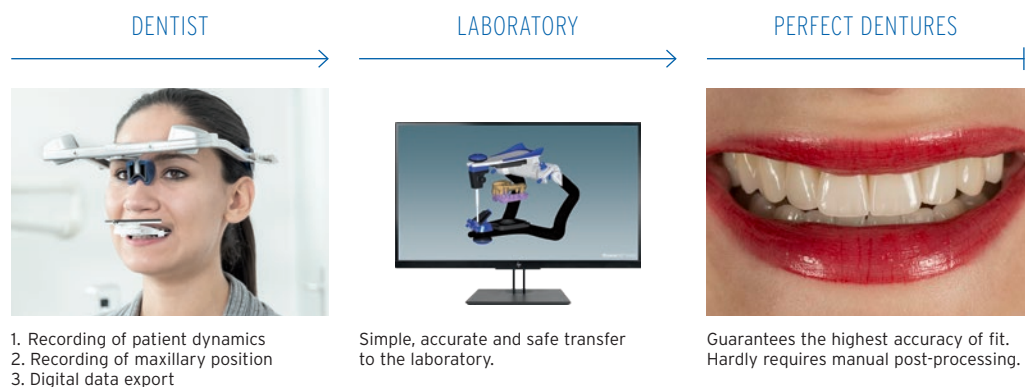
zebris for Ceramill can be used as a digital facebow, but offers numerous other functions in addition. Thus the JMA Optic system forms the basis for virtually any indication - from single restorations to scanning model-free with an intraoral scanner as well as large-span restorations or splints. The automatic data transfer to the Ceramill System and the resulting direct transfer into the articulator, allows Zebris for Ceramill to be ideally integrated into the daily workflow and reduces manual post-processing of the restoration. Overall, the result is a simple, safe workflow that can be used profitably in everyday work.



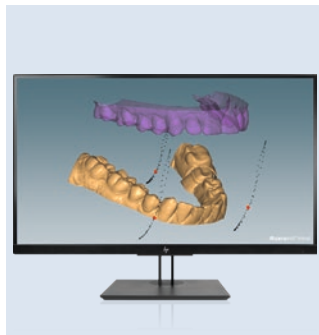
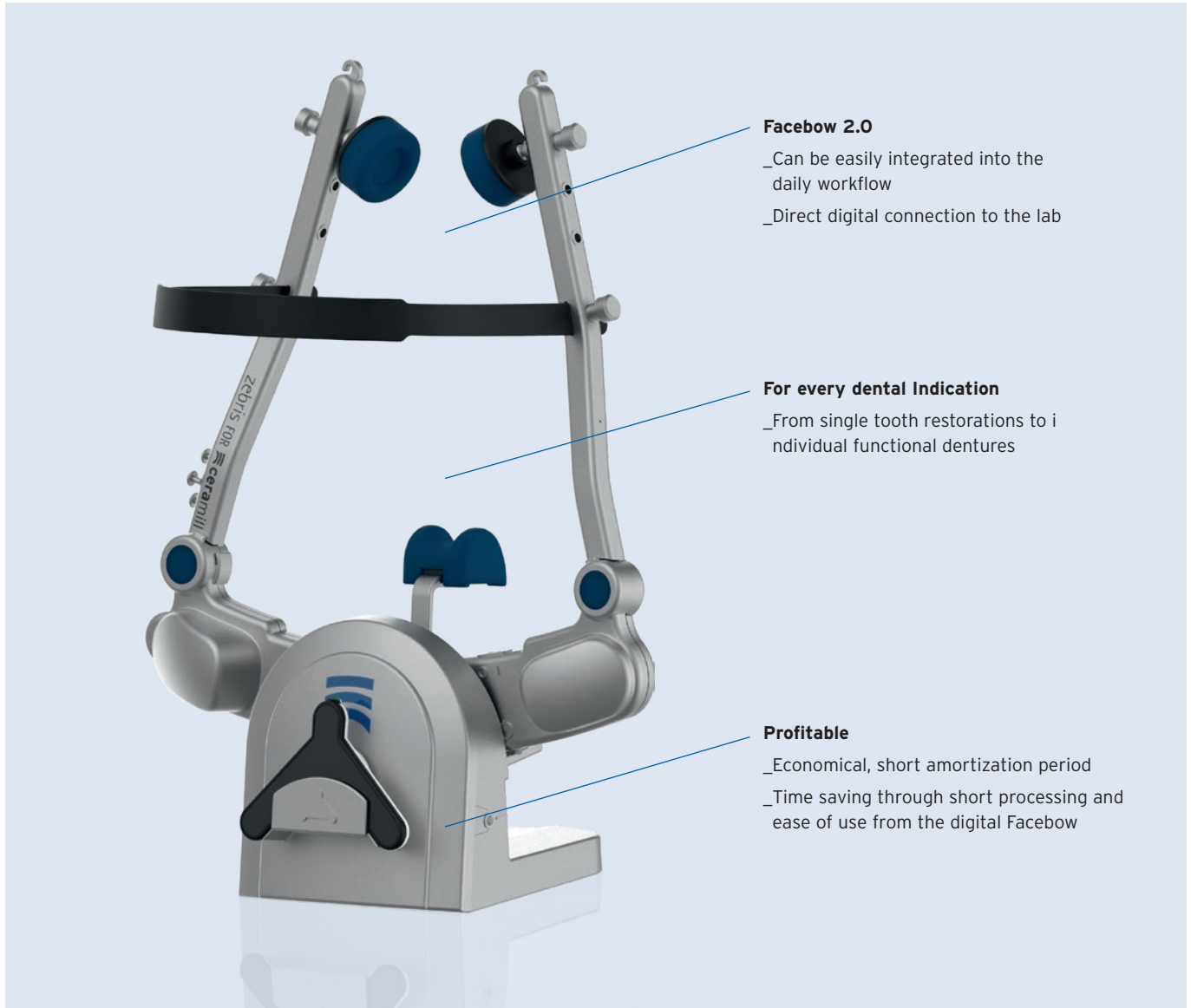
- _Precise recording of the individual jaw situation as the basis for practically every dental indication - from single-tooth restoration to functional splints**
- _Simple, intuitive, wireless workflow - profitable integration into daily routines**
- _Precisely digitized functional data enable accurate dentures - reduce manual post-processing on the patient and simplify collaboration with the laboratory**

THE DIGITAL WORKFLOW

From the dental practice to the perfect restoration.



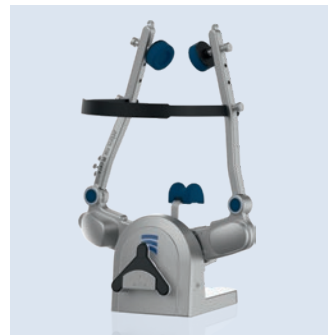
DIGITAL FACEBOW IN THE CERAMILL WORKFLOW



The software module Ceramill M-Pass offers the possibility to transfer complex jaw movements exactly into the Ceramill Mind. With the jaw registration systems from Zebris all movements of the lower jaw can be recorded. The data output is imported into the Ceramill system without loss.



With the unique transfer stand it is possible to transfer the individual upper jaw position into every mechanical articulator.



The System Tray allows the safe storage of the measuring components and at the same time it can be used as an inductive charging station for the facebow. The system can be optionally connected with a USB interface or completely wireless via WIFI.

MODEL MANAGEMENT ARTICULATOR AND UNIVERSAL DIAGNOSIS AND THERAPY UNIT IN ARCON DESIGN

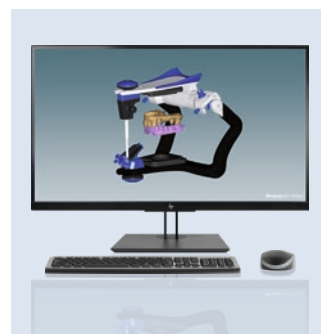
Produced by the dental technician in an articulator, a dental prosthesis must function without a problem for the patient. An articulator is a great way to emulate the patient's movements, saving the dentist chair-side time and the patient quite a bit of pain.

The reproducible centric relation ensures safe starting and end positions of every jaw movement. The Artex articulator can discover, check and remove any defects smaller than 20 µm.

Lightweight, stable, ergonomic and very precise - the Artex articulator facilitates and accelerates work on the model. It is practice-oriented, reliable and competitively priced. For these reasons, the Artex brand enjoys such a good reputation and its articulators are among the most popular world-wide. The Artex product range employs a modular design and is focused on features that are really necessary.



- _Provides comprehensive adjustment possibilities to reproduce the patient's clearance and movement dynamics**
- _Protrusion, retrusion and side-shift function infinitely adjustable**
- _Distraction permitting release of compressed mandibular joints from 0 to 3 mm**
- _Artex-Carbon - lightweight and robust, providing perfect handling**
- _Adjustable inclination of the condyle track inclination from -20° to +60°**
- _Bennett angle adjustable from -5° to +30°**



Ceramill Artex - the virtual Artex CR with an unlimited range of functions

PERFECT OPERATION, HIGHLY PRECISE AND ECONOMICAL

The pin drill allows precise, fast and safe determination of the desired drill position.

Drilling starts at the press of a button. The plate holder is fastened magnetically, securing the drill position.

In order to guarantee pin friction, identical, smooth-faced and regular holes are drilled into the Giroform base plate. The precise drill guide also enables uniform drilling depth. These specific characteristics of the Giroform pin drill guarantee precise, fast and cost-effective model manufacture.



- _Laser beam for easy drill positioning**
- _Plate holder smoothly adjustable thus ensuring safe and fast operation**
- _Plate holder is secured magnetically and automatically when drilling starts**
- _Automatic drill advance guarantees identical boreholes (0.5 seconds per hole)**
- _Ergonomically positioned tip-on buttons for a high degree of operating convenience and easy activation of drilling**
- _Guide grooves ensure easy drill change**
- _Universal plate holder for Giroform baseplates in all sizes and shapes with anti-rotation protection**



Strong, practical and aesthetic - stainless steel housing



Laser beam for easy drill positioning

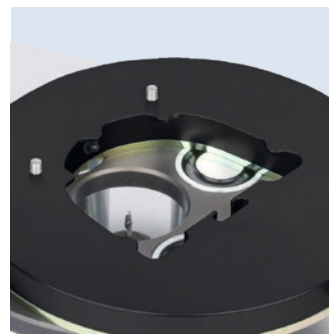
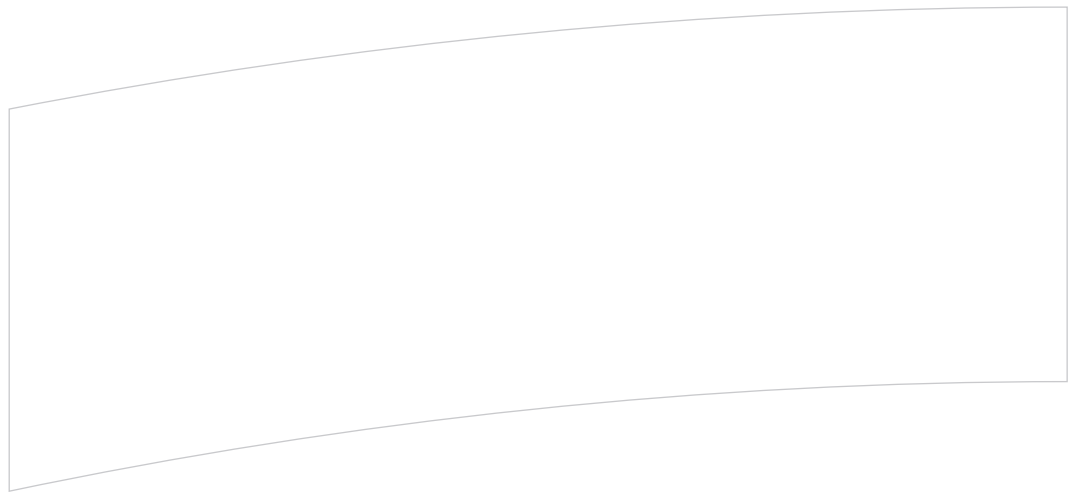




Plate holder is secured magnetically and automatically when drilling starts



SCAN

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 ceramill® map 200+	24
Accessory	25

THE FULLY AUTOMATIC HIGH-PERFORMANCE SCANNER FOR OPEN ARTICULATOR SCANNING

The new Ceramill Map 600 high-performance scanner from the DNA generation offers intelligence, efficiency and maximum precision.

The scanner features an integrated universal carrier plate for all common types of articulator, which saves time-consuming plate changes. Due to Splitex integration, all the accessory components of the Map portfolio can be used.

The intelligent scan height control automatically moves the object to be scanned into the best possible scan area, thus offering the user increased process reliability, maximum convenience and protection against incorrect use. The new drive technology with an automatic Z-axis ensures ultra-precise and fast travel movement.

The highly sensitive industrial 3D sensor with Blue Light technology ensures outstanding depth of field and a scanning accuracy of 4 µm.



_Integrated, universal fixator for all common types of articulators ensures maximum flexibility

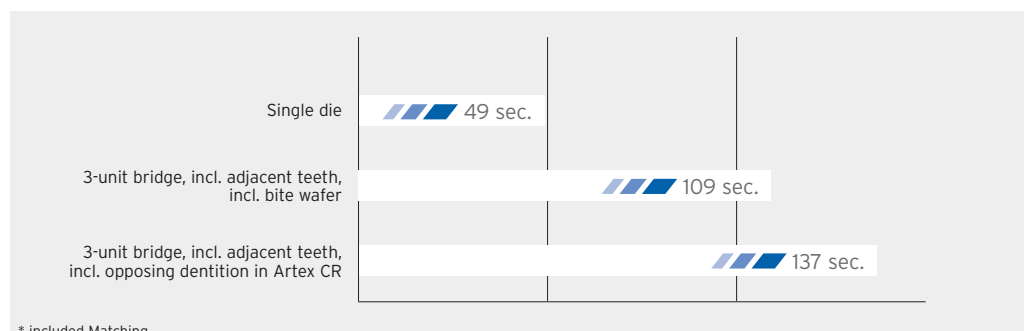
_Intelligent scan height control for optimum model alignment in the scan field offers the highest possible process reliability

_HD scan via 3D sensor with blue light technology and variable resolution guarantees optimal and reproducible results

_DNA Speed Scanning enables a full jaw scan with unrestrictedly usable results in only 18 seconds



Universal articulator scan for all common articulators



* included Matching

Scan accurately to within 6µm with a 50% saving in time – the stripe-light scanners digitalise patient data both quickly and precisely using "DNA Speed Scanning"

ARTICULATOR SCAN

To utilize the advantages of the virtual articulator, a 1:1 conversion of the model situation is required from the real articulator into a data set. The Ceramill Map 600 enables scanning articulated models directly in the articulator without prior transfer to a transfer station. During the scanning process, the model is transferred from the actual articulator to the software while retaining the axis relation. A wide variety of articulator types can be positioned and precisely scanned without any additional accessories on the integrated multifunctional support plate. This offers the user maximum convenience and speed.



- _ Maximum precision through condyle-related scanning in the Artex workflow
- _ Convenient and time-saving handling without any accessory components
- _ Maximum precision due to ideally arranged scanning field

More about Ceramill Map scanners at
www.amannbirnbach.com/downloads



The articulated model in the Artex CR is placed directly in the Map 600.

The Artex scanner transfers the model directly from the actual articulator into the software while maintaining the axis relation.

The virtual Artex CR with unlimited functionality.

ENTRY-LEVEL SCANNER COMPACT, PRECISE, QUICK

Ceramill Map 200+ is a fully automatic 2-axis stripe-light scanner, ideal for entry into CAD/CAM technology due to its uncomplicated handling with simultaneous high precision. It is also suitable for all users who want to produce cost-effective, precise scan data. Equipped with newly developed DNA speed scanning strategies and high-resolution 3D sensors it shares the same standards of precision and speed with the bigger version Ceramill Map 400+. In combination with the automatic user guidance Ceramill Map 200+ brings together convenience and precision on a compact footprint of 390 x 360 x 310 mm.

Ceramill Map 200+ has an open interface, so that scans (STL files) can also be loaded in other CAD programmes.



- _ Maximum precision with a minimum footprint
- _ DNA speed scanning reduces scan times by up to 50%
- _ Open interface and automatic user guidance

More about Ceramill Map scanners at
www.amannbirnbach.com/downloads

FULLY AUTOMATED WORKFLOWS AND NEW INTELLIGENT FEATURES

IMPRESSION SCAN



Fully automated workflow for scanning impressions

TEXTURE AND COLOR SCAN



Texture scan in colour - captures coloured markings and auxiliary lines on the models

ALL-IN



Digitization of a quadrant model in just two scanning steps as well as automatic alignment of up to 3 single stumps

INTELLIGENT MULTI DIE - UP TO 12 STUMPS



Scanning up to 12 stumps and assigning the correct jaw position in one run with the Ceramill M-Die

UNIVERSAL SCAN

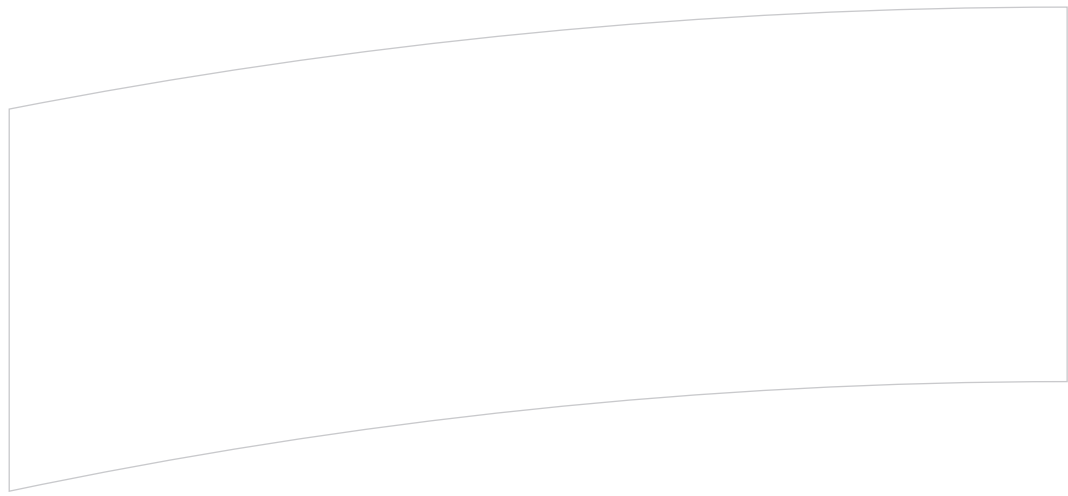


Universal carrier plate for flexible scanning of a host of different model systems


AUTOFOCUS



Positioning of the model in the optimal measuring field



DESIGN / CAD

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THE INTELLIGENT DESIGN SOFTWARE - DEVELOPED ACCORDING TO DENTAL TECHNOLOGY LOGIC

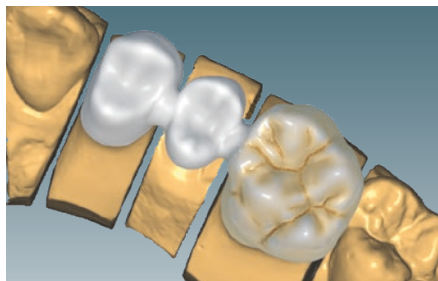


The Ceramill Mind design software, developed by Amann Girrbach in close collaboration with dental technicians, meets all requirements. Perfectly coordinated to the Ceramill Map scanner Ceramill Mind has been seamlessly integrated in the system architecture of the Ceramill system and is characterised by easy handling, process reliability and precision. The user guidance of the CAD program, which is oriented along common laboratory routines, considerably simplifies the process of frame fabrication and covers a comprehensive spectrum of indications from crowns and bridges to complex implant work or full dentures. Features and areas of application are progressively refined, allowing the Ceramill Mind to be upgraded by a large number of software modules.

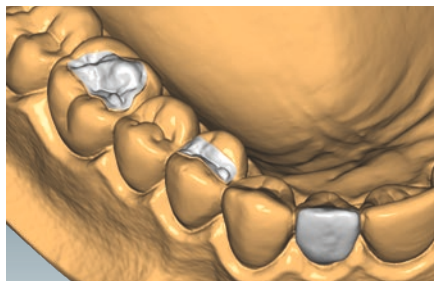


CERAMILL MIND BASE PACKAGE

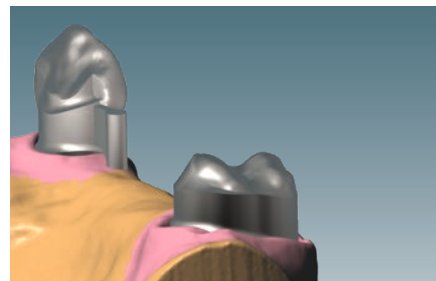
INDICATIONS



Ceramill Mind
Anatomically reduced crowns and bridges,
fully anatomical crowns and bridges



Ceramill Mind
Inlays, onlays, veneers



Ceramill Mind
Telescope crowns, attachments

LIBRARY TEETH

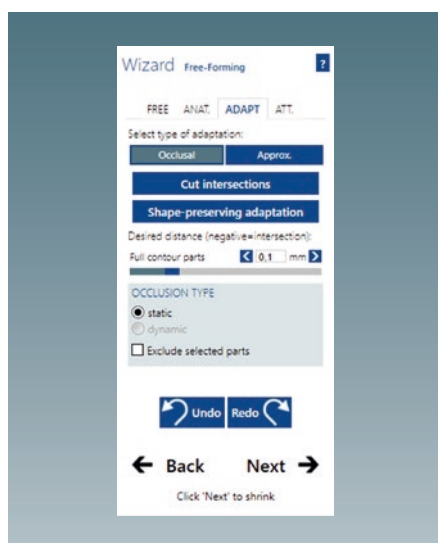


Ceramill Mindforms by AG

Other libraries:

- _AG Generic
- _VITA Physiodens
- _Prittdenta

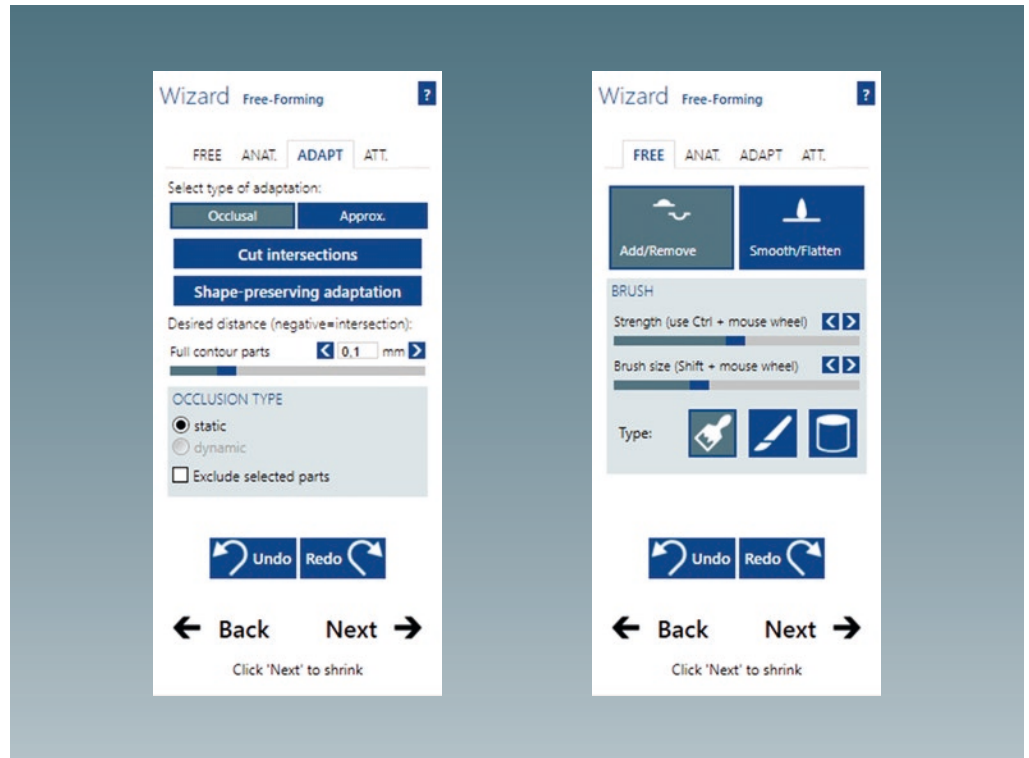
CERAMILL WIZARD



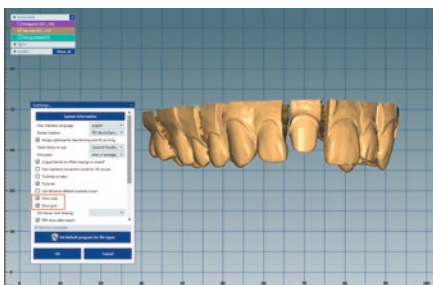
Automatic user guidance through the design process

CERAMILL WIZARD - DESIGN EASILY, RELIABLE AND EFFICIENTLY.

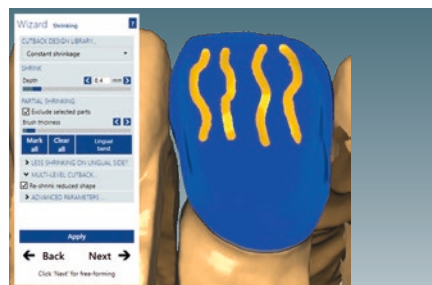
Ceramill Mind Wizard was developed to orientate the Ceramill Mind user guidance as closely as possible to the dental technology workflow. As a floating window the Wizard not only guides the user accurately and efficiently through the entire design process but also shows the tools available to optimise the design outcome.



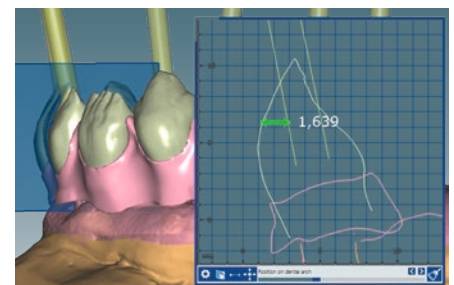
CERAMILL WIZARD FUNCTIONS



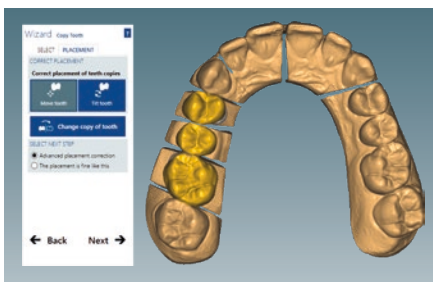
Grid and ruler for better orientation



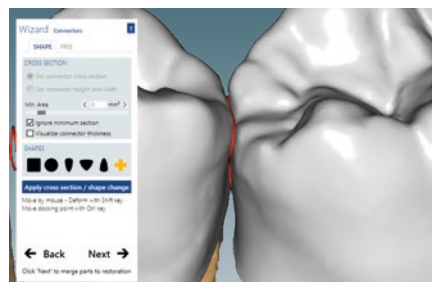
Cutting back selected areas for customised porcelain veneering



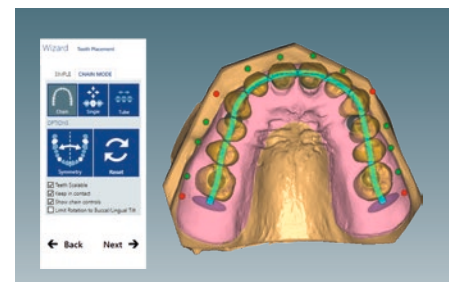
Fading in section plane with measuring instrument for better control of material thicknesses



Copy or mirror teeth to produce a uniform tooth shape/structure in a jaw



Connect contact surfaces with each other for more aesthetic interdental spaces



Move teeth as if splinted for quicker, easier positioning of the teeth

Ceramill Mind is available in the following languages:



CERAMILL MIND UPGRADE MODULES (FOR AN ADDITIONAL CHARGE)

Crowns and bridges ▶

ceramill® artex

The virtual articulator - the functional interface between manual and digital technology.



Crowns and bridges ▶

ceramill® mindforms

Ceramill library teeth by Knut Miller.



Crowns and bridges ▶

ceramill® m-splint

Fabricate functional and accurately fitting therapeutic splints.



Crowns and bridges ▶

ceramill® microshell

Fabricate temporary eggshell restorations quickly and easily.



CERAMILL MIND UPGRADE MODULES (FOR AN ADDITIONAL CHARGE)

Crowns and bridges ▶

ceramill® m-build

Digital model fabrication using the Ceramill Motion 2 and NextDent 5100 for Ceramill.



Crowns and bridges ▶

ceramill® trusmile

The module for natural reproduction of the tooth shade gradient already during the design.



Crowns and bridges ▶

ceramill® m-pass

The import module for jaw movement data from external systems.



Implant prosthetics ▶

ceramill® m-plant

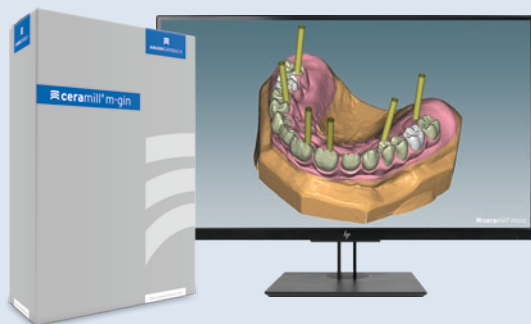
Fabricate customised abutments and screw-retained bridges digitally using the Ceramill system.



Implant prosthetics ▶

ceramill® m-gin

Safe, error-free and in record time to the implant-supported bridge with gingival section.



Implant prosthetics ▶

ceramill® m-smile

Ceramill M-Smile - the Software module for esthetic planning.



CERAMILL MIND UPGRADE MODULES (FOR AN ADDITIONAL CHARGE)

Implant prosthetics ▶

ceramill® m-bars

Design customised Ceramill Sintron (CoCr) or wax bars.



Implant prosthetics ▶

ceramill® dicom viewer

Communication and visualisation module based on Dicom data.



Full-denture prosthetics ▶

ceramill® d-flow

Design of full dentures - precise, customised and aesthetic.

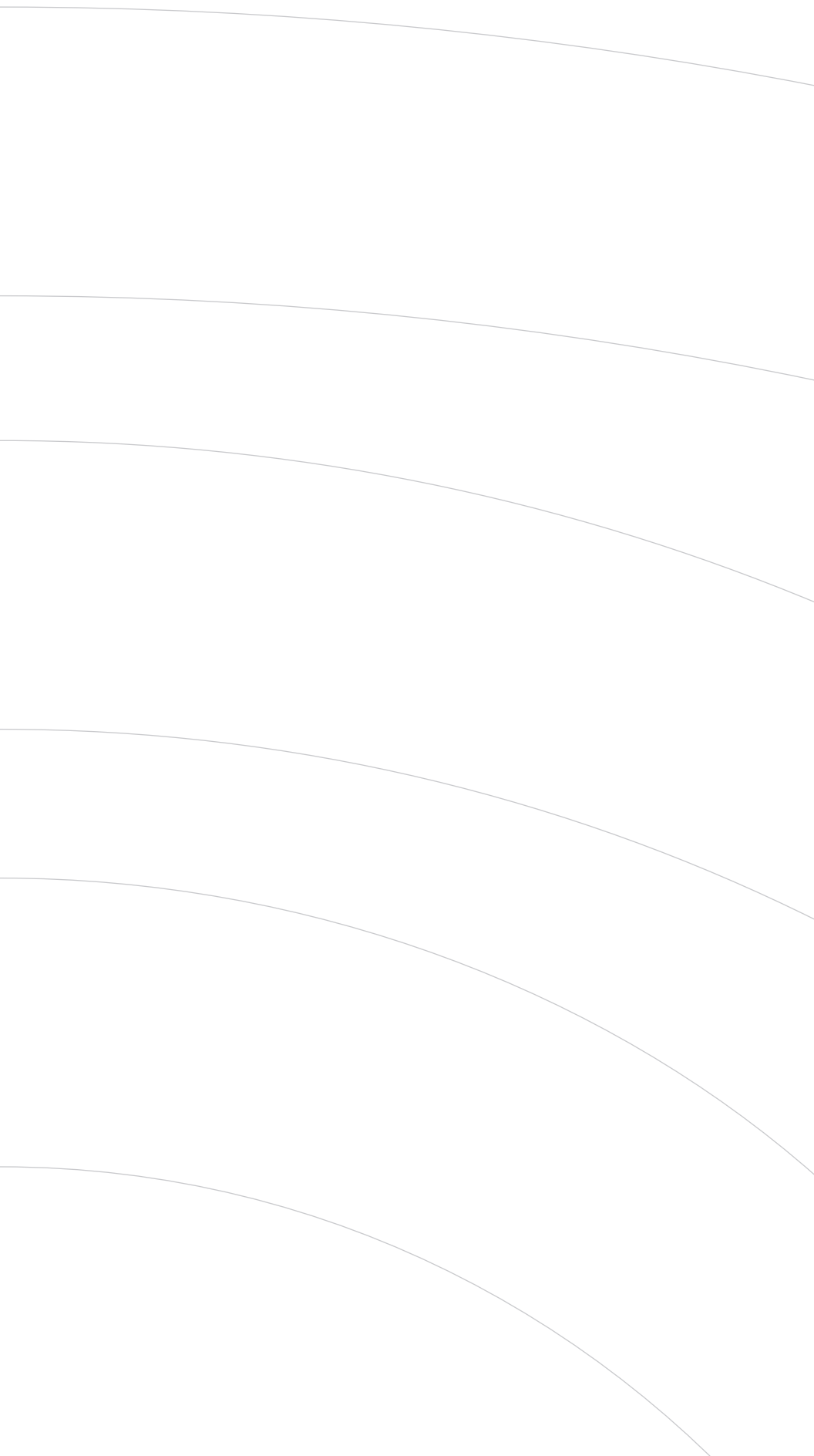


Partial dentures ▶

ceramill® m-part

Software module for preparing customised partial denture frameworks.





CROWNS AND BRIDGES

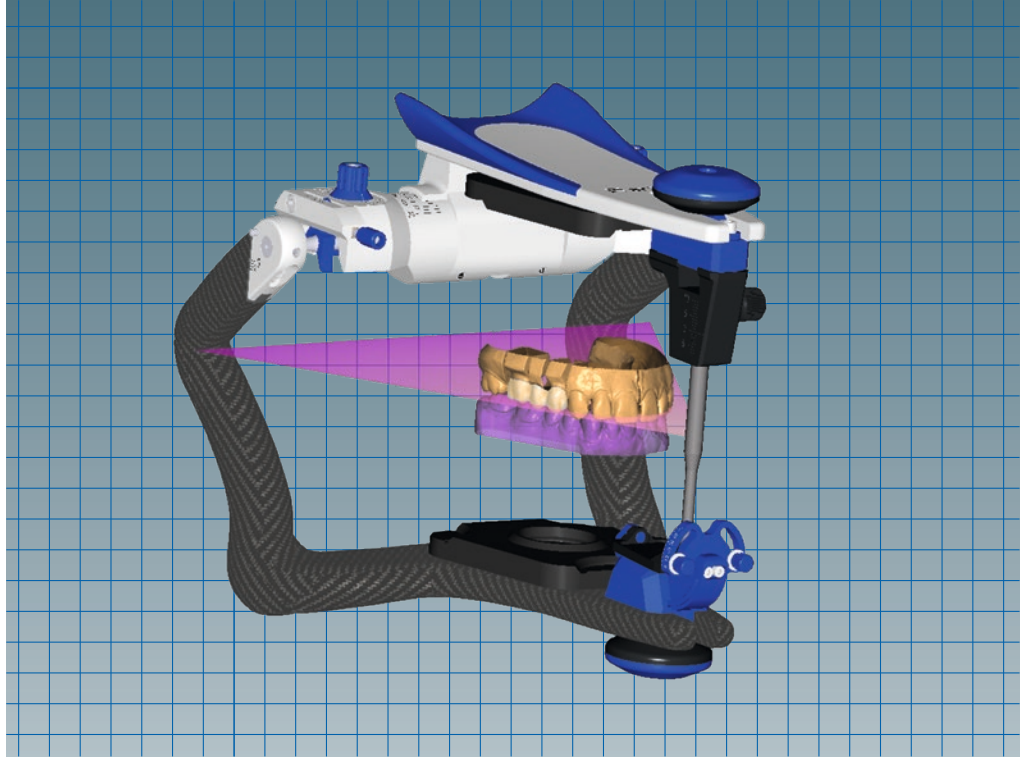
DESIGN CONVENTIONAL STANDARD INDICATIONS
PRECISELY AND EFFICIENTLY



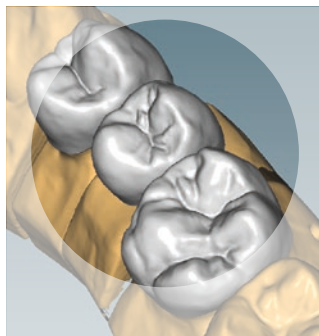
Crowns and bridges belong to the conventional standard restorations of every dental or practice laboratory. Crown and bridge restorations in the anterior and posterior regions can be quickly, easily and precisely planned using the diverse functions of the Ceramill Mind CAD software. This includes not only the virtual Artex CR articulator as an indispensable basic tool for the fabrication of interference-free restorations but also the numerous application options of the Ceramill Mind Wizard, which accelerate and simplify the design process and also include reliable preparation margin detection as well as an automatic bridge and connector design. Custom-loadable tooth libraries, e.g. with the Knut Miller teeth from the tooth mould atlas "Individualis naturae dentis" complete the function portfolio for functional and aesthetic crown and bridge prosthetics.

VIRTUAL ARTEX CR - THE FUNCTIONAL INTERFACE BETWEEN MANUAL AND DIGITAL PROSTHETIC DENTISTRY.

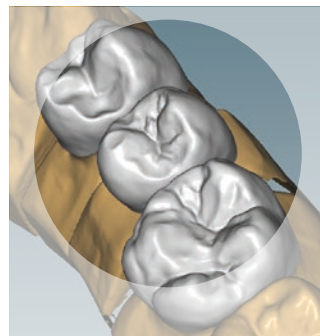
With manual production of dental prosthesis working with the articulator is standard for dental laboratories. In order to achieve the same quality of the works virtually, it is only logical and consistent to enable this by means of a CAD/CAM system. The virtual articulator "Ceramill Artex" serves as a bridge between manual and digital techniques. The model pair in the Artex articulator is transferred to the Map400-scanner while holding the same Artex mode by means of the Ceramill Transferkit; it is subsequently scanned-in in the appropriate proportion. The movement options of the Artex CR are thus synchronised digitally and manually. Interfering structures can already be removed, reducing time-consuming grinding in at the chairside to a minimum.



- _ The virtual articulator offers the same functional scope as compared to the real Artex CR
- _ The transfer of the models by means of the Ceramill Fixator ensures the precision at the functional interface between manual and digital techniques
- _ The calculation of the fully anatomical construction is dynamic and static under consideration of the antagonists and the adjusted values of the articulator
- _ Space for the veneering porcelain is automatically planned during the design - guarantees an optimum framework base for a veneer with high stability and uniform layer thickness



Fully anatomical design
without a virtual articulator



Fully anatomical design
with a virtual articulator



Adjustment modes
at the virtual Artex CR

STEP-BY-STEP

The Ceramill Artex virtual articulator offers exactly the same setting options as the manual version (Artex CR articulator). The articulator can be set in the same way as the original using a software mask. Adjustments to the articulator setting are completed onscreen and animated in real time on the Ceramill Artex. This enables an immediate visual control of the settings and therefore makes the virtual articulator “functional”.



A) Condyle actual Artex CR



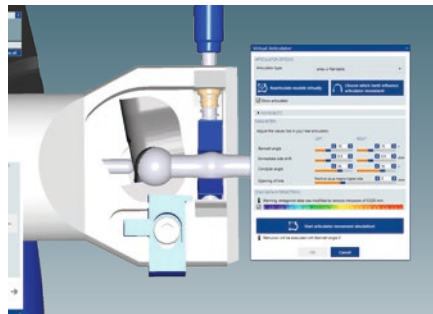
B) Condyle virtual (0 degrees)



C) Condyle virtual (30 degrees)



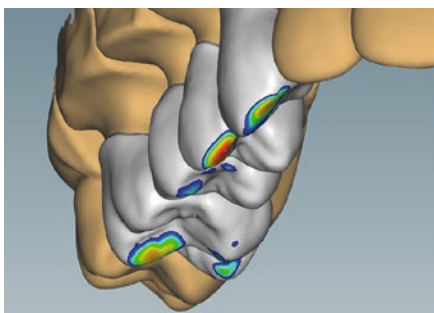
A) Artex CR condyle in centric position
viewed from below



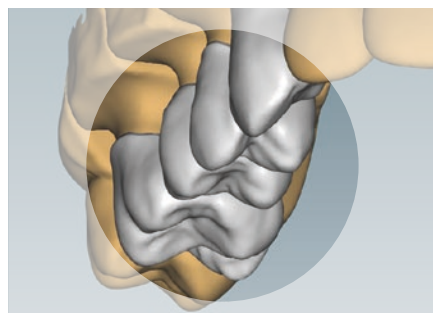
B) Virtual Artex CR condyle in centric position
as starting point for each excursion



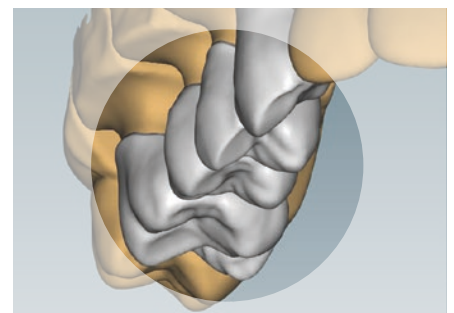
C) Artex CR condyle in (animated in real time)
lateral excursion



A) The CAD design with visual marking of contact
and penetration areas to the opposing model
before use of the virtual articulator (calculation
of the dynamics)



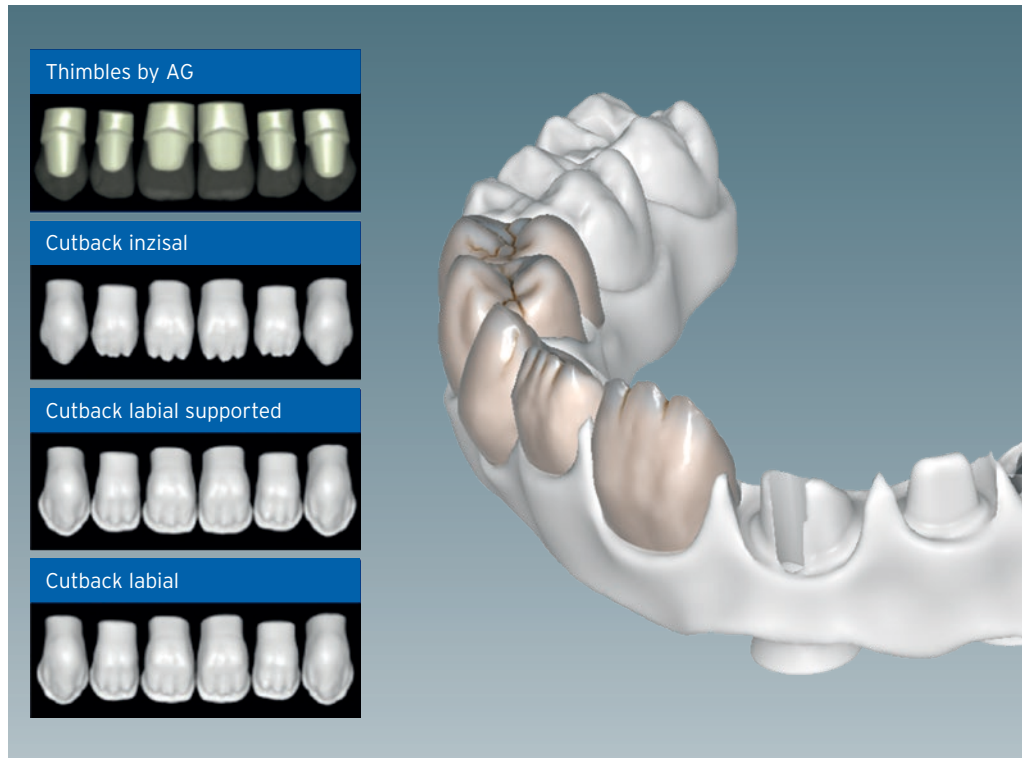
B) Ceramill Artex in function - static reduction
of the CAD design in the functional surfaces



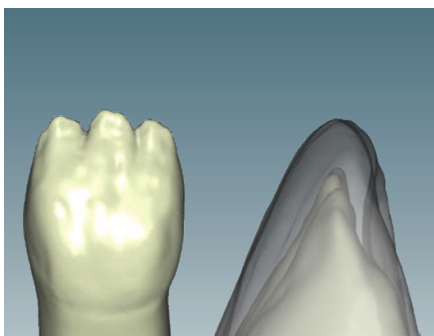
C) The result of the dynamically automated
operation of the Ceramill Artex

CERAMILL LIBRARY TEETH WITH CUTBACK SHAPES AND AN OPTIMIZED THIMBLE LIBRARY

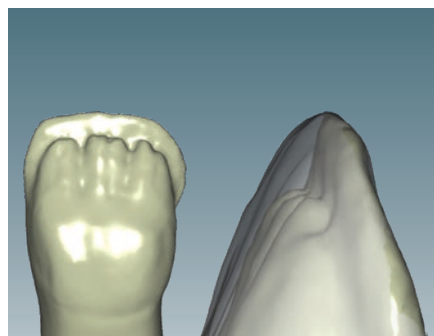
Based on his bestseller, the tooth shape atlas "individualis naturae dentis", dental technician Knut Miller has developed library teeth for the Ceramill Mind software, which are specifically tailored to the needs of CAD design. "Ceramill Mindforms 2.0" including cutback tooth shapes and an optimized Thimbles Library form a valuable basis for the construction of reduced or fully anatomical dentures as well as a stump library for highly profitable All-on-X work meeting the highest functional and esthetic aspects. The characteristic and natural surface morphology and topography as well as the fine details of the library teeth significantly facilitate and accelerate the design of occlusal surfaces and fissures.



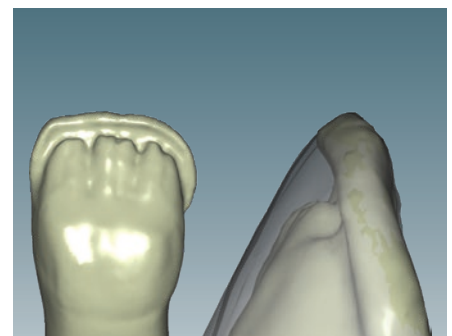
- _ Create highly esthetic restorations safely and easily - no special anatomical knowledge required
- _ High time and cost savings through reproducible esthetics without costly free-forming processes
- _ Tooth shapes of high natural authenticity through finest details and structures
- _ Effortlessly simple and wizard-guided to a highly profitable All-On-X restoration through the optimized Thimbles by AG stump library



Incisal cut-back



Labial cut-back

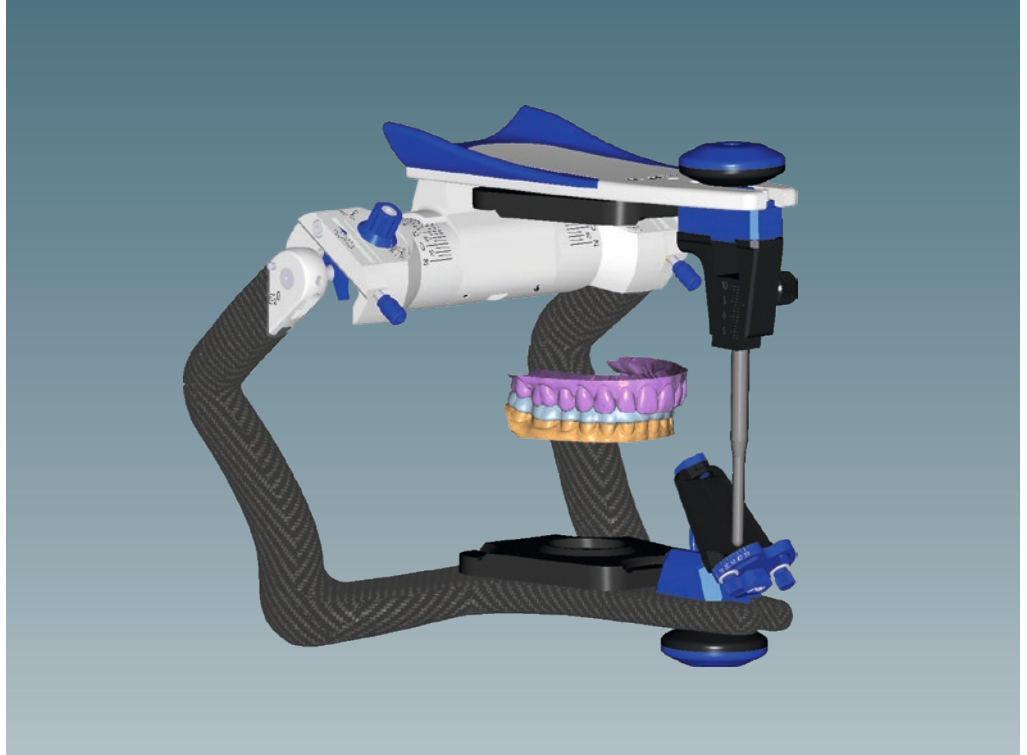


Labial-supported cut-back

THERAPEUTIC SPLINTS - FUNCTIONAL AND ACCURATELY FITTING

The Ceramill M-Splint was specially developed for the fabrication of customised therapeutic splints, which can be fabricated accurately fitting with interference-free functionality with the aid of the Ceramill Artex articulator. Once the design is complete, the splints can be fabricated from Ceramill Splintec PMMA blanks using Ceramill 5X milling machines.

As a Class 2a medical device Ceramill Splintec is suitable for long-term use.



- _ High saving in time and process reliability due to digitally predictable, reproducible results and controllable design parameters**
- _ Industrially prefabricate material with a high surface quality reduces discoloration and plaque accumulation to a minimum**
- _ Individually adjustable design parameters reduce manual finishing work**
- _ Precise occlusal contacts ensure functional splint design**
- _ Maximum convenience: Time-consuming manual fabrication is no longer required - this prevents the associated harmful vapours**



Easy, reproducible splint fabrication using Ceramill CAD/CAM



Ceramill Splintec therapeutic splints - accurately fitting and interference-free

AESTHETICALLY HIGH-QUALITY TEMPORARY EGGSHELL RESTORATIONS FOR IMMEDIATE TREATMENT

Ceramill Microshell is an upgrade module for the fabrication of thin, patient-specific temporary eggshell restorations as aesthetic, high-quality immediate treatment even before preparation.

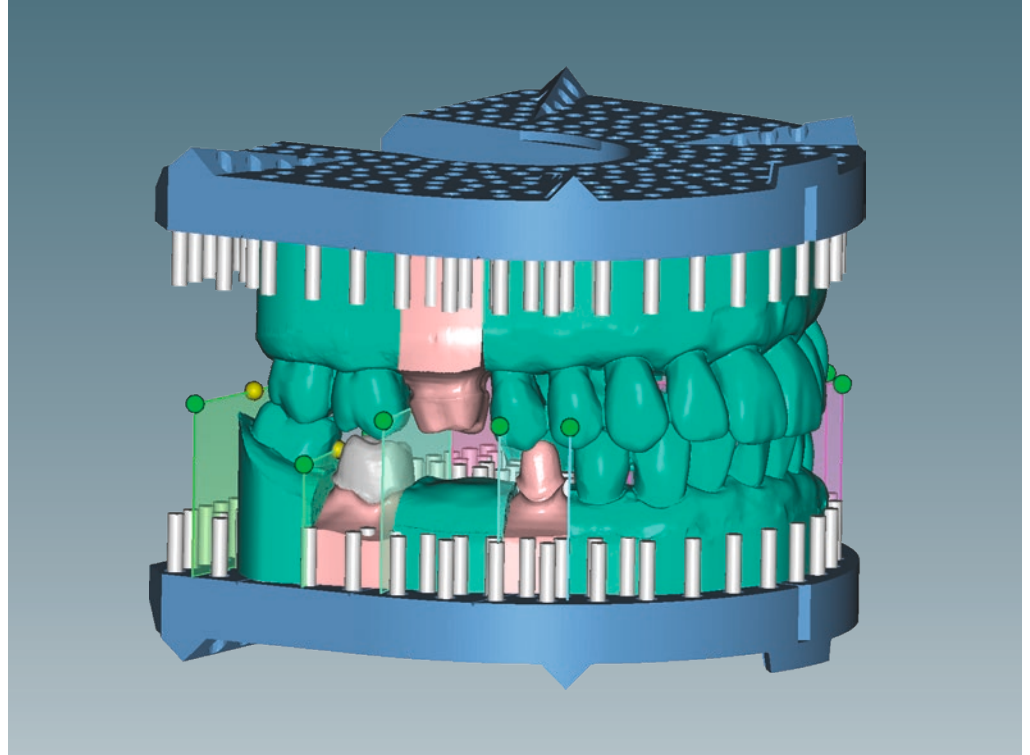
A virtual preparation margin is defined paragingivally on the as yet unprepared teeth on the scanned anatomical model. The temporary restoration designed later is produced as a shell of uniform thickness and the outer form of the unprepared tooth of the patient situation or library teeth. The final temporary restoration can be quickly fabricated with the aid of the temporary eggshell restoration immediately after preparation.



- _ Easy, quick fabrication of aesthetically high-quality, very thin temporary eggshell restorations**
- _ Patient-specific fabrication of temporary restorations is possible even before preparation**
- _ Design requires minimum time**

DIGITAL MODEL FABRICATION

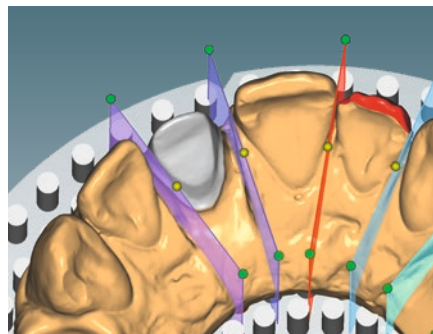
Ceramill M-Build is a software module for digital model fabrication based on intraoral scan data. The Ceramill Mind upgrade is always used to full effect if indications require manual working stages or controls using a model. Without loss of precision and using the method familiar from the manual working technique, Ceramill M-Build ensures the fabrication of interference-free sectioned models using CAD/CAM and integrates seamlessly into the existing process chain of Ceramill system components. Implementation of the milled models is performed with Ceramill M-Plast - a special modeling resin for Ceramill CAD/CAM. Implementation of the printed models is performed with the 3D Print Material NextDent Model 2.0.



- _Maximum comfort through simple and fast fabrication of high-precision 3D printed models or milled saw-cut models**
- _Increase in quality due to reduction in the sources of errors, e.g. plastic deformation of the impression material, plaster expansion**
- _Seamless, digital workflow ensures efficient, cost-effective working processes with maximum value creation**
- _No waiting times due to external production**



Milled models in the articulator



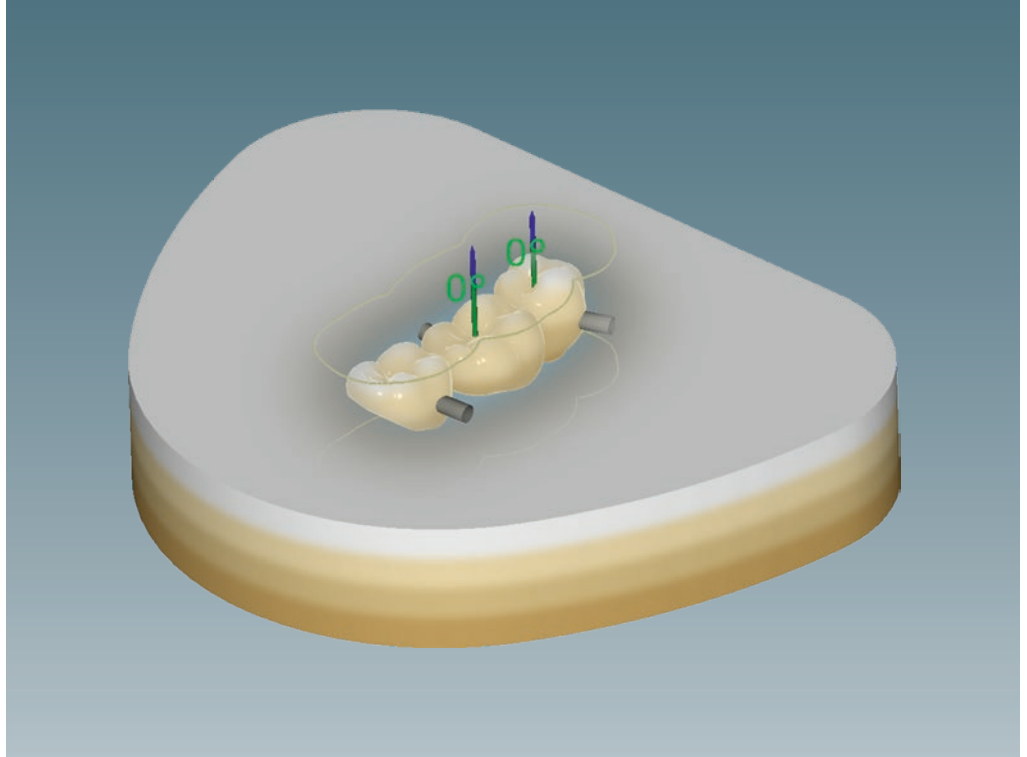
Place virtual saw cuts



Printed models with removable stumps

DESIGNING AND NESTING IN TRUE SHADES

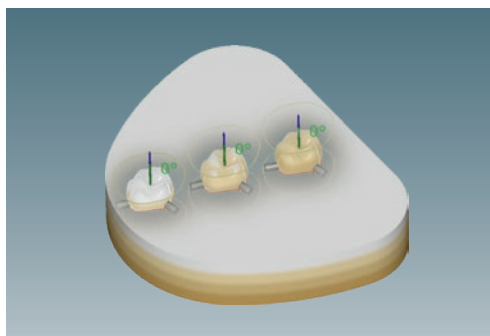
Restorations are visualised with a natural shade gradient using Ceramill Trusmile and displayed like the finished restoration in the CAD and CAM software. Scans or precision attachments such as telescope crowns or bars can also be reproduced specific to the material via Ceramill Trusmile. This already imparts an over-all impression of the final result during preparation and ensures a better aesthetic orientation during the design process.



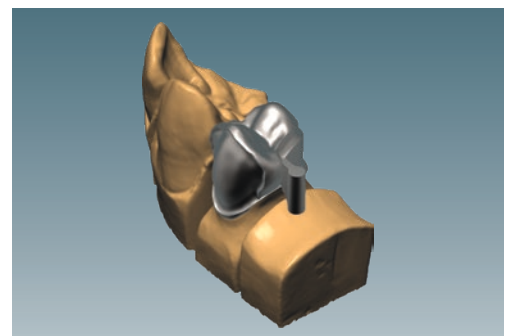
_ Visualisation of restorations with natural tooth shade gradient

_ Aesthetic orientation for technician and patient already during design

_ Easy nesting and placing of designs in Multilayer blanks thanks to realistic (shade-) display of blanks and design



Realistic visualisation of the shade gradient of Zolid FX Multilayer



Material-specific visualisation of Ceramill Sintron

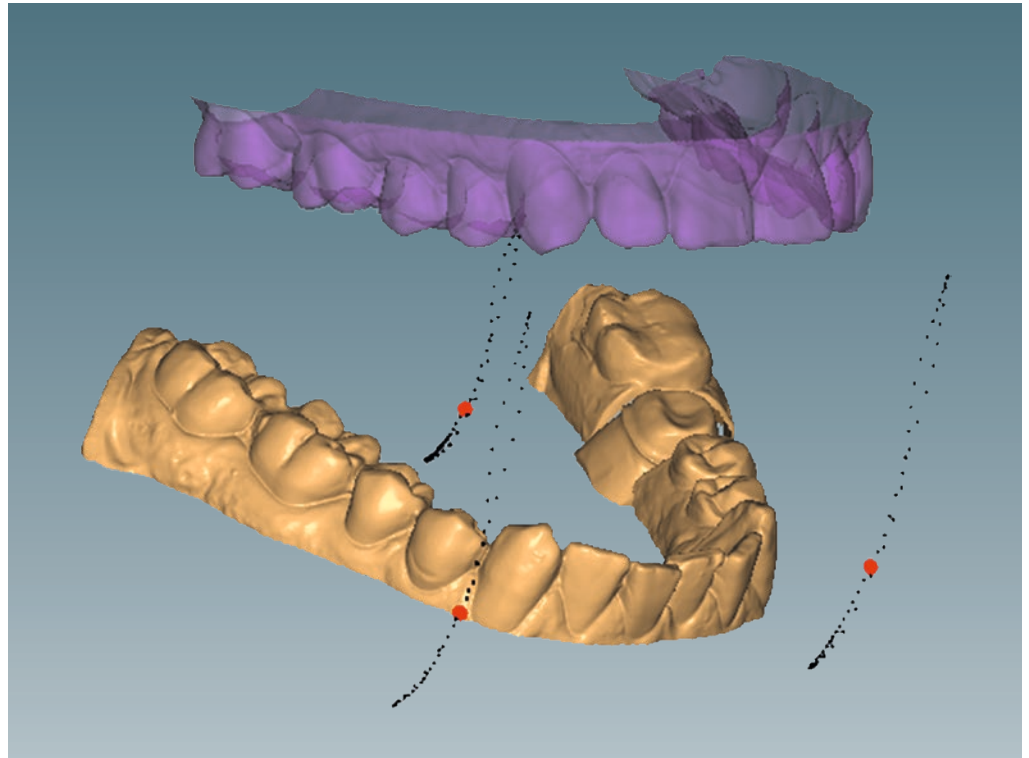
IMPORT MODULE FOR JAW MOVEMENT DATA FROM EXTERNAL SYSTEMS

The Ceramill M-Pass software upgrade module offers the possibility of transferring complex temporomandibular joint movements exactly into digital form.

With the Ceramill M-Pass software upgrade module, the data output from Zebris for Ceramill and Prosystem is imported into the Ceramill system and processed without any losses.

By importing the data, the virtual articulator CR is automatically programmed and the patient-specific individual jaw movements can be simulated.

In addition, Zebris for Ceramill fully integrates the digital facebow into the Ceramill system. By importing the Zebris data, the models are automatically placed in the correct position in the virtual articulator.

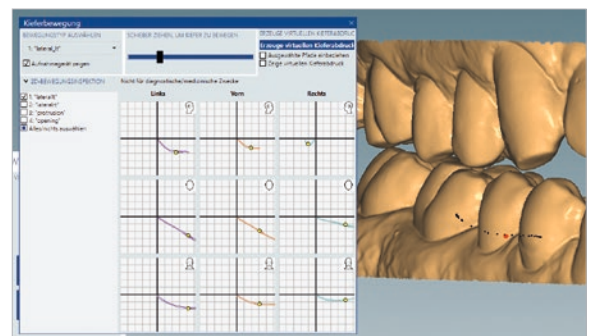


- _ Ideal transfer of complex temporomandibular joint movements into the digital design
- _ Situation transmission through special bite fork
- _ Perfect bite situation due to coordinated system from recording to try-in
- _ Compatible with Zebris for Ceramill or Prosystem
- _ The digital facebow is completely integrated into the Ceramill System with Zebris for Ceramill

More about Zebris for Ceramill
on pages 14-15



Zebris for Ceramill



Ceramill M-Pass

CERAMILL M-SMILE - SOFTWARE MODULE FOR ESTHETIC PLANNING

The Ceramill M-Smile software upgrade module in combination with the Ceramill Mind design software now allow esthetic planning, CAD design and fabrication to be modeled in a continuous digital workflow. By starting the digital design process with the esthetic planning with Ceramill M-Smile, the range of indications goes far beyond a mock-up. This allows using Smile Design as starting point for any type of digital dental indication.

Define dental lineup and start planning



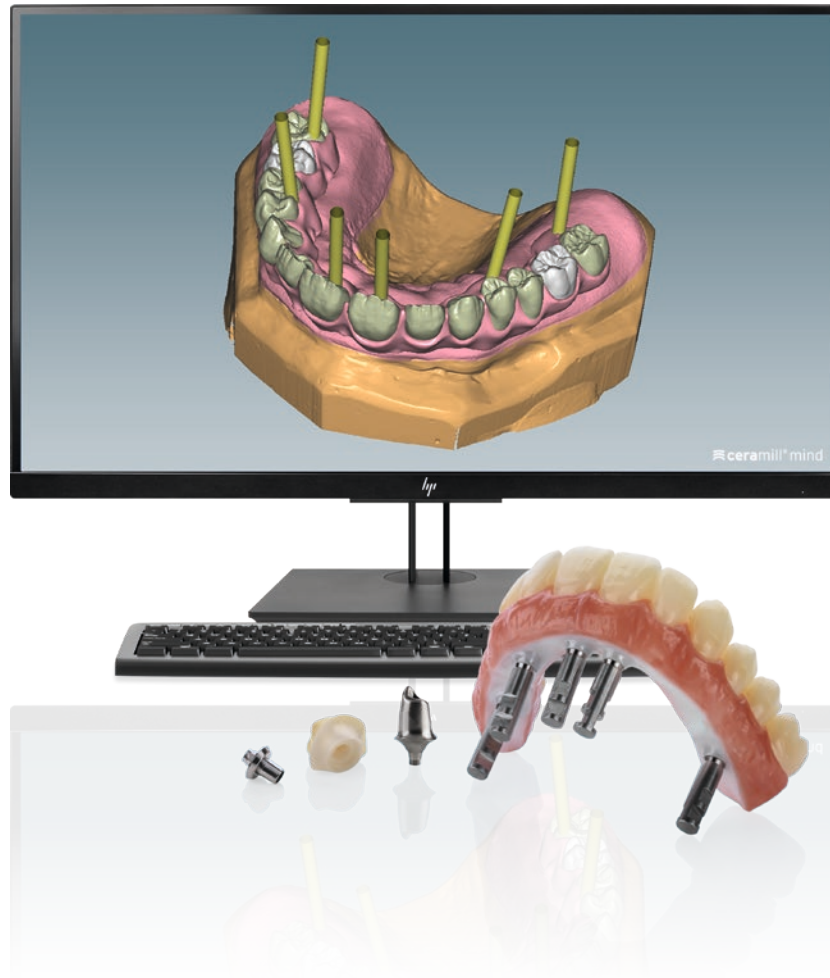
- _ Visualization of the final restoration already before fabrication of the denture**
- _ Increases the satisfaction and acceptance of the patient by transferring esthetic planning into real life pictures**
- _ The inclusion of facial proportions as well as predefined auxiliary lines simplifies esthetic planning**
- _ Automatic transfer into 3D design and the wizard guided Ceramill workflow for maximum comfort**
- _ Full flexibility: Applicable for all available indication types**



Preview of final situation

IMPLANT PROSTHETICS

FABRICATION OF CUSTOMISED ABUTMENTS, SCREW-RETAINED BRIDGES AND BAR CONSTRUCTIONS



Increased demands on aesthetics and quality of life ensure unabated continuing advances in implantology. An ideal approach to bring high demands with low costs under one hat is fabrication of customised titanium abutments in the laboratory. With the in-house concept surrounding the Ceramill milling units and the CAD software Ceramill Mind, Amann Girrbach makes it possible to manufacture abutments for all common implant systems and techniques with maximum precision and with full value creation.

CERAMILL IMPLANT PROSTHETICS UPGRADE MODULES

Upgrade module ►

ceramill® m-plant

Fabricate customised abutments and screw-retained bridges digitally using the Ceramill system.



Upgrade module ►

ceramill® m-gin

Fabricate an implant bridge with gingiva section reliably, quickly and very easily.



Upgrade module ►

ceramill® m-bars

Design customised bars made from Ceramill Sintron (CoCr) or wax.



Upgrade module ►

ceramill® dicom viewer

Communication and visualisation module based on Dicom data.



Accessory ►

Accessories for implant prosthetics

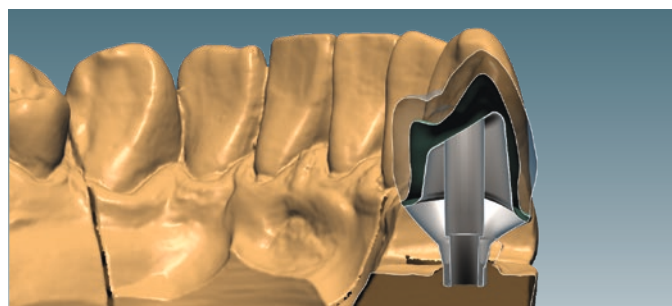
Titanium bases for individual single abutments and multi-pontic, screw-retained restorations as well as titanium abutment blanks for all common implant systems.



Accessories for the fabrication of implant-supported restorations can be found in our "Ceramill Implant Prosthetics" catalogs or online at www.amannirrbach.com/downloads

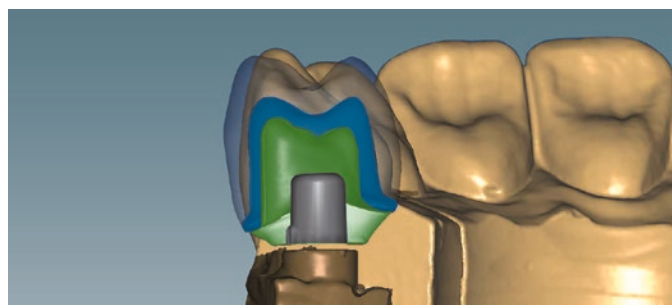
CUSTOMISED IMPLANT ABUTMENTS FOR ALL CONVENTIONAL SYSTEMS AND TECHNIQUES

Ceramill M-Plant is an upgrade module for the Ceramill Mind design software and upgrades it with the function to design customised titanium and hybrid abutments as well as customised, screw-retained bridges on conical titanium bases made from zirconium oxide, CoCr sinter metal, PMMA (stained), wax, titanium, CoCr (milled). Corresponding libraries of all common implant systems are available for Ceramill M-Plant, which are continuously being expanded.



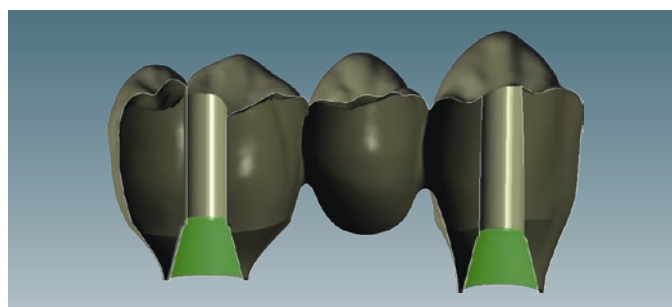
CUSTOMISED, ONE-PIECE TITANIUM ABUTMENTS

Fabrication of individual, one-piece titanium abutments in the Wizard guided Ceramill workflow.



CUSTOMISED HYBRID ABUTMENTS

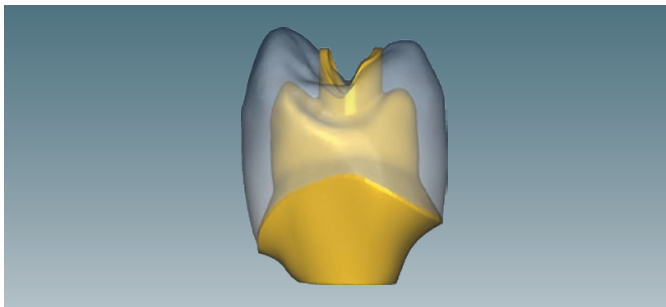
Fabrication of individual abutments on titanium bases.



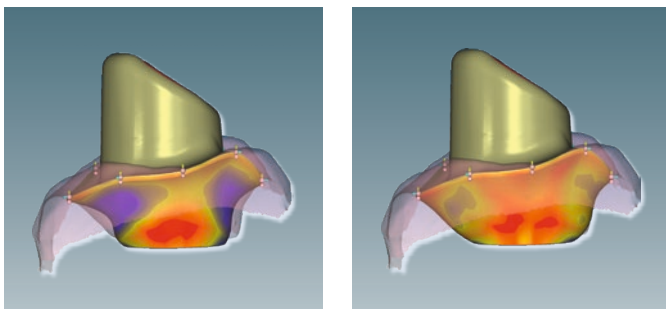
MULTI-UNIT, SCREW-RETAINED BRIDGES AND BAR CONSTRUCTIONS

Fabrication of multi-pontic, screw-retained bridges and bar constructions on titanium bases.

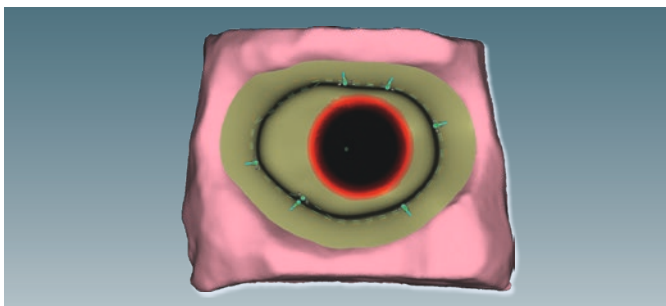
The clearly structured design of the user interface enables an effortless and easy construction of abutments and bridge restorations. The different functions available for the free and flexible design of abutment and emergence profile provide a high degree of freedom for the customised design and natural aesthetics of the final restoration.



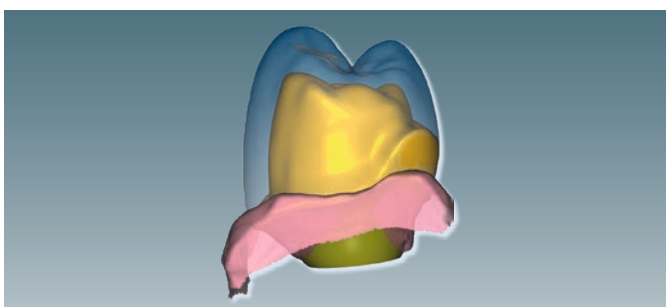
Extension of the screw channel to the occlusal surface facilitates veneering of the screw-retained abutment and protects the screw channel against porcelain material.



Customised adaptation of the gingival emergence profile.



Contouring of abutments with rotational security and analogous to the shape of the natural tooth.



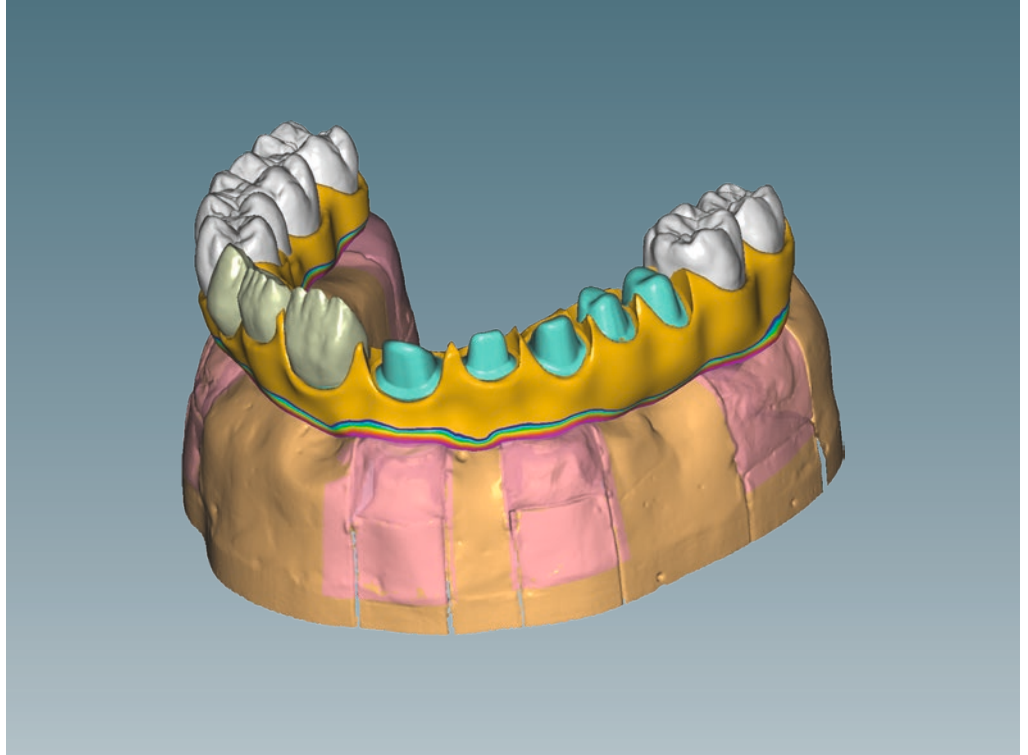
Possibility of automatic, customised design of the collar for supporting the porcelain.

REAX FULL CONTOUR & HYBRID - THE SAFE, FAST, DIGITAL AND EASY ROUTE TO THE SCREW-RETAINED BRIDGE WITH GINGIVA PORTION

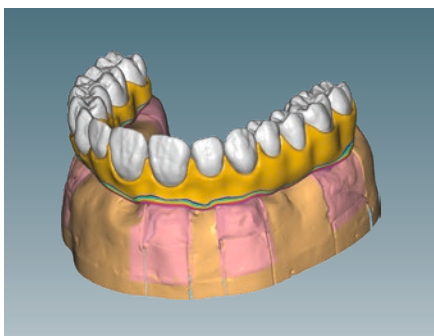
With the Ceramill M-Gin software module, it is possible to design the supra-structure as well as the individual crowns in only a single software step and without manual post-finishing within a coordinated and validated digital workflow. The combination of specially coordinated design parameters and a variety of validated materials make this Ceramill workflow unique. With the Ceramill Mindforms digital tooth library, which includes a Cutback as well as an optimized Thimble Library, all conceivable design variations can be reliably produced in first-class quality, regardless of whether they are monolithically, anatomically or vestibularly reduced.

REAX Full Contour - enables full zirconia frames with a large span and gingiva to be fabricated using the high-strength yet highly esthetic zirconia Zolid HT+ / Zolid Gen-X. The automatic cutback option and 5-axis ultra high definition milling machines provide for an unmatched esthetic appeal.

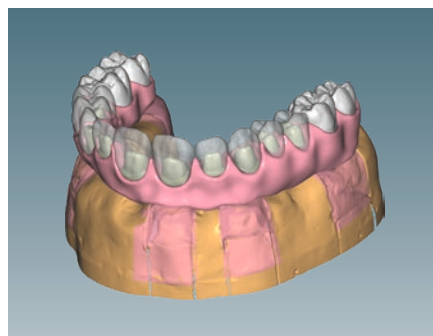
REAX Hybrid - with an unmatched variety of design options as well as validated materials and in cooperation with leading industry partners, REAX Hybrid represents the next level of advanced CAD/CAM in the Ceramill System.



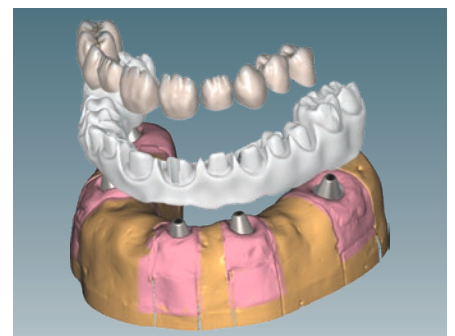
- _ Highly profitable restorations with maximum individuality in record time**
- _ Matched processes and materials create maximum safety and efficiency**
- _ Special design parameters and validated milling strategies reduce rework to a minimum**
- _ No limits for individual esthetic, therapeutic and efficiency requirements**



Setup of the teeth and free forming of the gingival regions



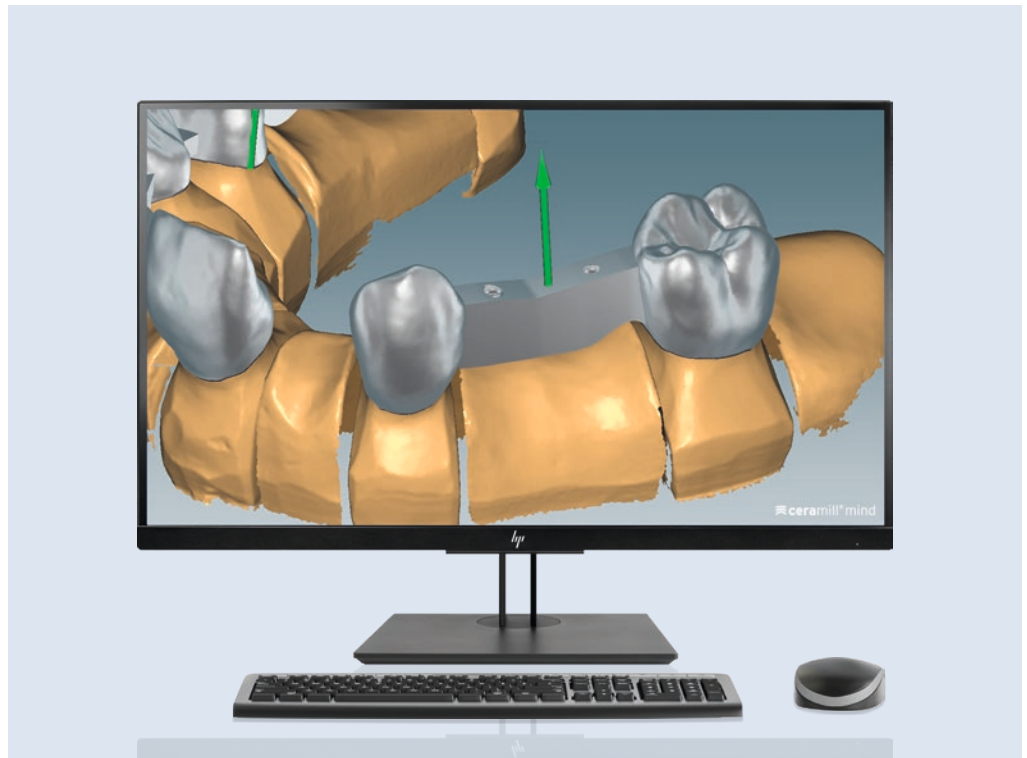
Automatic cutback and Thimble function



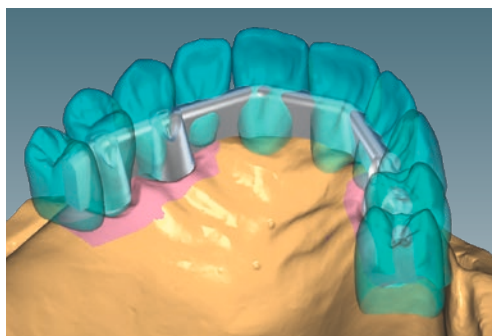
Designing the supra-structure and the individual crowns in a single step

INHOUSE FABRICATION OF CUSTOMISED BARS MADE FROM CERAMILL SINTRON (CoCr) OR WAX

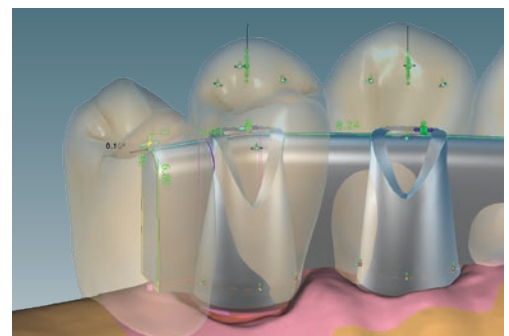
Ceramill M-Bars enable fabrication of customised bars made from Ceramill Sintron or Ceramill Wax. Very different bar designs, placement of attachments and retention as well as punching out of holes can also be implemented. The bar can then be fabricated inhouse using 5-axis milling machines.



- _ Precise and efficient in-house fabrication of stress-free, implant-supported screw-retained bars on titanium bases**
- _ Great saving in time due to direct influence on the cross section, shapes and geometries of the bars during the design - no time-consuming manual modelling required**
- _ Diverse design and customisation possibilities due to freely adjustable parameters, e.g. height, thickness, lingual and buccal angle, minimum height and thickness**
- _ Process reliability because of predictable, reproducible results thanks to digital fabrication and controllable design parameters**



Situ scan ensures easy bar positioning



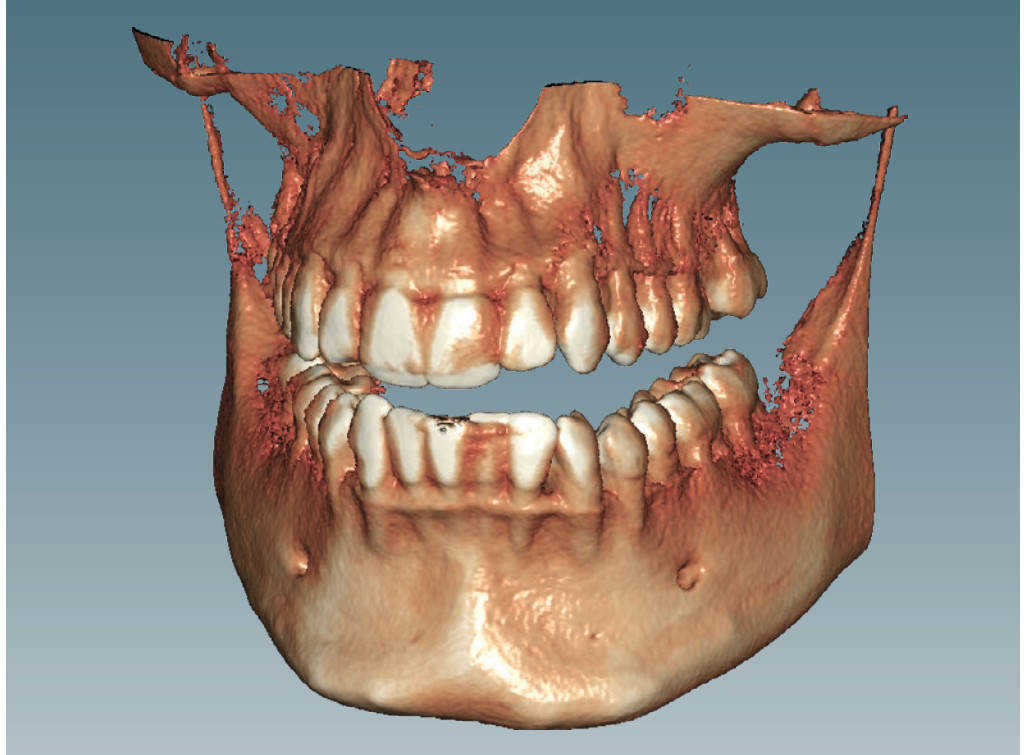
Custom-adjustable parameters such as height, thickness, lingual/buccal angle, minimum height/thickness and other diverse customisation options

VISUALISATION AND COMMUNICATION SOFTWARE BASED ON DICOM DATA

The Ceramill Mind upgrade module "Ceramill Dicom Viewer" is a visualisation and communication software. It enables data from CT or CBCT machines (Dicom format) to be imported, displayed and merged with STL data. The visualisation of superficial and deeper-lying anatomical structures of the patient, which this makes possible, enables easier, more precise communication between the dentist and laboratory.

Patient data stored as an STL data set can be accessed in the Ceramill Mind for control or information, e.g. during the design of abutments.

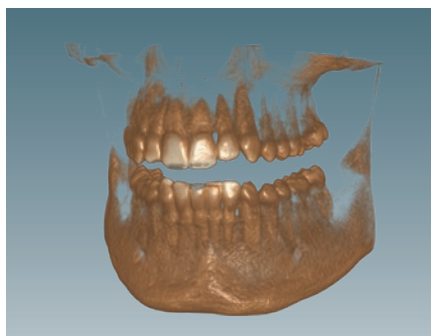
The Dicom Viewer is not intended for diagnostic or medical purposes.



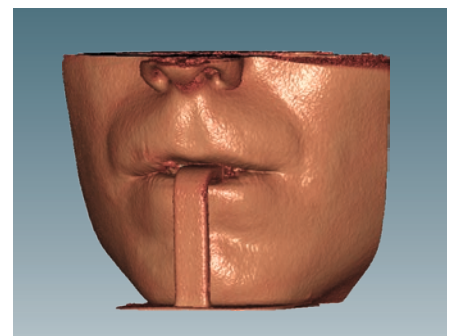
- _ Visualisation of Dicom formats and merging with STL data in the Ceramill Mind CAD software**
- _ Quality assured patient treatment due to easier, more precise communication between the dentist and laboratory**
- _ Control and information possibility during the design, e.g. of abutments**



Dicom data as 3-dimensional radiographic image



Display of deep lying structures



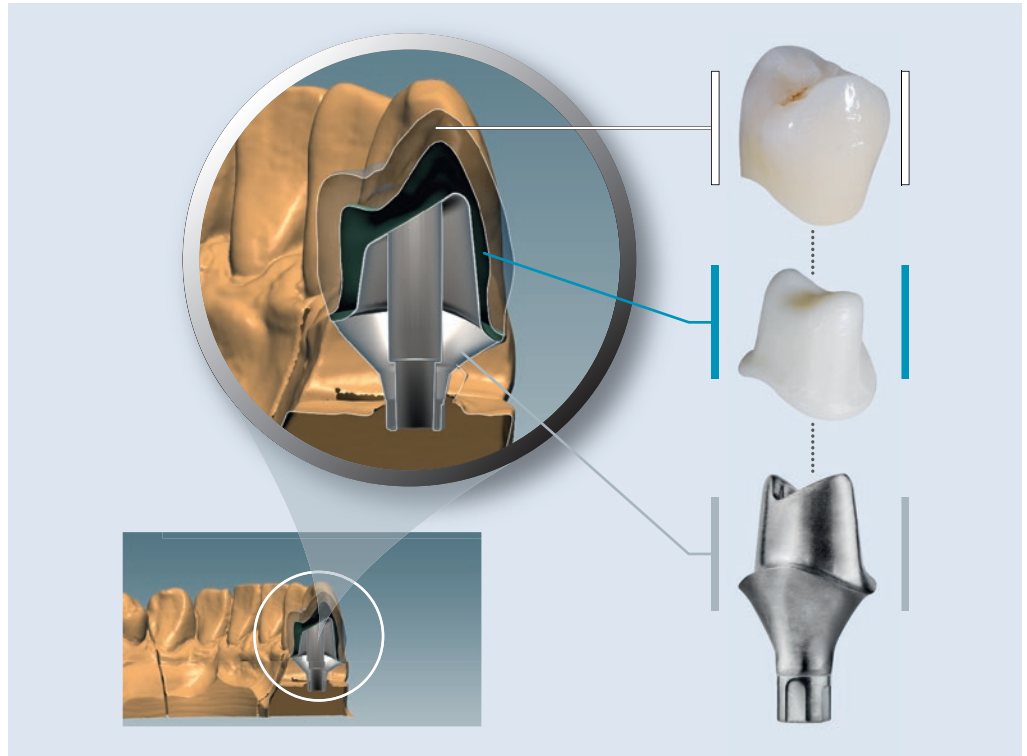
Visualisation of superficial facial structures

TITANIUM ABUTMENT BLANKS WITH PREFABRICATED CONNECTION GEOMETRY

The Ceramill TI-Forms process stands for the processing of titanium abutment blanks with pre-fabricated connection geometries, which can be individually designed with the Ceramill M-Plant module. The blanks are available for a wide range of conventional implant systems, which is continuously extended.

The Ceramill portfolio has been extended to include original titanium abutment blanks, which can be processed highly precisely inhouse by Ceramill users with unlimited service, support and guarantee.

Other blanks with original connection geometries in validation.



_ Smooth workflow ensures efficient, cost-effective working processes with highly precise final results

_ Free, flexible design of abutment and emergence profile for a high degree of customised design

_ Extended product portfolio by prosthetic components from implant manufacturers with unlimited service, support and guarantee provisions

NT digital
implant
technology

MEDENTIKA
A Straumann Group Brand

NEODENT
A Straumann Group Brand

PALTOP
A Keystone Dental Company

MIS

straumann
simply doing more

BEGO

Further compatible implant systems can be found in our "Ceramill Implant Prosthetics" catalogs or online at www.amannirrbach.com/downloads

CERAMILL TI-FORMS

Implant manufacturer	Implant systems
Altatec®	Camlog®, Conelog®
BEGO Implant Systems®	Semados® S / RI / RS / RSX
BIOMET 3i®	External Hex
Bredent Medical®	SKY®
DENTSPLY Implants®	ASTRA TECH OsseoSpeed® EV, ASTRA TECH OsseoSpeed® TX, XiVE® S
Medentis Medical®	ICX®
Nobel Biocare®	Brånemark®, NobelActive®, NobelReplace® Conical, NobelReplace® Tapered
Straumann®	Bone Level®, Tissue Level®
Zimmer Dental®	Tapered Screw-Vent®

TITANIUM ABUTMENT BLANKS FROM IMPLANT MANUFACTURERS

Implant manufacturer	Implant systems
Straumann	BoneLevel®
Straumann	SynOcta®
MIS**	CI, V3, Seven, M4
BEGO	Semados® SC/SCX/RS/RSX/RI**
Neodent	WS, HE, IIPPlus, GM, CM
Paltop	SP, NP, Conical, WP

* All components for implant systems not listed in our catalogs are to be obtained from the manufacturer.

** With platform switching design.

INHOUSE FABRICATION OF CUSTOMISED, ONE-PIECE TITANIUM ABUTMENTS

The Titanium abutment blanks, which are available for a wide range of conventional implant systems, obtain an excellent surface quality due to the "rotational milling" technology. In contrast to conventional milling in which the blank generally remains in a static position, the blank rotates continuously around its own axis during multipass milling. This not only saves the travel paths of the cutters but also ensures that material is removed uniformly and homogeneously and creates surfaces with an equally precise and smooth finish.

Only a special adapter is required which can be used to upgrade already installed Ceramill milling machines with a wet milling function for processing blanks.



- _ High saving in time and maximum value creation thanks to inhouse fabrication**
- _ High precision of the abutments due to prefabricated implant-connection geometries**
- _ Maximum protection for the industrially manufactured implant interface by only gripping the abutment on the face side**
- _ Excellent surface quality due the "rotation milling" technique**
- _ Blanks available for all conventional implant systems**

More information on the Ceramill TI-Forms process as well as accessories for the fabrication of implant-supported restorations can be found in our "Ceramill Implant Prosthetics" catalogs or online at www.amanngirrbach.com/downloads



Wet machining of a titanium abutment blank using the "rotary milling" technique



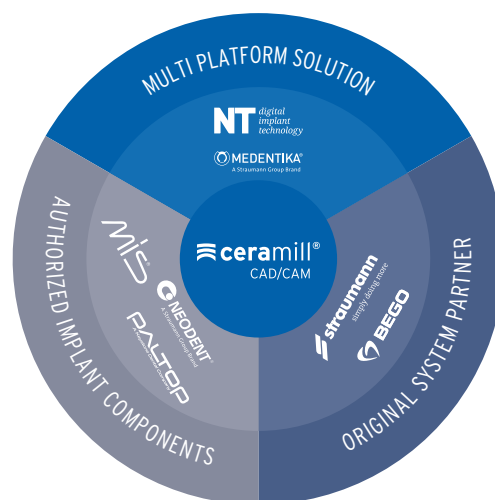
Titanium abutment blank and titanium abutment milled with the TI-Forms process



Ceramill TI-Forms upgrade kit for Ceramill Motion 2 5X

IMPLANT PROSTHETICS FOR CERAMILL CAD/CAM

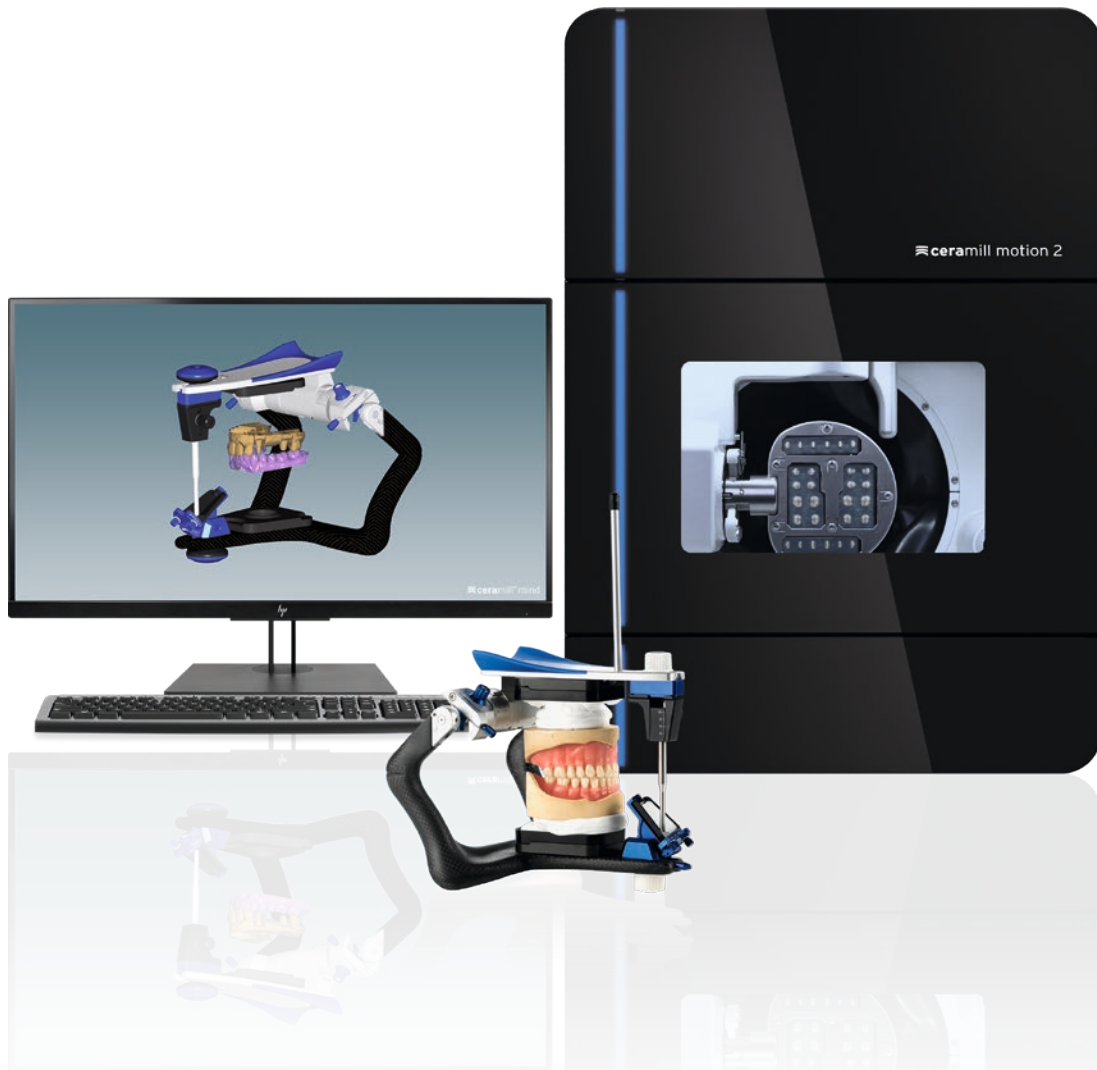
An extremely wide product portfolio is available for the fabrication of implant-supported restorations with the system components of our Ceramill implant prosthetic range. We are individually adapting our range perfectly coordinated to your requirements or options. In accordance with the holistic philosophy of Amann Girrbach, all AG implant prosthetic components have been seamlessly integrated into the Ceramill CAD/CAM system architecture. You benefit from a high degree of process reliability, maximum precision and an efficient laboratory routine. Our range is continually being extended to include new implant lines to ensure maximum variety.



Multi Platform Solution für Ceramill CAD/CAM	Original System Partner für Ceramill CAD/CAM	Authorized Implant Components für Ceramill CAD/CAM
All from one supplier and can be ordered from Amann Girrbach	All from one supplier and can be ordered from Amann Girrbach	Obtain data from Amann Girrbach and purchase parts from implant manufacturers
We provide innovative solutions for a variety of implant restorations with the Multi Platform Solution for Ceramill CAD/CAM Extensive implant prosthetic components for all conventional implant systems and treatment options are being continually extended.	Prosthetic components from ORIGINAL implant companies Premium implant manufacturer quality now in-house using Ceramill CAD/CAM	Prosthetic components from ORIGINAL implant companies Individual integration of implant libraries in the open Ceramill system
+ Excellent precision in combination with excellent price-performance ratio	+ Original implant connection geometries > including maximum value creation and precision	+ Continually increasing selection of available implant prosthetic components of regional and nationwide implant manufacturers
+ Innovative, individual implant prosthetic solutions - the variety is being continually extended	+ A perfectly matching system: coordinated design in combination with highly precise fabrication in the Ceramill CAD/CAM system	+ Original implant connection geometries > including maximum value creation and precision
+ Design and results perfectly coordinated to the Ceramill system	+ Fully integrated prosthetic components in the Ceramill system	+ Manufacturer's guarantee
+ Perfect and fully integrated solutions for the Ceramill system	+ Manufacturer's guarantee	

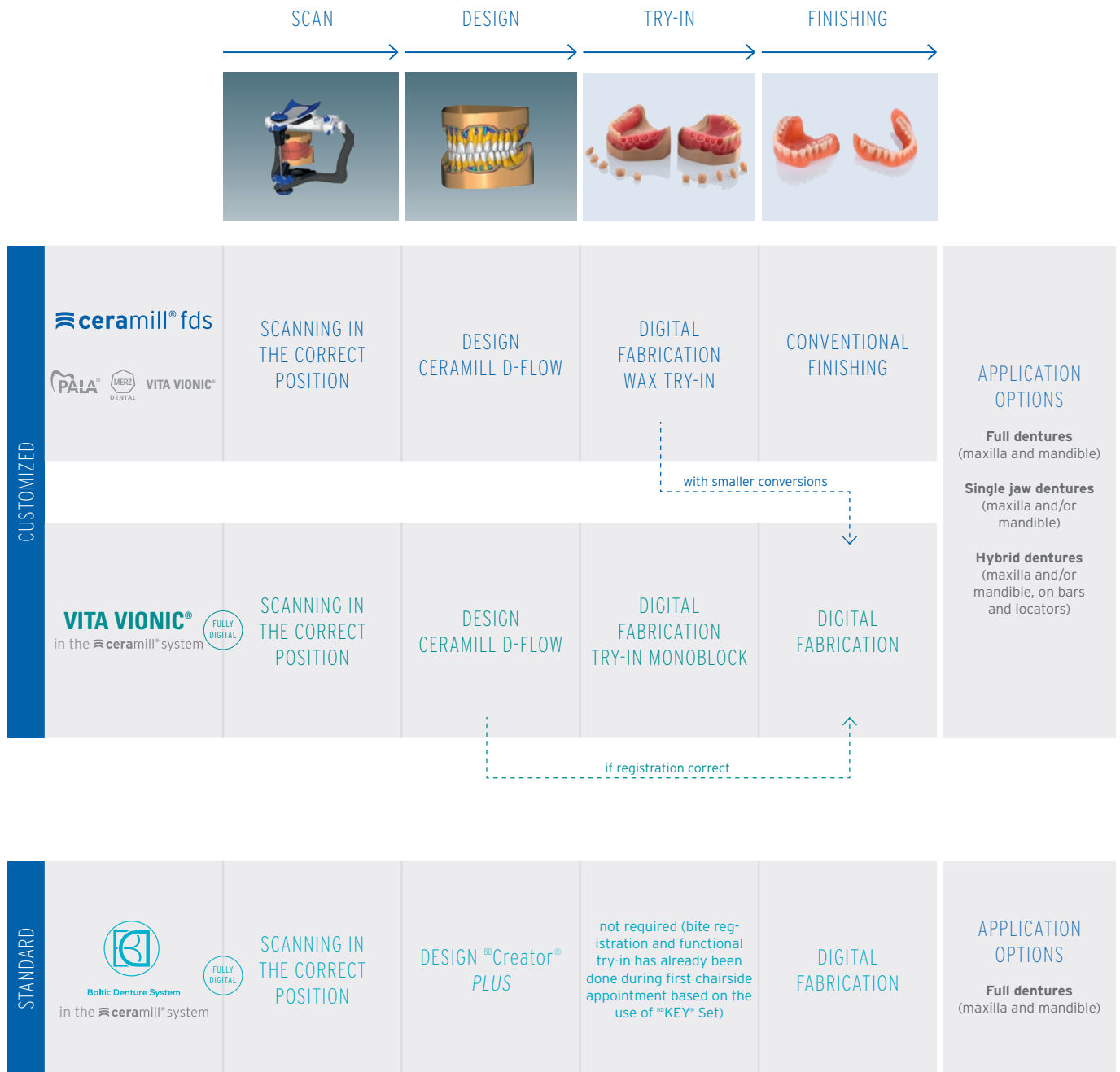
FULL-DENTURE PROSTHETICS

DIGITAL FULL-DENTURE PROSTHETICS ACCORDING TO
DENTAL TECHNOLOGY LOGIC - PRECISE, CUSTOMISED, AESTHETIC.



Digital full-denture prosthetics has now arrived in modern dental and practice laboratories with the Ceramill Full Denture System and enables the entire fabrication process of full-denture prosthetics up to the wax try-in of CAD/CAM-based dental technology to be implemented. Fabrication via a wax try-in in combination with the seamless linking of all software and hardware components allows full dentures to be custom-fabricated with process reliability, economically and taking all functional and aesthetic parameters into consideration. The outcome is consistently perfect results - without financial risks for the laboratory, yet allowing unlimited freedom for aesthetics and function.

FULL DENTURE PROSTHETICS PROCESSES IN THE CERAMILL SYSTEM



SOFTWARE AND HARDWARE COMPONENTS FOR THE CERAMILL FDS

Full-denture prosthetics ▶

ceramill® d-flow

Design of full dentures taking all functional and aesthetic parameters into consideration.



Full-denture prosthetics ▶

ceramill® motion 2 5X ceramill® matik

5-axis hybrid system for wet and dry processing.



Full-denture prosthetics ▶

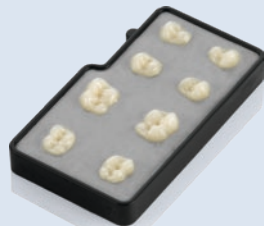
ceramill® d-set

Patented denture tooth blanks with commercially available, high-quality denture teeth and Ceramill D-Wax blank for fabricating the wax base.

VITA VIONIC® SOLUTIONS



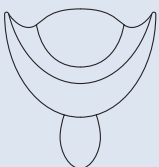
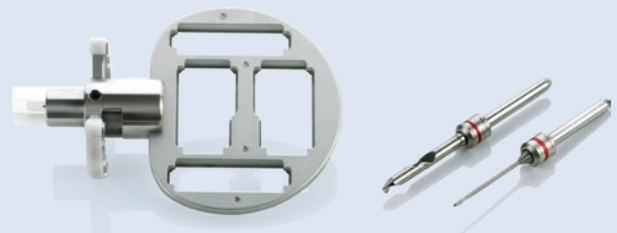
KULZER
DENTAL CHEMICALS GROUP



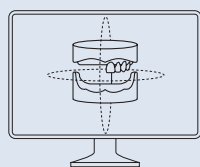
Accessories ▶

Accessories

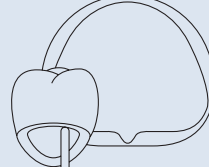
Blank holders and milling tools for perfect fabrication.



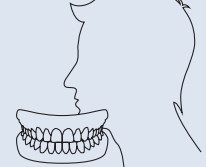
Impression taking and digitisation of patient data



Model scan and functional design



Milling the wax base / adapting the tooth bases and if necessary, the occlusion.



Functional denture with possibility of conversion

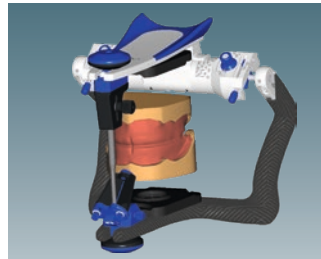
VITA VIONIC - OFFICIAL CERAMILL CAD/CAM SYSTEM PARTNER

DIGITALISE THE PATIENT SITUATION



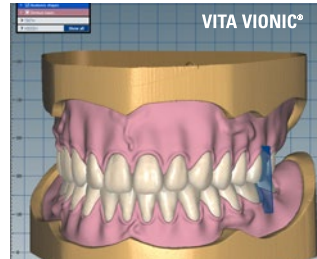
Functional scanning and digitalisation of patient data with Artex articulators and Ceramill transfer kit

SCANNING



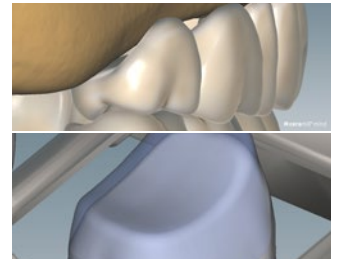
Scanning of the patient data using the Ceramill Map 400 scanner

DESIGNING



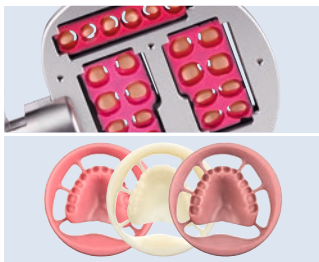
Design of the full denture using the Ceramill D-Flow software

BASAL AND OCCLUSAL ADAPTATION IF NECESSARY



Conical basal adaptation of each tooth for a perfect fit in the tooth sockets, particularly important when milling acrylic denture bases

MILLING (WET) IN ACRYLIC OR WAX



VITA VIONIC blanks

CONNECTING USING WAX OR ADHESIVE



VITA VIONIC BOND - for fixation of the denture teeth in the acrylic base

CONTROL



Control of the function with the possibility of adjustment (wax try in) and removal of high spots

- _Time saving:** Full dentures 100 % digital, no manual pressing procedure
- _Safety:** Try-in at the patient mouth using the monoblock denture feature
- _Full denture knowledge integrated:** 4 different setting up concepts available in the CAD software
- _Highly individual:** Position of denture teeth can be customized in the CAD Software
- _Process safety:** 100% integrated in Ceramill FDA for a smooth workflow
- _Quality:** Due to minimal residual monomer of the resin denture bases

VITA VIONIC® SOLUTIONS



VITA VIONIC Frames



VITA VIONIC Wax for the try-in and VITA VIONIC Base for the resin denture base



VITA VIONIC Bond - Fixation components for denture teeth and VMLC Flow finishing components

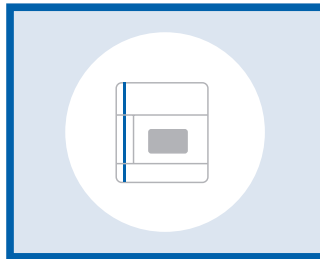
BALTIC DENTURE SYSTEM - OFFIZIELLER CERAMILL CAD/CAM SYSTEM PARTNER

PRACTICE & PATIENT

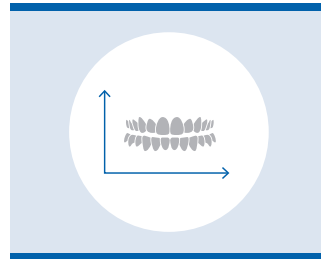
DENTAL LAB



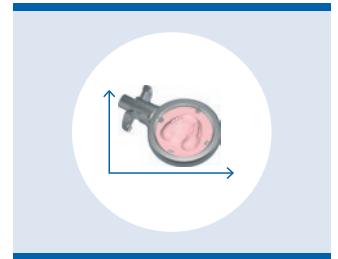
Functional impression, bite registration and transfer, all in one with the [®]KEY Set



Ceramill DB
Ceramill Map 400/600



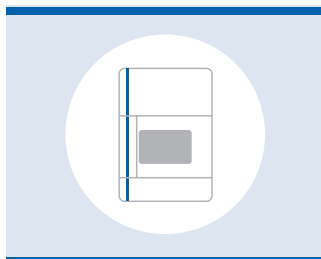
[®]Creator PLUS



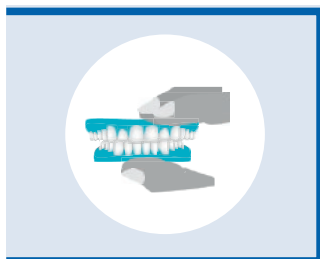
Ceramill Match 2

DENTAL LAB

PRACTICE & PATIENT



Ceramill Motion 2 5X



Finishing



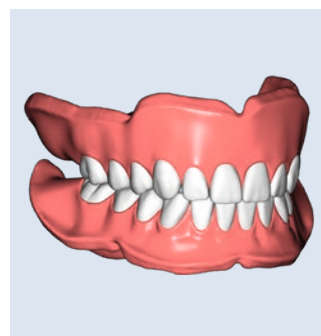
Fitting



Dentist Set: BD-Key-Set, [®]Key PMMA, [®]Impress



Scan holder for Ceramill Map 400
Blank holder for Ceramill Motion 2 5X



[®]Creator PLUS - CAD Software



[®]Loads -prefabricated denture blanks

INDIVIDUAL DIGITAL PARTIAL DENTURE FRAMEWORKS

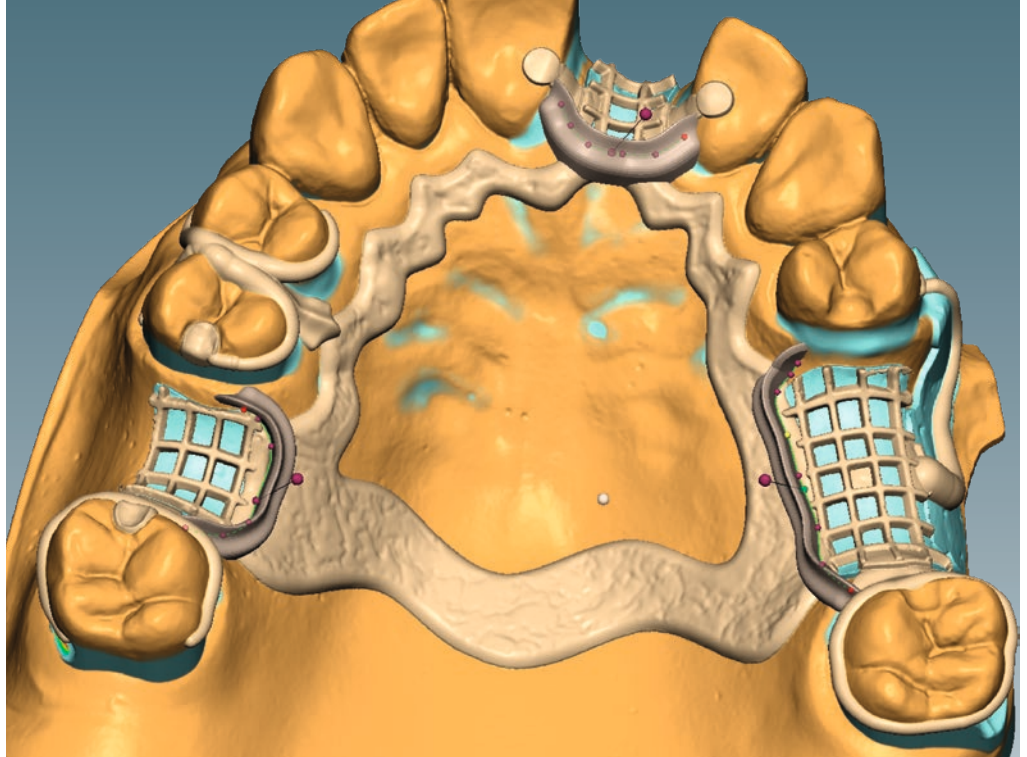
The Ceramill M-Part software module was developed specifically for preparing customized partial denture frameworks for the milling and printing process.

The dental technician's dental experience is transferred directly into the digital environment, making the laboratory workflows considerably easier.

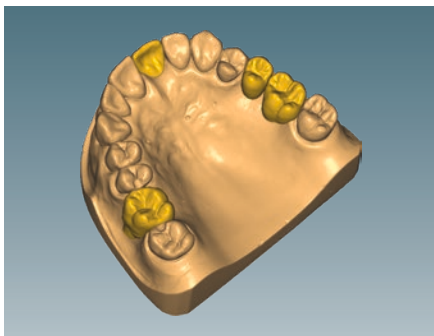
The coordinated workflow in the Ceramill Mind and the option of digital backward planning lead to a perfect design of the frameworks for partial dentures.

Blocking of undercuts is performed automatically and at the push of a button. The connectors and clasp arms are created according to individual parameters, thus offering greater process safety in the laboratory.

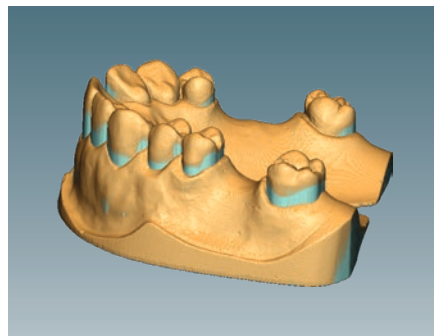
Retention grids are automatically blocked with a defined value and are therefore optimally prepared for later completion in resin.



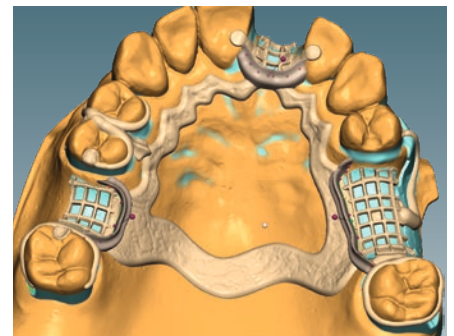
- _ High time gains through automatic blocking of undercuts at the push of a button and reproducibility just-in-time**
- _ Economic efficiency in the laboratory - fabricating frameworks for partial dentures digitally without great effort at good prices**
- _ Process safety & efficiency through matched workflow and easy-to-check design results**
- _ Digital backward planning offers a high safety level for framework design**



Virtual backward planning



Precise identification of the prosthetic equator and the thus resulting undercuts as well as automatic blocking of the undercuts in defined insertion direction



Optimal clasp and connector design as well as easy profile design of the transition between metal and acrylic



PRODUCTION / CAM

≡ ceramill® matik	69
≡ ceramill® mikro	70
≡ ceramill® motion 2	73
≡ ceramill® match 2	78
≡ ceramill® mindserve	79
NextDent for ≡ ceramill®	80

DNA GENERATION.
POWER + DENTAL INTELLIGENCE = PERFORMANCE



Our milling machines are fully created inhouse and exclusively at Amann Girrbach headquarters in Koblach, Austria. Based on our decades of experience in CNC technology and strong development skills we have the expertise to develop and manufacture our machines inhouse from scratch. Inhouse development of all elementary components, and in particular the new control units, allows us to meticulously adapt and continually further develop our milling units to the specific requirements of dental technology. A distinctive profile emerges in terms of precision, speed and CAM processes, precisely adapted to the mechanical quality of dental materials - we call it the "Ceramill DNA."

CAD/CAM THINKS FASTER, NOW.

ceramill® mikro 4X

Easy entry or efficient upgrading.



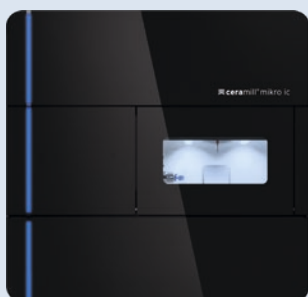
ceramill® mikro 5X

5-axis technology concentrated in minimum space.



ceramill® mikro ic

The power pack for highly efficient wet processing.



ceramill® motion 2

One for all – all in one.



ceramill® matik

The Full Service Unit - highest level of automation



THE CORRECT SOLUTION FOR EVERYONE.

Maximum precision, future-security and full inhouse value creation due to maximum material and indication diversity form the basis of the Ceramill machine concept.

CERAMILL MATERIAL	MATERIAL	PROCESS WET/DRY	
Ceramill Sintron	CoCr sinter metal	~	
Ceramill Zirconia (LT, HT, SHT)	Zirconia	~	
Ceramill Wax	Milling wax	~	
Ceramill A-Cast	Acrylic, transparent	~	
Ceramill A-Temp / Ceramill A-Temp Multilayer	Acrylic, PMMA stained	~	
Ceramill A-Splint	Splints-acrylic, PMMA	~	
Ceramill M-Plast	Model plastic	~	
Ceramill D-Wax	Denture acrylic	~	
Ceramill TI-Forms	Titanium	~	
Ceramill PEEK	Polyetheretherketone	~	
VITA SUPRINITY® PC	Lithium silicate ceramic, zirconium-oxide reinforced	~	
VITA ENAMIC®	Hybrid ceramic	~	
VITABLOCS® Mark II / TriLux forte	Glass-ceramic	~	
IPS e.max CAD, Ivoclar Vivadent	Lithium disilicate ceramic	~	
Ceramill CoCr			
INDICATIONS			
Crown/bridge anatomically reduced			
Crown/bridge fully anatomical			
Implant bridge with gingiva section			
Inlay/Onlay/Veneer			
Overpress fully anatomical			
Telescope			
Attachment			
Titanium abutment (customised)			
Bridge on conical titanium bases			
Multi-unit, screw-retained restoration on titanium bases			
Bar on titanium base			
Bite raising appliance			
Eggshell temporary restoration			
Full denture			
Digital model fabrication			

ALL-IN



	MILLING	MILLING	MILLING*, GRINDING, CARVING, THRILLING	MILLING, GRINDING, CARVING, THRILLING	MILLING, GRINDING, CARVING, THRILLING
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				○	○

ENGINEERED, PRODUCED AND TESTED IN AUSTRIA



PRODUCTION UNITS



ceramill® mikro



- MILLING



ceramill® mikro ic



- MILLING
- GRINDING
- CARVING
- THRILLING



ceramill® motion 2



- MILLING
- GRINDING
- CARVING
- THRILLING

FULL SERVICE UNIT



ceramill® matik



- MILLING
- GRINDING
- CARVING
- THRILLING
- AUTOMATION
- STOCK MANAGEMENT

TIME IS ON YOUR SIDE

Ceramill Matik opens up a still unique segment within the digital dental world. As the first full service unit, it combines three machines in one. Apart from the actual processing station, the system also performs the functions of a fully automated stock management system as well as a machine cleaning device.

The support in loading, cleaning and in material management allows massive time savings in everyday laboratory routines. Furthermore, additional software tools help to make optimum use of the materials and the tools. Due to RFID*, it does not matter whether the resources to be used are placed inside or outside the system.

Yet another highlight is the newly designed 5X machining station. In development, for example, the main focus was on the maximum diversity of indications and materials. Ceramill Matik therefore offers innovative processing methods such as the patented carving mode (60 % time saving), thrilling (production of one-piece abutments) and speed milling of acrylic materials, as well as the maximum material range from hard and brittle block materials to zirconium and PMMA materials and metal materials.



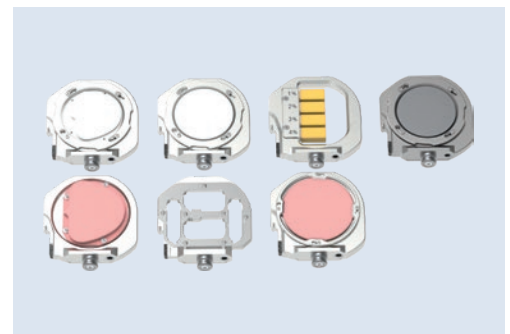
- _High performance milling, grinding, carving (patented), thrilling due to DNA grinding/milling strategies**
- _Maximum material and indication diversity through 5-axis wet and dry machining in a single unit**
- _Innovative machining processes enable maximum ROI (e.g. rotary milling of titanium, machining of full dentures)**
- _Intelligent machine design ensures optimum protection of all electronic components during wet operation**



Autonomous cleaning due to Ceramill Cleanstream



Convenient tool trays for easy loading and changing

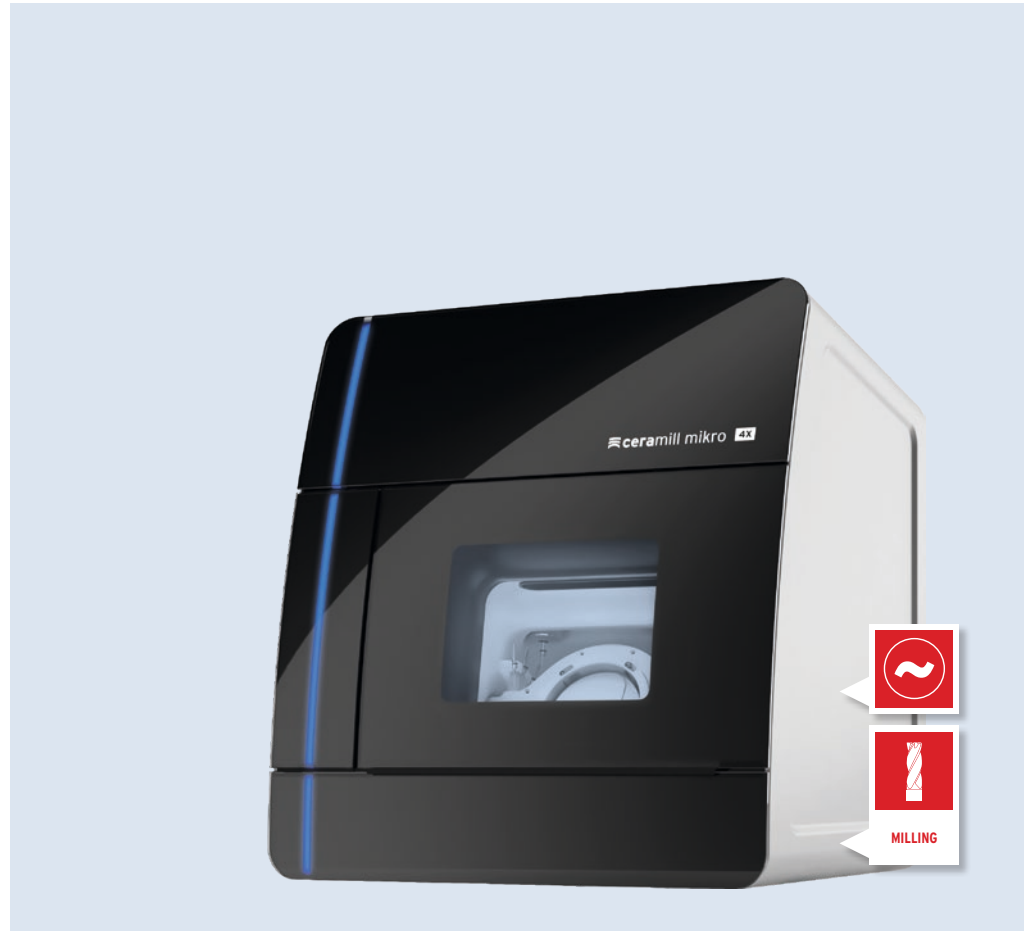


Maximum material and indication spectrum due to exchangeable holders

EASY ENTRY OR EFFICIENT UPGRADING.

Ceramill Mikro 4X is an extremely robust and compact 4-axis milling machine for dry processing blanks and single blocks such as zirconia, hybrid ceramics or dry millable composite materials.

Equipped with high-performance components for permanent stability, economy and precision with low investment costs, the Mikro enables easy entry into CAD/CAM fabrication inhouse in the laboratory or optimises the efficiency and productivity of the laboratory routine. With the full range of conventional laboratory indications, Ceramill Mikro 4X paves the way to profitable inhouse value creation, economy and accurately fitting framework quality without preparation or reworking.



- _High Performance milling due to DNA milling strategies
- _Easy entry or efficient upgrading thanks to low investment costs and high amortisation
- _Highly versatile due to 4-axis dry processing of blanks and hybrid ceramic blocks
- _Precise and durable thanks to high-quality components and robust machine design

More about Ceramill Mikro 4X at
www.amannbirnbach.com/downloads

5-AXIS TECHNOLOGY CONCENTRATED IN MINIMUM SPACE.

Splints, bars, implant bridges – the 5-axis unit Ceramill Mikro 5X not only masters conventional crown and bridge work but was also designed for fabricating more complex indications with dry millable materials. The high rigidity and stability of the machine are based on the compact construction design of the sister model Ceramill Mikro 4X, without having to forego the advantages of 5-axis technology. The result is absolutely low-vibration processing, which in combination with Ceramill control technology produces impressive precision on the blank.

Fast processing times, maximum quality and a wide range of indications and materials make the Ceramill Mikro 5X a genuine winner in the laboratory in terms of productivity.



- _ High Performance milling due to DNA milling strategies
- _ Maximum range of indications in the 5-axis dry milling
- _ Space-saving, compact design with the latest 5-axis technology
- _ Fast, stable and efficient thanks to low-vibration monocoque design
- _ High-quality machine components guarantee constantly high precision and durability

More about Ceramill Mikro 5X at
www.amanngirrbach.com/downloads



Standard milling strategies



5-axis exterior processing using Ceramill CAD/CAM

THE POWER PACK WITH THE PATENTED "CARVING MODE".

This compact 4-axis milling unit extends inhouse fabrication of conventional laboratory indications to include the option of wet grinding/milling. Titanium abutment blanks can also be processed with this unit in the same way as composites, hybrid and glass-ceramics. The monocoque design, the solidly designed axis system as well as powerful high-frequency spindles transfer the respective milling strategies precisely and at high feed speeds to the workpiece. This is particularly effective when grinding in the "Carving Mode". This innovative grinding process reduces the processing times of single blocks up to 60%. With the new "Thrilling Mode", it is also possible to "thrill" block assemblies including the connection geometries from standard CAD blocks. This is yet another profitable in-house indication which finds its way back into the laboratory and expands the versatile Ceramill CAD/CAM portfolio.



- _ High Performance processing due to DNA milling/grinding strategies
- _ Patented "Carving mode" reduces the processing time of individual blocks by approx. 60%
- _ Solid design enables the highest degree of precision with maximum feed rates
- _ Special holder design ensures easy handling and accuracy when processing hard materials (titanium, glass-ceramics etc.)

More about Ceramill Mikro IC at
www.amannbirnbach.com/downloads



Highly precise processing of titanium abutment blanks using the rotational milling technique



Grinding in the carving mode reduces processing times by up to 60%

ONE FOR ALL - ALL IN ONE.

The Ceramill Motion 2 is a benchmark in terms of the range of indications and materials inhouse. The 5-axis milling unit combines wet and dry processing in one unit and enables the value-creation chain to be kept virtually completely inhouse in the laboratory. The Ceramill Motion 2 can be used either as a purely dry or wet unit or in combined operation for an unlimited range of materials and indications.

Equipped with the innovative control technology and robust machine concept from Amann Girrbach, the Ceramill 2 is guaranteed to be future-proof, economic and precise. Furthermore, the innovative machining strategies for the rotational milling of Ti Preforms, the Carving Mode as well as the Thrilling Mode round off the versatility of the system.



- _High Performance milling, grinding, carving (patented), thrilling due to DNA milling/grinding strategies**
- _Maximum range of materials and indications thanks to 5-axis wet and dry processing in one unit**
- _Innovative processing procedures ensure maximum ROI (e.g. rotational milling of titanium, processing of full dentures)**
- _Intelligent machine design guarantees optimum protection of all electronic components during wet operation**

More about Ceramill Motion 2 at
www.amanngirrbach.com/downloads



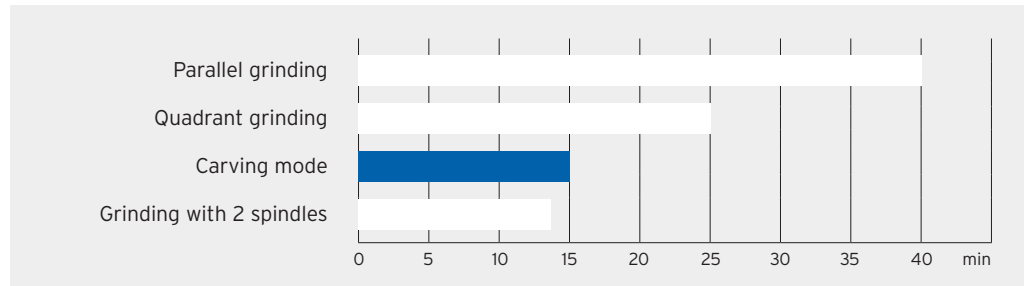
Carving of up to 3-pontic bridges



Fabrication of one-piece/multi-piece abutments from hard block materials

CARVING - SYMBIOSIS OF POWER AND INTELLIGENCE

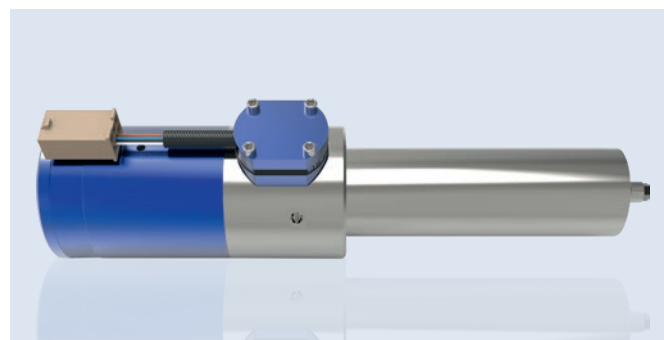
The patented Carving mode - enables glass and hybrid ceramics to be processed with a saving in time of approx. 60 %. Excess material is completely removed with this special grinding technique, which avoids grinding down the block to the actual geometry. The process, which is unique in dental CAD/CAM technology to date, results in a massive saving in time and corresponds to processing with two spindles (approx. 15 min / crown).



Time-saving "Carving mode" 	Ceramill DNA Generation DNA milling/grinding strategies* RPM: 100,000 Output: 750 W	= DNA Performance Grinding → E.g. Hybrid ceramic: Ø Processing time = approx. 15 min.
Time-consuming Parallel grinding 	Competitor (Ø performance) Standard milling-grinding strategies* RPM: 30,000 Output: 250 W	= Standard grinding → E.g. Hybrid ceramic: Ø Processing time = approx. 40 min.

* Average technical data of commercially available laboratory milling machines





The Ceramill units Ceramill Mikro IC and Ceramill Motion 2 are equipped with an extremely powerful, yet quiet-running high-frequency spindle. With a 750 W output they also mill materials difficult to process (e.g. hybrid ceramics, lithium-disilicate) with up to 100,000rpm. The spindle, drive components, control unit and tools are thereby in perfect balance. Power can only be translated into the highest precision with their perfect interplay.







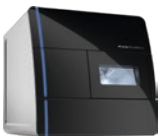





Super-high-frequency spindle mills materials with up to 100,000rpm



































up to
60%

saving in
time during
grinding

Ceramill Mikro 4X	Material Item No.	Material 71 179186	Material 98 179295	3x Composite 179245	Cutter/Grinder
					
Blanks	Zirconia	○	○		Roto
	Acrylics (Wax, A-Temp, PMMA, etc.)	○	○		Roto
	Soft CoCr	○	○		Roto
Blocks	Zirconia			○	Roto
	Acrylics (A-Temp, etc.)			○	Roto
	Hybrids			○	Roto DMB DC

Ceramill Mikro 5X	Material Item No.	Material 71 179332	Material 98 179331	3x Composite 179245	Cutter/Grinder
					
Blanks	Zirconia	○	○		Roto
	Acrylics (Wax, A-Temp, PMMA, etc.)	○	○		Roto
	Soft CoCr	○	○		Roto
Blocks	Zirconia			○	Roto
	Acrylics (A-Temp, etc.)			○	Roto
	Hybrids			○	Roto DMB DC

Ceramill Mikro IC	Material Item No.	Grinding AG/Universal 179610 179611	3x Grinding AG/Universal 179615 179616	Milling AG 179613	3x Milling AG 179617	Rotational mil- ling 179614	Cutter/Grinder
							
Blocks (grinding)	Glass-ceramics	○	○				Roto Diamond
	Hybrids	○	○				Roto Diamond
	Lithium disilicate	○	○				Roto Diamond
	Others						Roto Diamond
Blocks (milling)	Zirconia			○	○		Roto WMB DC
	TEMP/PMMA			○	○		Roto WMB DC
	Titanium					○	Roto TI

				Ceramill DNA Milling Units					Material																
	Art. Nr.	Description	Ring color	Mikro 4X	Mikro 5X	Mikro 1C	Motion 2	Matik	Zolid Zirconia	Ceramill Sintron	Ceramill M-Plast	Ceramill PMMA	Ceramill Peek	Ceramill Wax	Ceramill D-Set	Ceramill Splintec	Ceramill D-Wax	Ceramill Ti-Forms	Ceramill COCR	Glass ceramic	Lithium disilicates	Hybrid ceramics	VITA VIONIC/BDS	Solvay Ultaire AKP	VITA VIONIC Wax White
	760660	Roto RFID 2,5 ZI	grey	x	x		x	x	x																
	760661	Roto RFID 1,0 ZI	grey	x	x		x	x	x																
	760662	Roto RFID 0,6 ZI	grey	x	x		x	x	x																
	760663	Roto RFID 0,3 ZI	grey	x	x		x	x	x																
	760664	Roto RFID 2,5 Sintron	blue	x	x		x	x		x															
	760665	Roto RFID 1,0 Sintron	blue	x	x		x	x		x															
	760666	Roto RFID 0,6 Sintron	blue	x	x		x	x		x															
	760667	Roto RFID 0,3 Sintron	blue	x	x		x	x		x															
	760668	Roto RFID 2,5 PMMA	green	x	x		x	x			x	x				x									
	760669	Roto RFID 1,0 PMMA	green	x	x		x	x			x*	x	x			x									
	760670	Roto RFID 0,6 PMMA	green	x	x		x	x			x	x													
	760671	Roto RFID 0,3 PMMA	green	x	x		x	x			x*														
	760672	Roto RFID 2,0 Ti	black			x	x	x										x							
	760673	Roto RFID 1,0 Ti	black			x	x	x										x							
	760676	Diamond RFID 1,8	orange			x	x	x												x	x	x			
	760677	Diamond RFID 1,4	orange			x	x	x												x	x	x			
	760678	Diamond RFID 1,0	orange			x	x	x												x	x	x			
	760679	Diamond RFID 0,4	orange			x	x	x												x	x	x			
	760680	Roto RFID 2,5 SC	yellow		x		x	x						x		x								x*	
	760681	Roto RFID 1,0 SC	yellow				x	x						x**										x*	
	760682	Roto RFID 0,6 SC	yellow				x	x						x**										x*	
	760683	Roto RFID 0,3 SC	yellow				x	x						x**											
	760684	Roto RFID 2,5 DMB DC	white	x	x	x	x	x							x							x			
	760685	Roto RFID 1,0 DMB DC	white	x	x	x	x	x							x							x			
	760686	Roto RFID 0,6 DMB DC	white	x	x	x	x	x														x			
	760687	Roto RFID 0,3 DMB DC	white	x	x	x	x	x														x			
	760688	Roto RFID 2,5 COCR	brown					x											x						
	760689	Roto RFID 1,5 COCR	brown					x											x						
	760690	Roto RFID 1,0 COCR	brown					x											x						
	760692	Roto RFID 2,5 PMMA Denture	pink				x																x		
	760693	Roto RFID 1,5 PMMA Denture	pink				x																x		
	760697	Roto RFID 2,5 Model	red				x	x		x															
	760698	Roto RFID 2,0 Model	red				x	x		x															
	760694	Roto RFID 1,2 Drill	green				x	x																	
	760695	Roto RFID 1,0 Wax Denture	red				x										x							x	
	760696	Roto RFID 3,0 Wax Denture	red				x			x							x							x	
	181205	Roto RFID Calibration pin	purple		x			x																	

* Processing only possible with Ceramill Matik and Ceramill Motion 2

** Processing only possible with Ceramill Matik

HIGH DEFINITION CAD/CAM FOR ALL MATERIALS AND INDICATIONS

MILLING IN HD QUALITY:

Thanks to the interplay of highly precise (super-) high-frequency spindles, meticulously developed milling strategy and ultra-thin HD cutters the entire range of millable Ceramill CAD/CAM materials can be processed to a high level of quality that sets new standards.

STANDARD

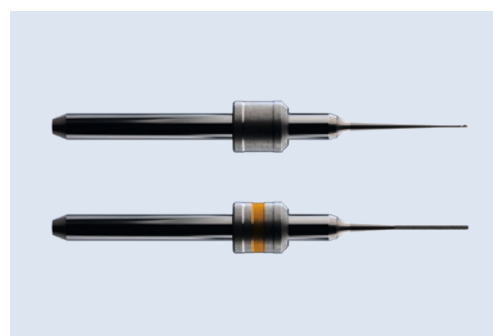
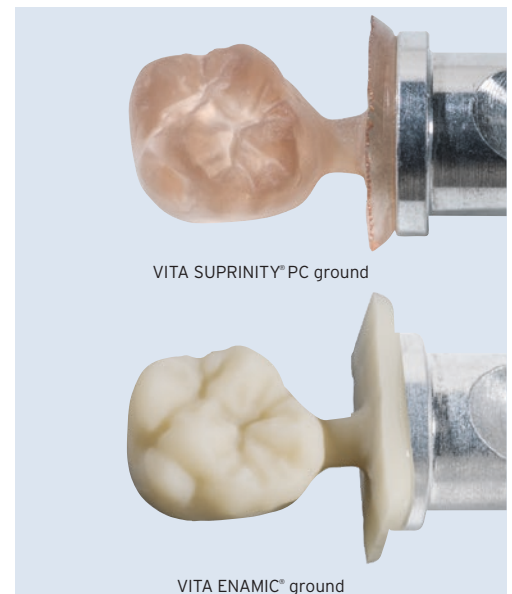
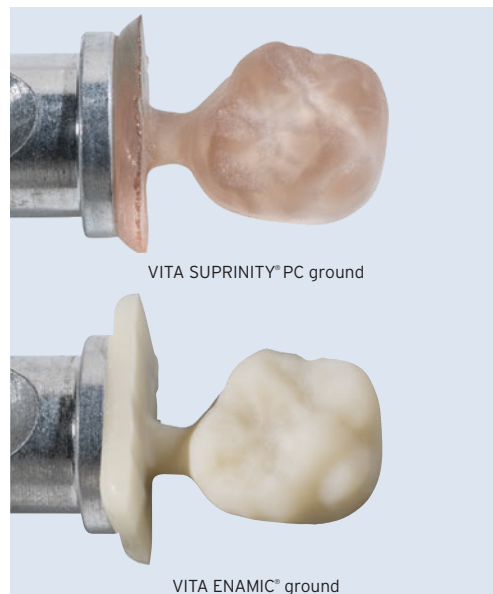


HIGH DEFINITION (HD)



GRINDING IN HD QUALITY:

Materials can be processed in unique precision using ultra-thin, yet highly stable diamond cutters and a milling strategy specially developed for these tools. The result is frameworks with typical, characteristic occlusal surfaces, finest fissures and detail definition which was previously only found after veneering or with a natural tooth.



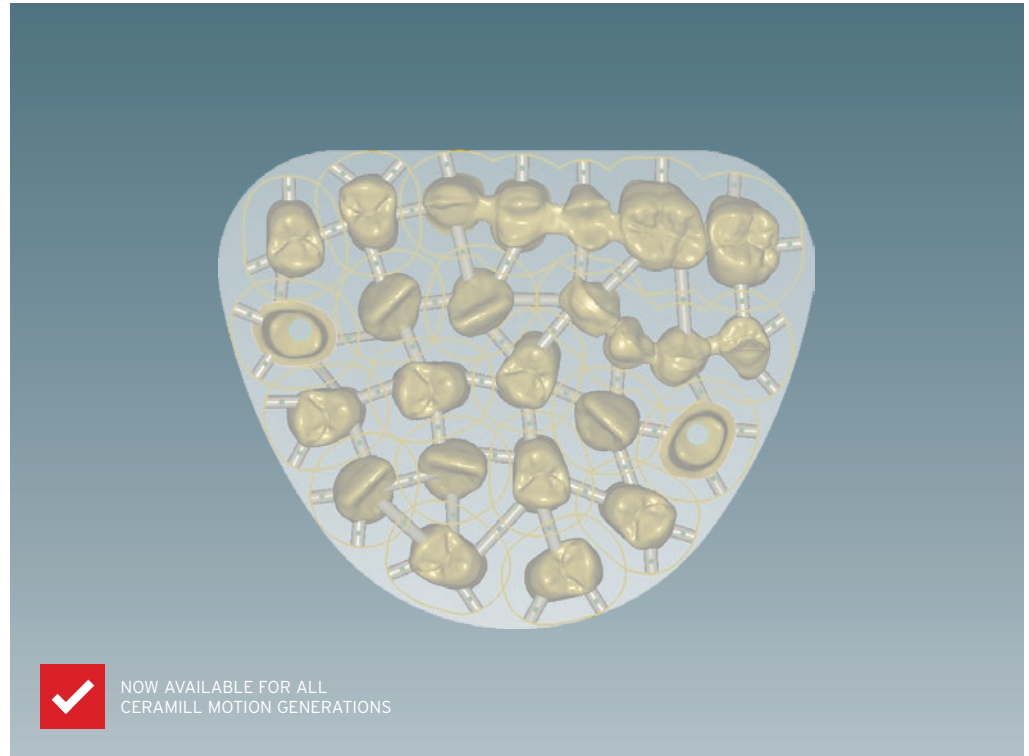
0.3mm cutter and 0.4mm trimmer



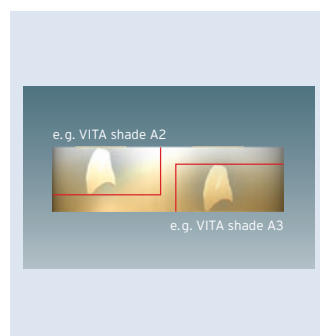
VITA SUPRINITY® PC sintered/Ceramill HD - without preparation and reworking

INHOUSE MILLING WITH PREMIUM PERFORMANCE, USABILITY AND PRECISION

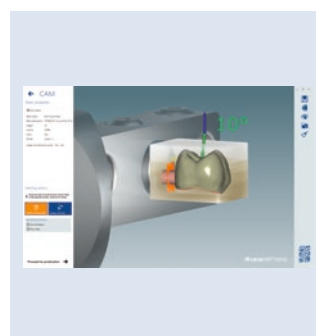
The automatic and transparent user interface of the Ceramill Match 2 CAM software form the basis for a reliable and easy operation. Even users with less experience can quickly and easily create milling programs for the production of various indications. An elaborated collision control (and evasion) of Ceramill Match ensures a high degree of process reliability.



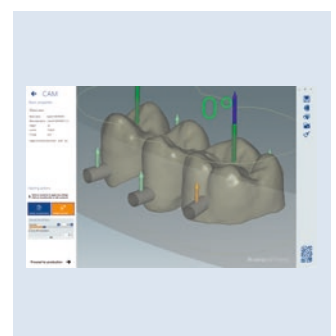
- _ Easy positioning and aligning of frameworks in the blank**
- _ Easy changing of the position, size and alignment of connectors**
- _ Speedy calculation of milling paths**
- _ Sinter cushion in thermodynamically optimum design shape for accurately fitting sintering of long-span zirconia restorations**



Intelligent nesting concept according to the VITA classical shade guide



Processing of VITABLOCS® TriLux forte with rendered representation of the shade gradient



Easy positioning of the connector posts on the designs

SERVER SOLUTION FOR LINKING CERAMILL WORKSTATIONS

Ceramill Mindserve is a data server for networking several Ceramill CAD/CAM workstations. The Ceramill Mindserve is available as a 2 or 4 terabyte version and stores 15,000 or 30,000 data records - an external hard drive automatically ensures reliable data back-up in a 24 hour tact. The compact server links up to 10 Ceramill workstations using a conventional network connection and thus enables easy, central management of customer data as well as streamlining workflows. Different patient cases can be simultaneously processed via several workstations, which achieves optimum utilisation of the machines and efficient handling of orders.



- _ Easy, efficient management of customer data, complaints etc.**
- _ Easy installation using Plug&Play connection***
- _ Automatic back-up on additional external hard drive**
- _ 2TB / 4TB hard drive enables archiving and securing of up to 15,000 / 30,000 data records**
- _ Certified hard drives mirrored in real time**
- _ Networking of up to 10 Ceramill workstations for optimum utilisation of the machines**

* assuming the customer's IT administrator provides the system requirements

NEXTDENT 5100 FOR CERAMILL - A UNIQUE COOPERATION

3D Systems meets Amann Girrbach. 3D printing meets dental workflow. Together, 3D Systems and Amann Girrbach have created a unique system solution for the dental market. By pooling the core competencies of both system partners, 3D printing for the first time enables a dental and fully integrated workflow for the fabrication of dental products and aids.

The combination of the Ceramill workflow with the NextDent 5100 3D printer and the associated 3D Sprint software solution offers the user a plug & play system solution with comprehensive software access. The large selection of compatible NextDent 3D printing materials stands for a maximum range of applications in everyday laboratory work, which is further simplified by clever material management and matching post-processing options.



- _ Safety and time savings in everyday laboratory routine due to the automatic transfer of design data in combination with an intelligent nesting concept**
- _ Excellent printing results in highest precision due to coordinated workflows, machines, materials and accessories**
- _ Rapid amortization due to maximum material and indication spectrum as well as low investment and fixed costs.**



Extensive material portfolio for maximum flexibility and economic efficiency



Roller/tilting stirring device for mixing 3D printing materials



UV light post-curing furnace for 3D printing materials

THE HIGH-SPEED -3D PRINTER FOR DENTAL MATERIALS

The high-speed -3D printer NextDent 5100 for Ceramill with the groundbreaking Figure 4™ technology stands for high productivity at first-class speed at a price that is affordable for practically all dental laboratories.

In addition to perfect restoration results, the 3D printer scores with enormous time savings due to the revolutionary Figure 4™ technology and the oxygen-permeable membrane in the material tray. The low pull-off forces between the membrane and the construction platform ensure a distortion-free printing process and excellent results. A gentle separation process enables the use of filigree support structures, which can not only be separated easily and without tools in the post-processing process, but also in a time-saving manner.

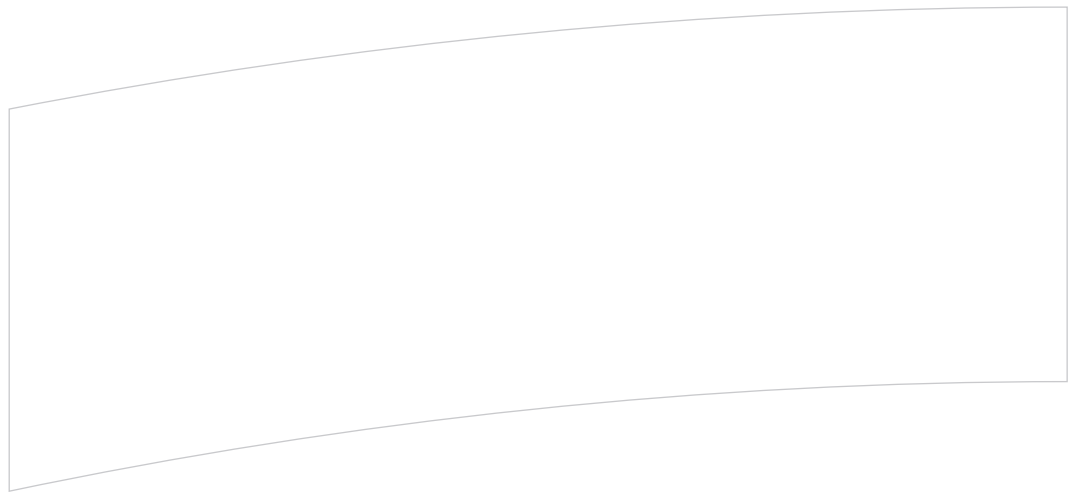
And last but not least, the NextDent 5100 for Ceramill convinces with its simple single-hand handling. The integrated color display can also be operated with gloves and both the construction platform and the material tray are easily accessible and user-friendly during application.



- _ Up to 3x faster printing due to Figure 4™ technology for high productivity and flexibility**
- _ Low pull-off forces due to an oxygen-permeable membrane ensure a long service life of the material tray, easy separation of the support structures and distortion-free results**
- _ Easy handling due to touch screen and single-hand operation of accessories such as the construction platform and material tray**

WIDE RANGE OF INDICATIONS AND MATERIALS FOR MAXIMUM ROI

Indication	Material	
Models	NextDent for Ceramill Model 2.0	integrated
Crowns, bridges, partial dentures	NextDent for Ceramill Cast	integrated
Crowns, bridges	NextDent for Ceramill C&B MFH	integrated
Mock-up	NextDent for Ceramill Try-In	integrated for denture bases and mock-up
Prosthetic bases	NextDent for Ceramill Denture 3D+	integrated for denture bases and mock-up
Drilling templates	NextDent for Ceramill SG	integrated for denture bases and mock-up
Individual trays	NextDent for Ceramill Tray	integrated for denture bases and mock-up
Bite splints	NextDent for Ceramill Ortho Rigid	integrated for denture bases and mock-up
Indirect bonding trays	NextDent for Ceramill Ortho IBT	integrated for denture bases and mock-up
Flexible gingiva masks	NextDent for Ceramill Gingiva Mask	integrated for denture bases and mock-up



CERAMILL CAD/CAM MATERIAL

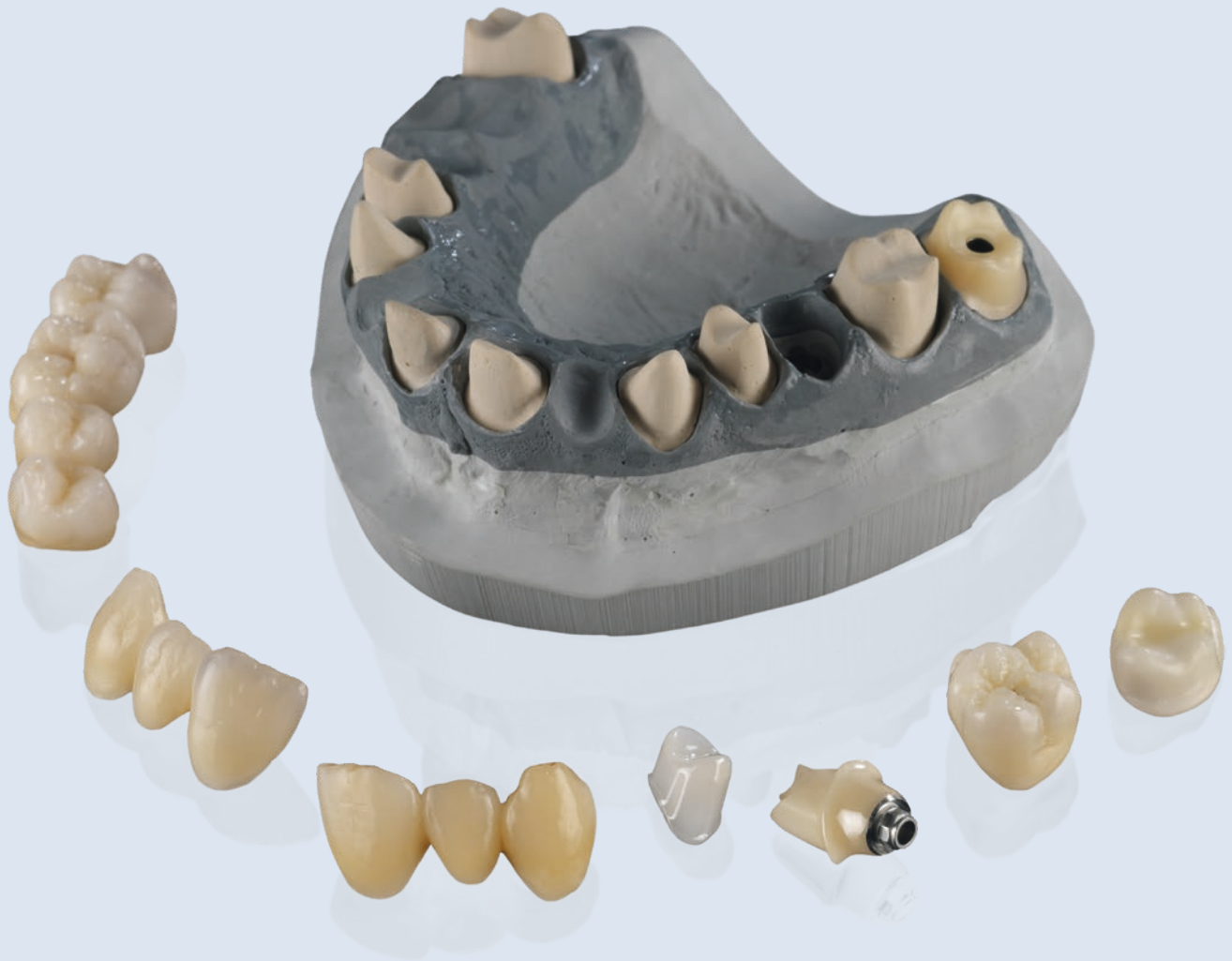
Zolid DNA Zirconia

≡ esthetic management	86
≡ zolid fx multilayer	87
≡ zolid fx white	88
≡ zolid gen-x	89
≡ zolid ht+ preshades	90
≡ zolid ht+ white	91
≡ zi	92
≡ ceramill® therm 3	93

CoCr Sinter metal










≡ ceramill® sintron	94
≡ ceramill® argotherm 2 / argovent 2	96

GREATER VARIETY WITH ZIRCONIA -
MULTI-INDICATIVE, HIGHLY AESTHETIC, RELIABLE.



Zircon oxide is an integral part of modern dentistry. In addition to its excellent biocompatibility, the stability, durability and aesthetics of the high-performance ceramic material are also impressive. The multi-indicative zircon-oxide from Amann Girrbach, however, not only meets the high-quality mechanical and optical properties but also satisfies the need for reliable and economical processing. The zircon oxide blanks from the Ceramill system are therefore not individual products, but part of a complete system solution in which the zircon oxide is coordinated with a compact, clear range of colouring liquids and stains.

ONE SYSTEM - ALL POSSIBILITIES.

	LT LOW TRANSLUCENCY (LT) ZIRCONIA	HT+ HIGH TRANSLUCENCY (HT+) ZIRCONIA	SHT SUPER HIGH TRANSLUCENCY (SHT) ZIRCONIA
MULTILAYER (with natural shade gradient)		zolid GEN-X  16 A-D VITA & 2 BLEACH SHADES	zolid fx multilayer  16 A-D VITA SHADES
PRESHADE (pre-stained)		zolid ht+ preshades  16 A-D VITA SHADES	
WHITE (white)	zi white   Ceramic Liquid "New Formula"	zolid ht+ white   Ceramic Liquid "New Formula"	zolid fx white   Ceramic Liquid FX
	TRANSLUCENCY →		
TYPICAL INDICATIONS	<ul style="list-style-type: none"> _Anatomically reduced crowns and 4-unit to multi-unit bridge frameworks _Customised abutments on titanium bases _Multi-unit, screw-retained restorations on titanium bases 	<ul style="list-style-type: none"> _Fully anatomical crowns and 4-unit to multi-unit bridges _Anatomically reduced crowns and 4-unit to multi-unit bridge frameworks _Multi-unit, screw-retained restorations on titanium bases 	<ul style="list-style-type: none"> _Fully anatomical crowns and bridges (max. 3-unit extending to the molar region) _Anatomically reduced crowns and bridge frameworks (max. 3-unit extending to the molar region) _Veneers, inlays, onlays

EFFICIENCY →

CERAMILL CAD/CAM MATERIAL

ZIRCONIA

- _ Wide range of indications and customisation thanks to white and pre-stained blanks in different levels of translucency
- _ Finely coordinated shade concepts according to the VITA classical shade guide guarantee accurate, reproducible results
- _ Material-specific milling strategies enable highly precise, yet easy processing
- _ Inhouse blank production according to strict manufacturing standards ensures an excellent and constant high-quality standard
- _ Comprehensive training offer for processing the Zolid DNA generation

AS ESTHETICS ARE NOT HAPPENSTANCE.



"AG Esthetic Management" makes the fabrication of highly esthetic restorations from zirconium oxide easier than ever before for users of the Zolid system. The focus is on simplifying and optimizing all work after milling the restoration. The clearly illustrated instructions for use and numerous video tutorials guide users through the process step by step. In addition, users have a wide range of courses and online webinars at their disposal. Add to this the new products and aids that make daily work with zirconium oxide considerably easier for the user.

- _A systematic solution, which, thanks to the consistent expansion of the AG precision chain, creates a significantly more convenient fabrication process for Zolid restorations.**
- _Highly esthetic and reproducible results thanks to detailed guidelines and numerous video tutorials ensure satisfied dentists and patients.**
- _Maximum efficiency and safety thanks to the broad spectrum of aids for optimum processing of restorations made of Zolid zirconium oxide.**



Matched materials - Ceramill A-Temp and Zolid zirconium oxide



Remove and Refine - finishing zirconium oxide, simple and safe



Internal Finish - maximum individuality owing to coordinated staining liquids and accessories

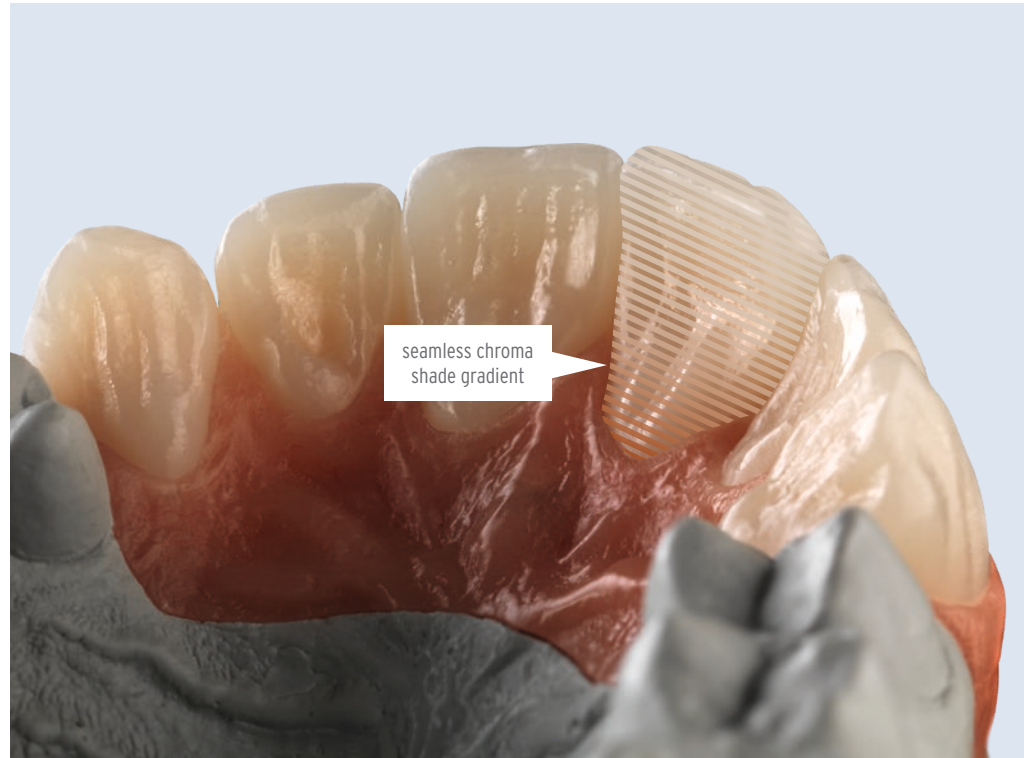


External Finish - the perfect finish due to optimal tools

POLYCHROMATIC, SUPER-HIGH TRANSLUCENT ZIRCONIA (SHT)

Zolid FX Multilayer is a polychromatic, super-high translucent zirconia with integrated shade and translucency gradient. Smooth shade transitions simulate tooth enamel, dentin and cervical shades in a naturally fluent progression without disruptive shade edges. The tooth-like preshading allows efficient, economical processing without the staining procedure.

Restorations can be further customized after sintering to achieve more aesthetic results using stains and glazing porcelains of the Ceramill Stain & Glaze kit.



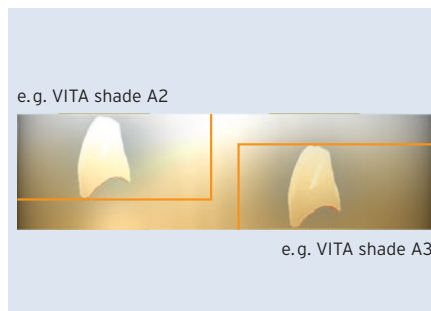
- Continuous shade and translucency gradient for smooth shade transitions without shade edges, and natural aesthetics**
- High bending strength in comparison with glass-ceramics enables fabrication of up to 3-unit bridges, including in the molar region**
- Intelligent nesting concept guarantees accurate matching of the VITA shades and economic working in the lab**



More about Zolid FX Multilayer at
www.amannirrbach.com/downloads



Zolid FX Multilayer blanks



Intelligent nesting concept according to the VITA classical shade guide



Ceramill Stain & Glaze stains and glaze porcelains for final aesthetic customization

SUPER HIGH-TRANSLUCENT ZIRCONIA (SHT)

Zolid FX White, these are super-high translucent zirconia blanks used for monolithic or anatomically reduced anterior restorations and up to 3-unit bridges in the molar region. The high-performance ceramic combines the outstanding processing characteristics of zirconia with comparable translucency previously only known in lithium disilicate. The result is highly aesthetic restorations with permanent strength and stability. Restorations are processed and fitted intraorally without additional cost using commercially available luting material.



- _Super-high translucent zirconia for highly aesthetic results in the anterior and posterior regions**
- _High bending strength compared with glass-ceramics enables fabrication of up to 3-unit bridges, including in the molar region**
- _Intelligent, simple shade concept with the Ceramill Liquids FX according to the VITA classical shade guide**



More about Zolid FX White at
www.amannirrbach.com/downloads



Zolid FX White blanks



Ceramill Liquid FX colour solutions for Zolid FX White



Ceramill Stain & Glaze stain and glaze porcelains for final aesthetic customisation

HIGH TRANSLUCENCY ZIRCONIA (HT+)

Zolid Gen-X puts an end to the time-consuming search for the right blank for the popular restoration, quite simply because the latest blanks of the Zolid DNA generation are true all-rounders!

Zolid Gen-X combines all the advantages of the Zolid HT+ product group: the excellent esthetic properties and outstanding mechanical values allow exceeding any indication limitations.

In addition, Gen-X possesses a natural color gradient that takes the blank to a new level in terms of efficiency and esthetics.



- _Reduced complexity in everyday laboratory routines through multi-indication application possibilities**
- _The flowing color and translucency gradient is a perfect imitation of nature**
- _Due to the flexural strength of over 1000 MPa, virtually all types of indications can be realized**
- _The new features and all clinically proven benefits of Zolid HT+ are combined in a single material**



More about Zolid Gen-X at
www.amannirrbach.com/downloads



Perfectly matched to the dental milling process without making any compromises



Sintering in the Zolid DNA workflow at 1450° C/h



Easy finalization with 16 A-D VITA shades and Ceramill Stain & Glaze

HIGH-TRANSLUCENT ZIRCONIA (HT)

Zolid HT+ is a highly translucent zirconium oxide which combines high mechanical characteristics with outstanding aesthetics. With its extreme edge stability, Zolid HT+ allows delicate margin design when processed with CAD/CAM. Available in 16 VITA classical tooth shades, the processing of Zolid HT+ Preshades guarantees an efficient workflow with maximum colour stability, even for large-span bridges. The range of 16 Zolid HT+ Preshade blanks allows achieving all 16 VITA tooth shades with only 7 blanks using the Ceramill Stain & Glaze Essential Kit and by applying a sophisticated stain technique.



- _ High level aesthetics with a natural look due to increased translucency**
- _ High efficiency and maximum colour stability through pre-stained blanks**
- _ A strength of 1,000 MPa enables a broad spectrum of indications**
- _ Intelligent staining concept with Ceramill Stain & Glaze allows achieving 16 VITA shades with only 7 blanks**



More about Zolid HT+ Preshades at
www.amannirrbach.com/downloads



High efficiency and maximum color stability due to pre-stained blanks in 16 VITA colors



Ceramill Stain & Glaze stains and glazing materials for "16 from 7 - concept"* or for final aesthetic customisation.

* see instructions "Staining technique"



Due to the high strength, up to 14-pontic bridges can be fabricated with Zolid HT+ Preshades

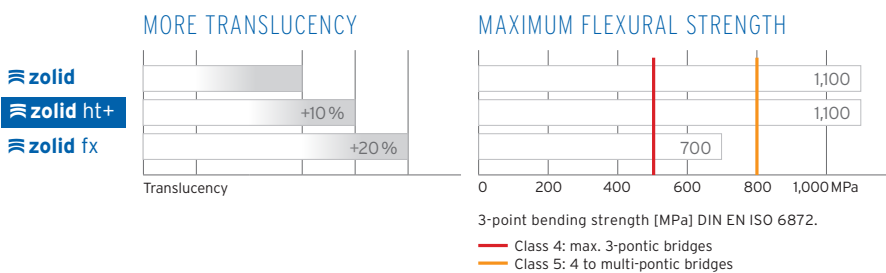
HIGH-TRANSLUCENT ZIRCONIA (HT)

Zolid HT+ is a highly translucent zirconium oxide which combines high mechanical characteristics with outstanding translucency. Even complex structures such as implant-supported bridges with a gingival component radiate the vitality of natural tooth substance.

The optimized manufacturing process also has a positive effect on the milling aspects of processing. Otherwise nothing has changed in processing - Zolid HT+ is integrated harmoniously into the Amann Girrbach zirconium oxide fabrication workflow. The "new formula" Ceramill Liquids are matched perfectly to Zolid HT+ and achieve highly esthetic color shade results corresponding to the VITA shade guide.



- _ Full indication spectrum through high flexural strength of 1,100 MPa
- _ Top level aesthetics with natural look due to increased translucency
- _ Optimised processing integrated harmoniously into the AG zirconium oxide workflow



More about Zolid HT+ White at
www.amanngirrbach.com/downloads



Perfectly customised colour shade results with "new formula" Ceramill Liquids



Outstanding edge stability through optimised processing properties



Perfect for implant-supported large-span work

LOW TRANSLUCENT ZIRCONIA (LT)

High strength, rigidity and biocompatibility are outstanding characteristics of ZI. The presintered zirconia blanks have an exceptionally high flexural strength of up to 1200 MPa (3-point bending strength) and can be easily processed thanks to their optimum edge stability. With an opacity of approx. 70% ZI is ideal for indications in which discoloured tooth preparations or metal structures must be masked. It is also ideal for the fabrication of crowns and bridges in the anterior and posterior regions, customised abutments, and multi-unit, screw-retained restorations on titanium bases. ZI frameworks can be customised individually with the Ceramill Colouring Liquids New Formula using the immersion or brush technique.



- _ Particularly suitable for wide-span frames due to the high bending strength of 1,200 MPa**
- _ Optimum edge stability and millability**
- _ High biocompatibility, strength and rigidity**
- _ Customisable using Ceramill Liquid colouring liquids**



More about ZI at
www.amannirrbach.com/downloads



ZI White blanks



Ceramill Liquid CL & Ceramill Liquid New Formula
 Staining Solutions for ZI White



Ceramill Stain & Glaze stain and glaze materials
 for final aesthetic customisation

FULLY AUTOMATIC HIGH-PERFORMANCE FURNACE FOR FINAL SINTERING OF DISTORTION-FREE ZIRCONIA FRAMEWORKS

Using the Ceramill Therm 3 high-temperature furnace zirconia frameworks obtain their final density and the resulting, outstanding material characteristics. For sintering, the objects are placed onto sintering beads, which ensures a frictionless sintering process and thus distortion-free frameworks. The Ceramill Therm 3 offers high process reliability due to constant temperature control and homogeneous temperature distribution in the firing chamber. As a result of this, the user is able to safely control if the final density and thus strength of the frameworks has been achieved.

Users have 250 available sintering programme spaces, 4 of which are already pre-programmed with validated AG sintering programmes.



- _ High process reliability due to constant temperature control, homogeneous temperature distribution in the firing chamber**
- _ Maximum process reliability due to optimally coordinated, fully-automated sintering programmes for different restoration sizes**
- _ 250 sintering programme spaces, 4 of which are validated AG programmes**
- _ 3 stackable sintering bowls for maximum utilisation of the furnace**
- _ Minimum required space and installation time (supply required)**
- _ Sintering at the press of a button - very easy operation with touch-screen technology**
- _ Clear display of the sinter curve and sinter status**



The Ceramill Therm 3 has a large sintering chamber volume in which 3 sinter trays can be stacked on one another for optimum utilisation of the furnace. With the aid of the sinter forceps, the sinter shell can be transferred easily and safely in and out of the furnace.

MILL CoCr - AS EASILY AS WAX.

High innovation strength is incorporated in the Ceramill Sintron CoCr sinter metal. The non-precious metal revolutionises the manufacturing process, as the wax-like texture of the Ceramill Sintron blanks allows them to be effortlessly dry milled on inhouse benchtop machines such as the Ceramill Motion. The labour-intensive and error-prone casting procedure and therefore time-consuming manual working stages are no longer required. The sinter process is also extremely easy: the press of a button is sufficient for producing a framework with excellent structure quality. Maximum process reliability produces homogeneous, distortion-free frameworks without contraction cavities. Using the new Ceramill Sintron it is possible to achieve predictable, reproducible fit and framework quality. Ceramill Sintron can be veneered using any CoCr framework porcelain.



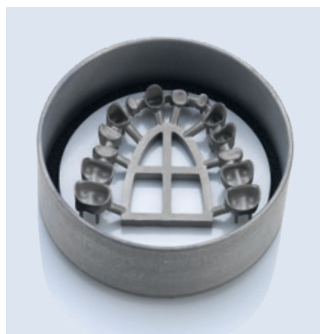
- _Wax-like texture for minimum cutter wear and effortless milling in the dry mode**
- _Easy handling thanks to easy reworking and finishing of milled restorations in the green state**
- _Maximum process reliability thanks to homogeneous, distortion-free framework**
- _Excellent strength values, bonding strength and biocompatibility**



Ceramill Sintron was developed in collaboration with the Fraunhofer IFAM Dresden.

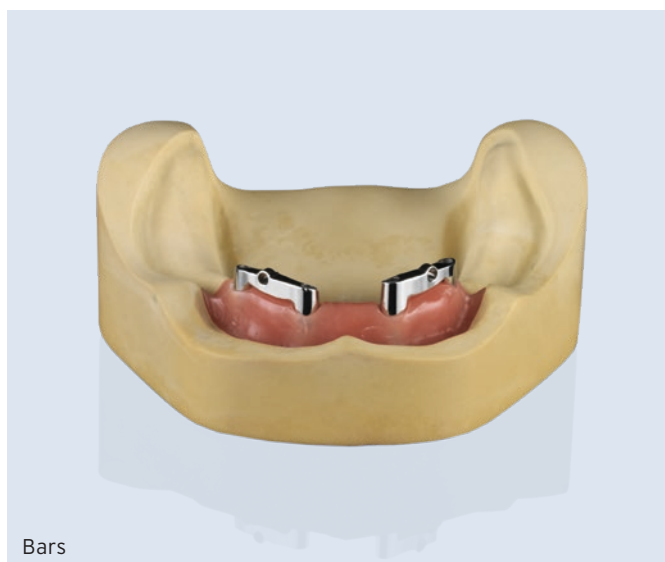
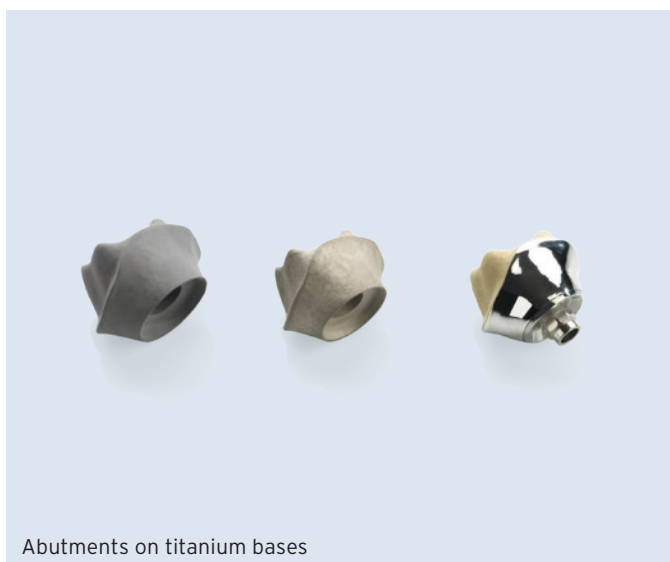


Ceramill Float Sintering



Amann Girrbach has developed a special zircon oxide float sintering disk for the fabrication of long-span bridges. Support pins and sintering bars on the restoration keep the framework stable during sintering and ensure predictable, accurate results.

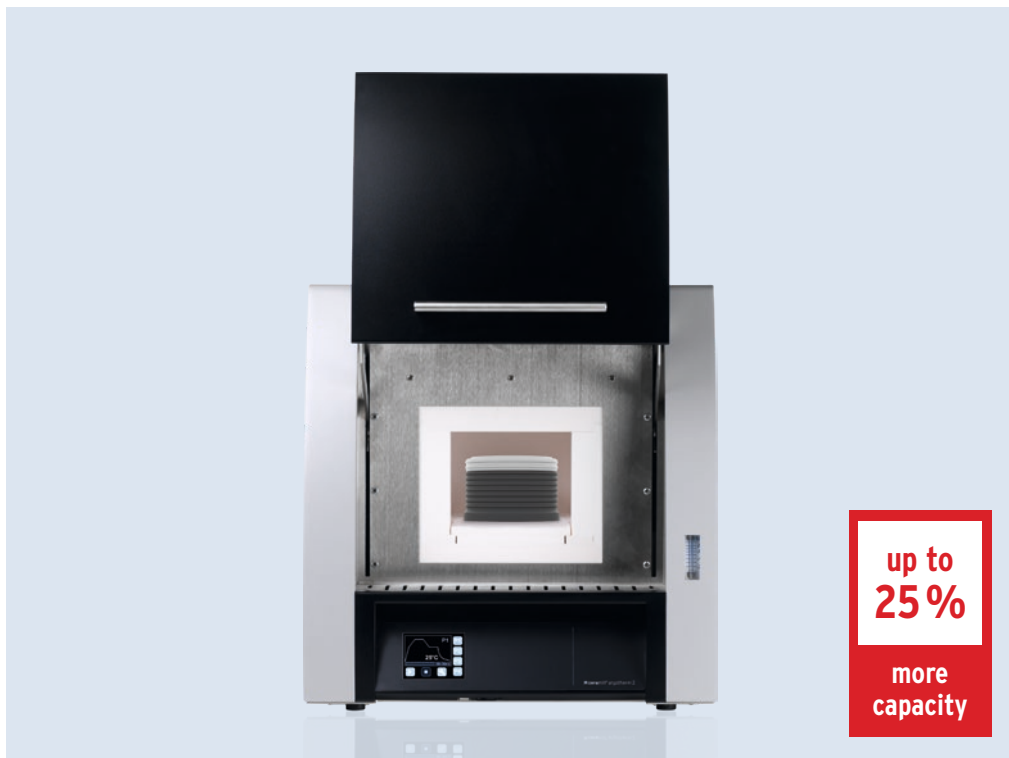
CERAMILL SINTRON INDICATION OVERVIEW



SHIELDING GAS SINTER FURNACE AND FLOOD CHAMBER FOR CERAMILL SINTRON

The CoCr sintering furnace Ceramill Argotherm 2 is an integral part of a system with optimally coordinated components for processing the sinter metal Ceramill Sintron. Only the perfect adaptation of sinter metal, processing in the CAD/CAM system and completion in the sintering furnace ensure consistently high material quality – especially if it involves the mechanical properties and (micro-) structure of the finished restoration. Easy to operate at the press of a button, the Ceramill Argotherm 2 controls the sinter programme of the milled CoCr units.

The “core” of the system, the removable Ceramill Argovent 2 sinter chamber, ensures minimal consumption of argon gas and homogeneous, distortion-free sintering of the restorations.

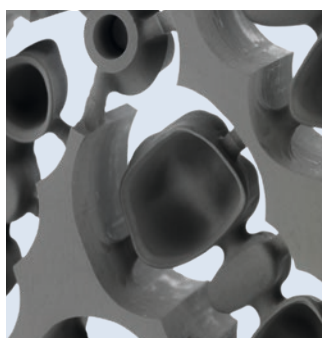


up to
25 %

more
capacity

- _ **Constantly high sinter quality thanks to the specially developed sinter programme**
- _ **Integrated compressed-air and shielding gas monitoring ensure maximum process reliability and minimum shielding gas consumption**
- _ **Sintering at the press of a button - easy to operate using touch-screen technology with sinter-progress and time-remaining display**
- _ **Capacity per sinter cycle: up to 40 units**

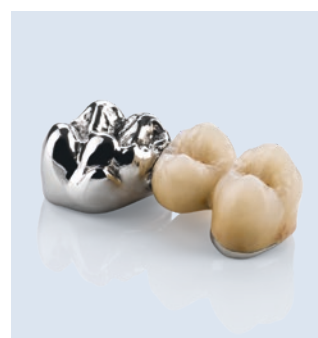
More about Ceramill Sintron at
www.amanngirrbach.com/downloads



Ceramill Sintron-blanks
before sintering process



Restoration milled from Ceramill
Sintron with and without polishing



Veneered and polished
Ceramill Sintron restoration



ORDER INFORMATION



Zebris for Ceramill

221500	Zebris for Ceramill
221501	Zebris transfer stand
221502	Para-occlusal attachment
221503	Zebris bitefork
221504	Zebris bitefork adapter
999560	Protection Plan Zebris for Ceramill 1J
179703	Ceramill M-Pass
221520	Zebris for Ceramill database configuration
221521	Zebris for Ceramill CSV export
221522	Zebris for Ceramill license upgrade



Artex articulator

218760	Artex Typ CR	
218730	Artex Arcon clip	
217330	Model Plate blue (pair)	
217331	Model Plate blue	50 / pkg.
215250	Retention Disks	100 / pkg.
299991	Individual engraving on Artex	
217333	Support pin C screwable	



Splitex Keys

216010C	Splitex Key for Artex, 126 mm, C-Version
216010	Splitex Key for Artex, 116 mm
216011	Splitex Spacer Plate +10 mm (required for new serial 126 mm)



Plate Set, C-Version



Mounting tool

Splitex Disc Set

216100C	① - ④ Splitex Plate Set, C-version	
216100	Splitex Plate Set (without picture)	
216110C	① Splitex Base Plate (TOP) without magnet	
216120C	② Splitex Adjust. Plate mandibular without magnet	
216150	③ Retention Disks (Set: 2 pcs. included)	100 / pkg.
216111C	④ Splitex Magnet (Set: 2 pcs. included)	
216170	Splitex Screws max. / mand.	2 / pkg.
216140	Splitex Magnets	6 pcs.
216113C	⑤ Mounting tool for magnetic holder	



Splitex Counter Plate

The shock-resistant plastic material reliably adapts the Splitex plinth plate without distortion. Both plates are suitable for multiple use. The Premium quality (white) offers a higher accuracy (<10 µm!).

- _Always available for quick, precise adaptation at the plinth plate
- _Prevents the risk of ill fit since no plaster expansion takes place
- _Tight, even model fixation, but nevertheless allowing safe removal and reposition

216230	Premium white	10 / pkg.
216235	Classic black	100 / pkg.
216150	Retention Disks Ø 36.5 x 1.5 for Splitex	100 / pkg.



Ceramik Transferkit

Loss-free transfer of patient data into the Ceramik Map 400/Map 600. Digitalisation of model situation in Splitex precision.

179113 Ceramik Fixator



Technical Data

Dimension: 250 x 183 x 370 mm
Weight: 9.6 kg
Mains supply:
230(100/115)V/0.32 W
Motor speed: 2,800 min⁻¹
Laser class: 3A < 5mW

Giroform pin drill

176701 Giroform pin drill

Delivery volume: Tungsten carbide burr 176710, Universal plate holder 176713, impression carrier 176733, Tubular socket wrench 176702, holding pin 176703, screw driver for adjustment 176004

176710 Giroform-Tungsten Carbide Burr

176713 Universal plate holder

176733 Giroform-Impression carrier



Giroform Starter Kit

576702 Giroform Starter Kit

176710	1 Tungsten carbide burr	
176733	2 Impression Carrier 2x	
321070	3 NT-Cutter	
359010	4 Hammer with Aluminium handle	
576450	5 Giroform Pins	1,000 / pkg.
576461	6 Giroform Putty	1 kg
576710	7 Giroform Base Plate Premium +	100 / pkg.
5767501	8 Giroform Secondary Plate XL with magnet	5 / pkg.
576765	9 Adjustment Plate clear	2 / pkg.
576950	10 Giroform sleeve "kombi"	
576805	11 Giroform space retainer foil	50 / pkg.
815300	12 Arbor band mandrel 2.35 mm	
815330	13 Arbor band, grain 120	50 / pkg.
990252	14 Timer	



Giroform Base Plates, 100 pcs.

576710	1 Giroform Premium+ L (incl. metal disc)	
576745	Giroform Premium+ XL (incl. metal disc)	
576747	Premium+ L blue (incl. metal disc)	
576720	2 Giroform Classic L	
576740	Giroform Classic XL	
576726	3 Giroform Classic L blue	
576765	4 Giroform Adjustment Plate L	2 pcs.
576766	Giroform Adjustment Plate XL	2 pcs.



Giroform Secondary Plate

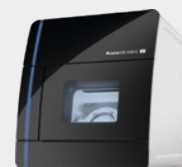
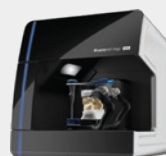
576750	L with magnet	50 pcs.
576751	XL with magnet	50 pcs.



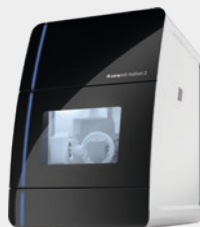
Giroform Pins

576450	Giroform Pins	1,000 / pkg.
576451	Giroform Pins	10,000 / pkg.

Technical Data:



Ceramill	Map 200+	Map 600	Mikro 4X	
Art.Nr.	179130NC	179560	179300N	
Dimensions D/W/H (mm)	390 x 360 x 310	415 x 424 x 469	465 x 515 x 585	
Weight (kg)	11	25	50	
Power supply (V/A)	100-240 / 50-60 Hz	100-240 / 50-60 Hz	100-230 V / 50-60 Hz	
E-fuse	T2 x 1 A	T2 x 1,6 A	T3,15A / T6,3A	
Output (W)	80	60	250	
Compressed air connection			6 bar 50 L/min	
Engine speed (U/min ⁻¹)			60.000	
Torque (Ncm)			4	
Collet chuck (Ø mm)			3	
Sound level (max. dbA)			60	
Accuracy (µm)	< 6	< 4	< 10	
Axes	2	3	4	
Recommended installation site	Tisch, keine direkte Sonneneinstrahlung	Tisch, keine direkte Sonneneinstrahlung		
Recommended temperature (°C)	18-30°C	15-30°C	18-30°C	



	Mikro 5X	Mikro IC	Motion 2 5X	Matik
	179330N	179600N	179250N	181200PRO
	465 x 515 x 585	465 x 580 x 585	595 x 530 x 780	780 x 1265 x 2000
	50	70	78	520
	100-230 V / 50-60 Hz	100-230 V / 50-60 Hz	100-230 V / 50-60 Hz	100-240 V
	T3,15A / T6,3A	T3,15A / T6,3A	T3,15A / T6,3A	T3,15A / T6,3A
	250	750	750	750
	6 bar 50 L/min	6 bar 50 L/min	6 bar 50 L/min	7 bar 200 L/min
	60.000	100.000	100.000	100.000
	4	9,2	9,2	11,2
	3	3	3	3
	60	60	60	60
	<10	<10	<10	<10
	5	4	5	5+4
	18-30°C	18-30°C	18-30°C	18-30°C

System requirements:

- _ Internet connection (minimum DSL) to guarantee data transmission to the M-Center and remote maintenance of the system.
- _ Flat rate is recommended
- _ A network cable for connecting the router / modem and PC.
- _ An Internet connection must be available on the day of installation. If the customer does not know how to create an internet connection, it must be ensured that an Internet specialist is on site on the day of installation. AG will not connect the system to an already existing network at the customer.
- _ The customer must guarantee maintenance and any problem solving relating to the network / Internet connection.



PC technical data

(may change depending on the development status)

	PC Standard	PC Premium
Art.Nr. Set	179070	179071
Processor speed/model	Intel i7	Intel i7 7820X
Memory	16 GB RAM	32 GB RAM
Hard drive	256 GB SSD + 1 TB SATA	1 TB SSD
Graphics	5 GB	8 GB
Operating system	Windows 10	Windows 10
Monitor	21,5 inch	27 inch
Recommended installation site	away from the floor, not on the wall	



Ceramill Scanmarker

Ceramill Scanmarker is a powder spray that is applied to the surface of models or teeth to improve their visual characteristics when using a camera or scanner in the CAD/CAM technique. Suitable for extra-oral use.

760562 Ceramill Scanmarker 50ml



Ceramill Code Scanner

_ Scanning the IntelliCode automatically transfers all relevant blank information to the Match software
_ Easy finding of blanks already created in the database

179195 Ceramill Code Scanner

Requirement: Ceramill Match 2



Ceramill Transferkit

For the digitization of models with jaw relation.
Suitable for all Map 400 /Map 600 generations.

179113 Ceramill Transferkit



Universal carrier plate

For scanning different model systems.
Suitable for all Map 200/Map 400/Map 600 generations.

179125 Universal support plate set incl. fixing pins and spring

179118 Universal support plate

179119 Fixing pins incl. fixing spring



BD Key Scan Holder

Impression holder for scanning impressions in the Baltic Denture System. Suitable for all Map 200/Map 400/Map 600 generations. (Only in conjunction with 179138/179139 Impression Holder).

179134 BD Key Scan Holder



Multi Die Halter

For scanning up to 12 stumps in a single scanning process.
Suitable for all Map 200/Map 400/Map 600 generations. (Only in conjunction with the universal support plate).

179136 M-Die Map 200

179137 M-Die Map 400/600



Automatic impression holder

Impression holder with automatic tilting function.
Suitable for all Map 200/Map 400/Map 600 generations.

179138 Impression Holder Map 200

179139 Impression Holder Map 400/600



All In holder

Holder for digitizing a quadrant model. Suitable for Map 600 scanner.

179135 All-In Bar



Ceramill Mind
CAD Software Base version
179150 Ceramill Mind



Ceramill M-Plant
Upgrade for Ceramill Mind
179152 Ceramill M-Plant



Ceramill Artex
Upgrade for Ceramill Mind
179151 Ceramill Artex



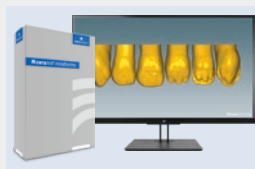
Ceramill M-Gin
Upgrade for Ceramill Mind
179145 Ceramill M-Gin



**Ceramill Mindforms 2.0
by Knut Miller**
Upgrade for Ceramill Mind
179700 Ceramill Mindforms 2.0
by Knut Miller



Ceramill M-Bars²
Upgrade for Ceramill Mind
179166 Ceramill M-Bars²



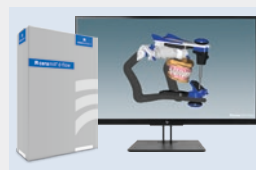
**Ceramill Mindforms Cut-back
Extension by Knut Miller**
Upgrade for Ceramill Mind (Upgrade for
Knut Miller library existing customers)
179701 Ceramill Mindforms Cut-back
Extension by Knut Miller



Ceramill Dicom Viewer¹
Upgrade for Ceramill Mind
179146 Ceramill Dicom Viewer¹



Ceramill M-Splint²
Upgrade for Ceramill Mind
179165 Ceramill M-Splint²



Ceramill D-Flow²
Upgrade for Ceramill Mind
179147 Ceramill D-Flow²



Ceramill Microshell²
Upgrade for Ceramill Mind
179148 Ceramill Microshell²



Ceramill M-Pass
Upgrade for Ceramill Mind
179703 Ceramill M-Pass



Ceramill M-Build²
Upgrade for Ceramill Mind
179167 Ceramill M-Build²



Ceramill M-Part³
Upgrade for Ceramill Mind
179702 Ceramill M-Part³



Ceramill Mind Trusmile
Upgrade for Ceramill Mind
179155 Ceramill Mind Trusmile



^{BD}Creator[®] Plus³
CAD Software for Merz Dental
179710 ^{BD}Creator[®] Plus³



Ceramill Mind Trusmile
Upgrade for Ceramill Mind
179155 Ceramill Mind Trusmile

¹ Graphics card with min. 2 GB RAM required (already integrated in the PC Modell T3610)

² Win7

³ Graphics card with min. 4 GB RAM required (already integrated in the PC Modell T5810), Win10



Blank holder Ceramill material 71

for Ceramill Matik, Ceramill Motion 2 and Ceramill Mikro 4X/5X

179252	Blank holder 71 Motion 2 5X
179186	Blank holder 71 Motion 2 4X / Mikro 4X
179334	Blank holder 71 Mikro 5X
180210	Blank holder 71 production



Blank holder Ceramill material 98

for Ceramill Matik, Ceramill Motion 2 and Ceramill Mikro 4X/5X

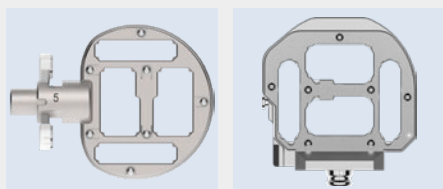
179294	Blank holder 98 Motion 2 5X
179295	Blank holder 98 Motion 2 4X / Mikro 4X
179331	Blank holder 98 Mikro 5X
180211	Blank holder 98 production



Blank holder rotational milling

for Ceramill Matik, Ceramill Motion 2 and Ceramill Mikro IC

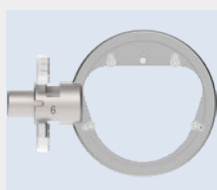
179278	Blank holder rotational milling Ceramill Motion 2
179614	Blank holder rotational milling Ceramill Mikro IC (incl. 760615 Roto T1 1.0; 760616 Roto T1 2.0; slide gauge)



Blank holder Ceramill D-Set

for Ceramill Matik, Ceramill Motion 2 5X

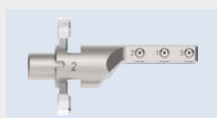
179283	Blank holder denture teeth
180216	Blank holder prosthetic teeth production



Blank holder Ceramill D-Wax

for Ceramill Motion 2 5X

179282	Blank holder denture wax
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Blank holder glass ceramic and hybrid blocks (3-compartment)

for Ceramill Motion 2 4X/5X

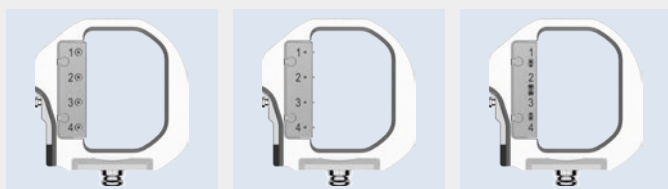
179260	Blank holder glass ceramic and hybrid blocks (3-compartment)
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Blank holder glass ceramic and hybrid blocks (12-compartment)

for Ceramill Motion 2 4X/5X

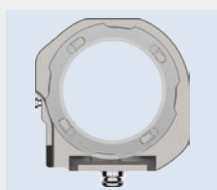
179290	Blank holder glass ceramic and hybrid blocks (12-compartment)
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Blank holders glass ceramics and hybrid blocks (4-fold)

for Ceramill Matik

181212	Blank holder blocks AG production
181213	Blank holder blocks UN production
181219	Blank holder blocks IV production



Blank holder metal

for Ceramill Matik

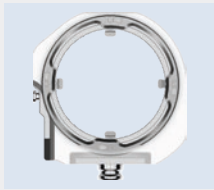
181218	Blank holder metal production
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Blank holder milling (9-fold)

for Ceramill Motion 2

179248	Blank holder milling (9-fold)
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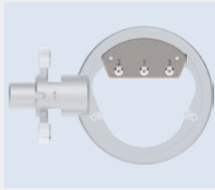


Blank holder for Baltic Denture System

for Ceramill Matik and Ceramill Motion 2

179328	Blank holder Baltic Denture
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180217	Blank holder BD production
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Adapter glass and hybrid ceramic blocks (3-compartment) for Ceramill material 71 blank holder

for Ceramill Mikro 4X/5X, Ceramill Motion 2

179245	Adapter for hybrid blocks (3-compartment)
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Blank holder glass and ceramic blocks (1-compartment)

for Ceramill Mikro IC

179610	Blank holder grinding (AG mandrel)
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179611	Blank holder grinding (universal mandrel)
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Blank holder glass and hybrid ceramic blocks (3-fold)

for Ceramill Mikro IC

179615	Blank holder 3-fold milling (AG Mandrell)
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179616	Blank holder 3-fold milling (Universal Mandrell)
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Blank holder milling (single)

for Ceramill Mikro IC

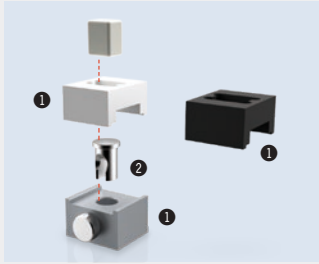
179612	Blank holder milling (AG Mandrell)
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Blank holder milling (3-fold)

for Ceramill Mikro IC

179617	Blank holder 3-fold milling (AG Mandrell)
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GCER Universal Bonding Kit

Bonding aid for bonding glass ceramic blanks or lithium disilicate blanks with the Amann Girrbach holder incl. 2 attachments for different blank sizes (10 x 12 x 15, 12 x 14 x 18)

760973	1 GCER Universal Bonding Kit	
760974	2 Universal holder for glass ceramic blanks	10 pcs.



Blank holder glass ceramic blanks (triple) incl. storage rack





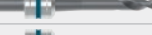
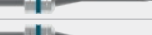







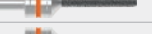






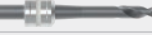

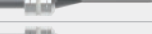
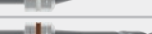
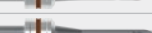






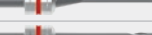
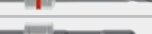
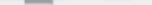
For clamping glass ceramic blanks or lithium disilicate blanks into the Ceramill Motion 2

179260	Blank holder glass ceramic blanks (triple) incl. storage rack for Ceramill Motion 2 5X	
179281	Blank holder glass ceramic blanks (triple) incl. storage rack for Ceramill Motion 2 4X	



Upgrade Kit Ceramill TI-Forms Ceramill Motion 2

760100	Upgrade Kit Ceramill TI-Forms Ceramill Motion 2	
179278	Blank holder rotational milling cutter	
760615	Roto TI 1.0	
760616	Roto TI 2.0	
179285	Storage rack	

				Ceramill DNA Milling Units					Material																
	Art. Nr.	Description	Ring color	Mikro 4X	Mikro 5X	Mikro IC	Motion 2	Matik	Zolid Zirconia	Ceramill Sintron	Ceramill M-Plast	Ceramill PMMA	Ceramill Peek	Ceramill Wax	Ceramill D-Set	Ceramill Splintec	Ceramill D-Wax	Ceramill Ti-Forms	Ceramill COCR	Glass ceramic	Lithium disilicates	Hybrid ceramics	VITA VIONIC/BDS	Solvay Ultaire AKP	VITA VIONIC Wax White
	760660	Roto RFID 2,5 ZI	grey	x	x		x	x	x																
	760661	Roto RFID 1,0 ZI	grey	x	x		x	x	x																
	760662	Roto RFID 0,6 ZI	grey	x	x		x	x	x																
	760663	Roto RFID 0,3 ZI	grey	x	x		x	x	x																
	760664	Roto RFID 2,5 Sintron	blue	x	x		x	x		x															
	760665	Roto RFID 1,0 Sintron	blue	x	x		x	x		x															
	760666	Roto RFID 0,6 Sintron	blue	x	x		x	x		x															
	760667	Roto RFID 0,3 Sintron	blue	x	x		x	x		x															
	760668	Roto RFID 2,5 PMMA	green	x	x		x	x				x	x			x									
	760669	Roto RFID 1,0 PMMA	green	x	x		x	x			x*	x	x			x									
	760670	Roto RFID 0,6 PMMA	green	x	x		x	x				x	x												
	760671	Roto RFID 0,3 PMMA	green	x	x		x	x			x*														
	760672	Roto RFID 2,0 Ti	black			x	x	x										x							
	760673	Roto RFID 1,0 Ti	black			x	x	x										x							
	760676	Diamond RFID 1,8	orange			x	x	x												x	x	x			
	760677	Diamond RFID 1,4	orange			x	x	x												x	x	x			
	760678	Diamond RFID 1,0	orange			x	x	x												x	x	x			
	760679	Diamond RFID 0,4	orange			x	x	x												x	x	x			
	760680	Roto RFID 2,5 SC	yellow		x		x	x						x		x								x*	
	760681	Roto RFID 1,0 SC	yellow				x	x						x**										x*	
	760682	Roto RFID 0,6 SC	yellow				x	x						x**										x*	
	760683	Roto RFID 0,3 SC	yellow				x	x						x**											
	760684	Roto RFID 2,5 DMB DC	white	x	x	x	x	x							x							x			
	760685	Roto RFID 1,0 DMB DC	white	x	x	x	x	x							x							x			
	760686	Roto RFID 0,6 DMB DC	white	x	x	x	x	x														x			
	760687	Roto RFID 0,3 DMB DC	white	x	x	x	x	x														x			
	760688	Roto RFID 2,5 COCR	brown					x											x						
	760689	Roto RFID 1,5 COCR	brown					x											x						
	760690	Roto RFID 1,0 COCR	brown					x											x						
	760692	Roto RFID 2,5 PMMA Denture	pink				x																x		
	760693	Roto RFID 1,5 PMMA Denture	pink				x																x		
	760697	Roto RFID 2,5 Model	red				x	x			x														
	760698	Roto RFID 2,0 Model	red				x	x			x														
	760694	Roto RFID 1,2 Drill	green				x	x																	
	760695	Roto RFID 1,0 Wax Denture	red				x										x								x
	760696	Roto RFID 3,0 Wax Denture	red				x				x						x								x
	181205	Roto RFID Calibration pin	purple			x		x																	

* Processing only possible with Ceramill Matik and Ceramill Motion 2

** Processing only possible with Ceramill Matik



Technical Data
 Dimensions: 406 x 280 x 423
 Weight: 16 kg, Performance: 1000 W
 Electrical connection values (V/A/Hz):
 230/3.6/50-60, 115/7.0/50
 Suction Power: 56.6 L/sec., Volume: max.
 52 dbA, Filter bag size: 10 Liter
 Hose Ø: 38 mm, Hose length: 1.8 m
 Adapter diameter: conical, 37-38 mm
 HEPA micro filter (97.97%),
 Filter class H12, dust class M

Ceramill Airstream

Suction for Ceramill milling units

178600	Ceramill Airstream 230 V (100-120 V = 178600 V100-V120)	
178610	Airstream Suction Bag	5 pcs.
178611	Airstream Microfilter	1 pc.



Technical Data
 Dimensions: 656 x 518 x 651 mm
 Weight: 36 kg
 Electrical connection values:
 100-230 V/T 1.0 A / 50-60 Hz
 Power: 150 W

Ceramill Coolstream

Integrated coolant preparation for Ceramill Motion 2
 in the trolley.

178641	Coolstream Tank	
178642	Coolstream Cart	

Delivery volume: coolant lubricant container; connector for supply
 and outlet of the coolant lubricant; product analysis



Cooling Liquid

178650-NTR	Cooling Liquid	
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NextDent 5100 for Ceramill
3D printer Nextdent 5100 for Ceramill

181600 NextDent 5100 - AG		
Scope of delivery:		
181600	NextDent 5100 - AG	1 pc.
181602	Resin Tray - ND 5100	1 pc.
181604	Printer Platform - ND 5100	2 pcs.
181605	Filter, Carbon - ND 5100	1 pc.
181606	Filter, Intake - ND 5100	1 pc.
181607	Punch Tool - ND 5100	1 pc.
181608	Platform Scraper - ND 5100	1 pc.
181609	Brush scourig - crimp brass - ND 5100	1 pc.
181610	Part Cleaning Brush - ND 5100	1 pc.
181611	Resin Mixer - ND 5100	1 pc.



Printer Pedestal
Stand for Nextdent 5100 for Ceramill

181601	Printer Pedestal	1 pc.
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NextDent LC-3D Print Box
Post-curing furnace for 3D printing materials

181800	NextDent LC-3D Print Box - AG	1 pc.
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NextDent LC-3D Mixer
Stirring device for mixing 3D printing materials

181810	NextDent LC-3D Mixer - AG	1 pc.
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Resin Tray Kit
Material tray including Storage Garage Kit

181602	Resin Tray - ND 5100	1 pc.
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Storage Garage Kit
For safe storage of the filled material tray

181603	Storage Garage Kit - ND 5100	1 pc.
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Printer Platform

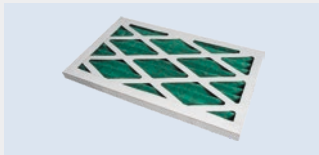
Construction platform

181604	Printer Platform - ND 5100	1 pc.
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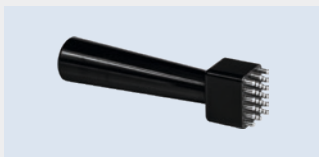
Filter, Carbon

181605	Filter, Carbon - ND 5100	1 pc.
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Filter, Intake

181606	Filter, Intake - ND 5100	1 pc.
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Punch Tool

Aid for separating printed objects from the construction platform

181607	Punch Tool - ND 5100	1 pc.
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Platform Scraper

Cleaning tool

181608	Platform Scraper - ND 5100	1 pc.
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Brush scourig - Crimp Brass

Cleaning tool

181609	Brush scourig - crimp brass - ND 5100	1 pc.
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Part Cleaning Brush

Cleaning tool

181610	Part Cleaning Brush - ND 5100	1 pc.
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Resin Mixer

Material mixer for material tray

181611	Resin Mixer - ND 5100	1 pc.
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Zolid FX Multilayer

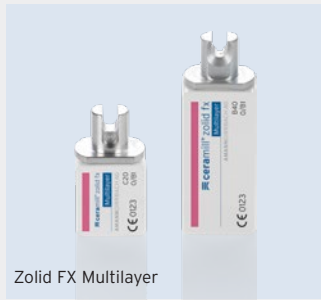


Zolid FX Multilayer

Zolid FX Multilayer

Stained, polychromatic SHT zirconia blanks

761733	○ Zolid FX ML O/A1 71 S	h=14mm	1 pc.	761776	○ Zolid FX ML O/A1 98x14 N	h=14mm	1 pc.
761734	○ Zolid FX ML O/A1 71	h=16mm	1 pc.	761777	○ Zolid FX ML O/A1 98x16 N	h=16mm	1 pc.
761735	○ Zolid FX ML O/A1 71 L	h=20mm	1 pc.	761778	○ Zolid FX ML O/A1 98x20 N	h=20mm	1 pc.
761737	○ Zolid FX ML A2/A3 71 S	h=14mm	1 pc.	761780	○ Zolid FX ML A2/A3 98x14 N	h=14mm	1 pc.
761738	○ Zolid FX ML A2/A3 71	h=16mm	1 pc.	761781	○ Zolid FX ML A2/A3 98x16 N	h=16mm	1 pc.
761739	○ Zolid FX ML A2/A3 71 L	h=20mm	1 pc.	761782	○ Zolid FX ML A2/A3 98x20 N	h=20mm	1 pc.
761741	○ Zolid FX ML A3.5/A4 71 S	h=14mm	1 pc.	761784	○ Zolid FX ML A3.5/A4 98x14 N	h=14mm	1 pc.
761742	○ Zolid FX ML A3.5/A4 71	h=16mm	1 pc.	761785	○ Zolid FX ML A3.5/A4 98x16 N	h=16mm	1 pc.
761743	○ Zolid FX ML A3.5/A4 71 L	h=20mm	1 pc.	761786	○ Zolid FX ML A3.5/A4 98x20 N	h=20mm	1 pc.
761745	○ Zolid FX ML O/B1 71 S	h=14mm	1 pc.	761788	○ Zolid FX ML O/B1 98x14 N	h=14mm	1 pc.
761746	○ Zolid FX ML O/B1 71	h=16mm	1 pc.	761789	○ Zolid FX ML O/B1 98x16 N	h=16mm	1 pc.
761747	○ Zolid FX ML O/B1 71 L	h=20mm	1 pc.	761790	○ Zolid FX ML O/B1 98x20 N	h=20mm	1 pc.
761749	○ Zolid FX ML B2/B3 71 S	h=14mm	1 pc.	761792	○ Zolid FX ML B2/B3 98x14 N	h=14mm	1 pc.
761750	○ Zolid FX ML B2/B3 71	h=16mm	1 pc.	761793	○ Zolid FX ML B2/B3 98x16 N	h=16mm	1 pc.
761751	○ Zolid FX ML B2/B3 71 L	h=20mm	1 pc.	761794	○ Zolid FX ML B2/B3 98x20 N	h=20mm	1 pc.
761753	○ Zolid FX ML B3/B4 71 S	h=14mm	1 pc.	761796	○ Zolid FX ML B3/B4 98x14 N	h=14mm	1 pc.
761754	○ Zolid FX ML B3/B4 71	h=16mm	1 pc.	761797	○ Zolid FX ML B3/B4 98x16 N	h=16mm	1 pc.
761755	○ Zolid FX ML B3/B4 71 L	h=20mm	1 pc.	761798	○ Zolid FX ML B3/B4 98x20 N	h=20mm	1 pc.
761757	○ Zolid FX ML C1/C2 71 S	h=14mm	1 pc.	761800	○ Zolid FX ML C1/C2 98x14 N	h=14mm	1 pc.
761758	○ Zolid FX ML C1/C2	h=16mm	1 pc.	761801	○ Zolid FX ML C1/C2 98x16 N	h=16mm	1 pc.
761759	○ Zolid FX ML C1/C2 71 L	h=20mm	1 pc.	761802	○ Zolid FX ML C1/C2 98x20 N	h=20mm	1 pc.
761761	○ Zolid FX ML C3/C4 71 S	h=14mm	1 pc.	761804	○ Zolid FX ML C3/C4 98x14 N	h=14mm	1 pc.
761762	○ Zolid FX ML C3/C4	h=16mm	1 pc.	761805	○ Zolid FX ML C3/C4 98x16 N	h=16mm	1 pc.
761763	○ Zolid FX ML C3/C4 71 L	h=20mm	1 pc.	761806	○ Zolid FX ML C3/C4 98x20 N	h=20mm	1 pc.
761765	○ Zolid FX ML D2/D3 71 S	h=14mm	1 pc.	761808	○ Zolid FX ML D2/D3 98x14 N	h=14mm	1 pc.
761766	○ Zolid FX ML D2/D3	h=16mm	1 pc.	761809	○ Zolid FX ML D2/D3 98x16 N	h=16mm	1 pc.
761767	○ Zolid FX ML D2/D3 71 L	h=20mm	1 pc.	761810	○ Zolid FX ML D2/D3 98x20 N	h=20mm	1 pc.
761769	○ Zolid FX ML D3/D4 71 S	h=14mm	1 pc.	761812	○ Zolid FX ML D3/D4 98x14 N	h=14mm	1 pc.
761770	○ Zolid FX ML D3/D4	h=16mm	1 pc.	761813	○ Zolid FX ML D3/D4 98x16 N	h=16mm	1 pc.
761771	○ Zolid FX ML D3/D4 71 L	h=20mm	1 pc.	761814	○ Zolid FX ML D3/D4 98x20 N	h=20mm	1 pc.



Zolid FX Multilayer



Zolid FX Multilayer

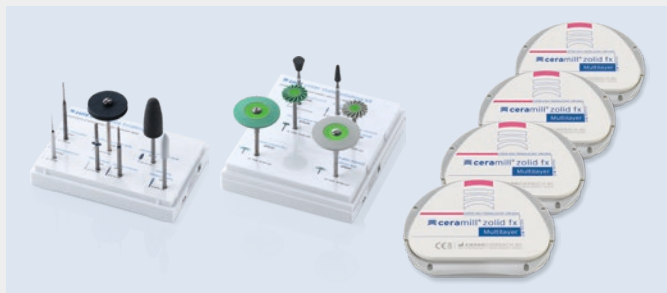
Zolid FX Multilayer

Stained, polychromatic SHT zirconia blanks, Block form AG mandrell

761817		Zolid FX ML O/A1	C20	20 x 19 mm	3 pcs.
761818		Zolid FX ML O/A1	B40	40 x 19 mm	3 pcs.
761820		Zolid FX ML A2/A3	C20	20 x 19 mm	3 pcs.
761821		Zolid FX ML A2/A3	B40	40 x 19 mm	3 pcs.
761823		Zolid FX ML A3.5/A4	C20	20 x 19 mm	3 pcs.
761824		Zolid FX ML A3.5/A4	B40	40 x 19 mm	3 pcs.
761826		Zolid FX ML O/B1	C20	20 x 19 mm	3 pcs.
761827		Zolid FX ML O/B1	B40	40 x 19 mm	3 pcs.
761829		Zolid FX ML B2/B3	C20	20 x 19 mm	3 pcs.
761830		Zolid FX ML B2/B3	B40	40 x 19 mm	3 pcs.
761832		Zolid FX ML B3/B4	C20	20 x 19 mm	3 pcs.
761833		Zolid FX ML B3/B4	B40	40 x 19 mm	3 pcs.
761835		Zolid FX ML C1/C2	C20	20 x 19 mm	3 pcs.
761836		Zolid FX ML C1/C2	B40	40 x 19 mm	3 pcs.
761838		Zolid FX ML C3/C4	C20	20 x 19 mm	3 pcs.
761839		Zolid FX ML C3/C4	B40	40 x 19 mm	3 pcs.
761841		Zolid FX ML D2/D3	C20	20 x 19 mm	3 pcs.
761842		Zolid FX ML D2/D3	B40	40 x 19 mm	3 pcs.
761844		Zolid FX ML D3/D4	C20	20 x 19 mm	3 pcs.
761845		Zolid FX ML D3/D4	B40	40 x 19 mm	3 pcs.

Block form universal mandrel for third-party systems

761854		Zolid FX ML O/A1	C20 UN	20 x 19 mm	3 pcs.
761855		Zolid FX ML O/A1	B40 UN	40 x 19 mm	3 pcs.
761857		Zolid FX ML A2/A3	C20 UN	20 x 19 mm	3 pcs.
761858		Zolid FX ML A2/A3	B40 UN	40 x 19 mm	3 pcs.
761860		Zolid FX ML A3.5/A4	C20 UN	20 x 19 mm	3 pcs.
761861		Zolid FX ML A3.5/A4	B40 UN	40 x 19 mm	3 pcs.
761863		Zolid FX ML O/B1	C20 UN	20 x 19 mm	3 pcs.
761864		Zolid FX ML O/B1	B40 UN	40 x 19 mm	3 pcs.
761866		Zolid FX ML B2/B3	C20 UN	20 x 19 mm	3 pcs.
761867		Zolid FX ML B2/B3	B40 UN	40 x 19 mm	3 pcs.
761869		Zolid FX ML B3/B4	C20 UN	20 x 19 mm	3 pcs.
761870		Zolid FX ML B3/B4	B40 UN	40 x 19 mm	3 pcs.
761872		Zolid FX ML C1/C2	C20 UN	20 x 19 mm	3 pcs.
761873		Zolid FX ML C1/C2	B40 UN	40 x 19 mm	3 pcs.
761875		Zolid FX ML C3/C4	C20 UN	20 x 19 mm	3 pcs.
761876		Zolid FX ML C3/C4	B40 UN	40 x 19 mm	3 pcs.
761878		Zolid FX ML D2/D3	C20 UN	20 x 19 mm	3 pcs.
761879		Zolid FX ML D2/D3	B40 UN	40 x 19 mm	3 pcs.
761881		Zolid FX ML D3/D4	C20 UN	20 x 19 mm	3 pcs.
761882		Zolid FX ML D3/D4	B40 UN	40 x 19 mm	3 pcs.



Zolid FX Multilayer Starter Kit

Stained, polychromatic SHT zirconia blanks

760034 Zolid FX ML Professional Kit 71mm

761738		Zolid FX ML A2/A3 71	h=16mm	1 pc.
761750		Zolid FX ML B2/B3 71	h=16mm	1 pc.
761758		Zolid FX ML C1/C2 71	h=16mm	1 pc.
761766		Zolid FX ML D2/D3 71	h=16mm	1 pc.
875520	Zolid Green-State Finishing Kit			1 pc.
875540	Zolid Sinter-State Polishing Kit			1 pc.



Zolid FX Multilayer Starter Kit

Stained, polychromatic SHT zirconia blanks

760035 Zolid FX ML Professional Kit 98mm

761781		Zolid FX ML A2/A3 98x16 N	h=16mm	1 pc.
761793		Zolid FX ML B2/B3 98x16 N	h=16mm	1 pc.
761801		Zolid FX ML C1/C2 98x16 N	h=16mm	1 pc.
761809		Zolid FX ML D2/D3 98x16 N	h=16mm	1 pc.
875520	Zolid Green-State Finishing Kit			1 pc.
875540	Zolid Sinter-State Polishing Kit			1 pc.





Zolid FX White



Zolid FX White

Zolid FX White

SHT zirconia blank

760122	⊖ Zolid FX 71 XS	h=12 mm	1 pc.
760123	⊖ Zolid FX 71 S	h=14 mm	1 pc.
760124	⊖ Zolid FX 71	h=16 mm	1 pc.
760125	⊖ Zolid FX 71 M	h=18 mm	1 pc.
760126	⊖ Zolid FX 71 L	h=20 mm	1 pc.
760127	⊖ Zolid FX 71 XL	h=25 mm	1 pc.

760130	○ Zolid FX 98x12 N	h=12 mm	1 pc.
760131	○ Zolid FX 98x14 N	h=14 mm	1 pc.
760132	○ Zolid FX 98x16 N	h=16 mm	1 pc.
760133	○ Zolid FX 98x18 N	h=18 mm	1 pc.
760134	○ Zolid FX 98x20 N	h=20 mm	1 pc.



Zolid FX Starterkit

760022 Zolid FX Starterkit			
760123	Zolid FX White 14 mm		4 pcs.
760124	Zolid FX White 16 mm		4 pcs.
761400	Liquid FX Set		1 pc.
760480	Liquid Eye		1 pc.



Zolid Gen-X Multilayer
(16 A-D VITA + 2 Bleach shades)



Zolid Gen-X Multilayer
(16 A-D VITA + 2 Bleach shades)

Zolid Gen-X Multilayer

Preshaded HT+ zirconia blanks

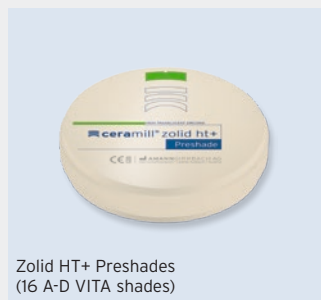
766618	○	Zolid Gen-X ML BL3 71x14	h=14mm	1 pc.	766790	○	Zolid Gen-X ML BL1 98x12	h=12mm	1 pc.
766619	○	Zolid Gen-X ML BL3 71x16	h=16mm	1 pc.	766791	○	Zolid Gen-X ML BL1 98x14	h=14mm	1 pc.
766621	○	Zolid Gen-X ML BL3 71x20	h=20mm	1 pc.	766792	○	Zolid Gen-X ML BL1 98x16	h=16mm	1 pc.
766636	○	Zolid Gen-X ML A2 71x14	h=14mm	1 pc.	766793	○	Zolid Gen-X ML BL1 98x18	h=18mm	1 pc.
766637	○	Zolid Gen-X ML A2 71x16	h=16mm	1 pc.	766794	○	Zolid Gen-X ML BL1 98x20	h=20mm	1 pc.
766639	○	Zolid Gen-X ML A2 71x20	h=20mm	1 pc.	766795	○	Zolid Gen-X ML BL1 98x22	h=22mm	1 pc.
766645	○	Zolid Gen-X ML A3 71x14	h= 14mm	1 pc.	766796	○	Zolid Gen-X ML BL1 98x25	h=25mm	1 pc.
766646	○	Zolid Gen-X ML A3 71x16	h=16mm	1 pc.	766808	○	Zolid Gen-X ML BL3 98x12	h=12mm	1 pc.
766648	○	Zolid Gen-X ML A3 71x20	h=20mm	1 pc.	766809	○	Zolid Gen-X ML BL3 98x14	h=14mm	1 pc.
766654	○	Zolid Gen-X ML A3,5 71x14	h=14mm	1 pc.	766810	○	Zolid Gen-X ML BL3 98x16	h=16mm	1 pc.
766655	○	Zolid Gen-X ML A3,5 71x16	h=16mm	1 pc.	766811	○	Zolid Gen-X ML BL3 98x18	h=18mm	1 pc.
766657	○	Zolid Gen-X ML A3,5 71x20	h=20mm	1 pc.	766812	○	Zolid Gen-X ML BL3 98x20	h=20mm	1 pc.
766672	○	Zolid Gen-X ML B1 71x14	h=14mm	1 pc.	766813	○	Zolid Gen-X ML BL3 98x22	h=22mm	1 pc.
766673	○	Zolid Gen-X ML B1 71x16	h=16mm	1 pc.	766814	○	Zolid Gen-X ML BL3 98x25	h=25mm	1 pc.
766675	○	Zolid Gen-X ML B1 71x20	h=20mm	1 pc.	766817	○	Zolid Gen-X ML A1 98x12	h=12mm	1 pc.
766681	○	Zolid Gen-X ML B2 71x14	h=14mm	1 pc.	766818	○	Zolid Gen-X ML A1 98x14	h=14mm	1 pc.
766682	○	Zolid Gen-X ML B2 71x16	h=16mm	1 pc.	766819	○	Zolid Gen-X ML A1 98x16	h=16mm	1 pc.
766684	○	Zolid Gen-X ML B2 71x20	h=20mm	1 pc.	766820	○	Zolid Gen-X ML A1 98x18	h=18mm	1 pc.
766708	○	Zolid Gen-X ML C1 71x14	h=14mm	1 pc.	766821	○	Zolid Gen-X ML A1 98x20	h=20mm	1 pc.
766709	○	Zolid Gen-X ML C1 71x16	h=16mm	1 pc.	766822	○	Zolid Gen-X ML A1 98x22	h=22mm	1 pc.
766711	○	Zolid Gen-X ML C1 71x20	h=20mm	1 pc.	766823	○	Zolid Gen-X ML A1 98x25	h=25mm	1 pc.
766717	○	Zolid Gen-X ML C2 71x14	h=14mm	1 pc.	766826	○	Zolid Gen-X ML A2 98x12	h=12mm	1 pc.
766718	○	Zolid Gen-X ML C2 71x16	h=16mm	1 pc.	766827	○	Zolid Gen-X ML A2 98x14	h=14mm	1 pc.
766720	○	Zolid Gen-X ML C2 71x20	h=20mm	1 pc.	766828	○	Zolid Gen-X ML A2 98x16	h=16mm	1 pc.
766744	○	Zolid Gen-X ML D2 71x14	h=14mm	1 pc.	766829	○	Zolid Gen-X ML A2 98x18	h=18mm	1 pc.
766745	○	Zolid Gen-X ML D2 71x16	h=16mm	1 pc.	766830	○	Zolid Gen-X ML A2 98x20	h=20mm	1 pc.
766747	○	Zolid Gen-X ML D2 71x20	h=20mm	1 pc.	766831	○	Zolid Gen-X ML A2 98x22	h=22mm	1 pc.
					766832	○	Zolid Gen-X ML A2 98x25	h=25mm	1 pc.
					766835	○	Zolid Gen-X ML A3 98x12	h=12mm	1 pc.
					766836	○	Zolid Gen-X ML A3 98x14	h=14mm	1 pc.
					766837	○	Zolid Gen-X ML A3 98x16	h=16mm	1 pc.
					766838	○	Zolid Gen-X ML A3 98x18	h=18mm	1 pc.
					766839	○	Zolid Gen-X ML A3 98x20	h=20mm	1 pc.
					766840	○	Zolid Gen-X ML A3 98x22	h=22mm	1 pc.
					766841	○	Zolid Gen-X ML A3 98x25	h=25mm	1 pc.
					766844	○	Zolid Gen-X ML A3,5 98x12	h=12mm	1 pc.
					766845	○	Zolid Gen-X ML A3,5 98x14	h=14mm	1 pc.
					766846	○	Zolid Gen-X ML A3,5 98x16	h=16mm	1 pc.
					766847	○	Zolid Gen-X ML A3,5 98x18	h=18mm	1 pc.
					766848	○	Zolid Gen-X ML A3,5 98x20	h=20mm	1 pc.
					766849	○	Zolid Gen-X ML A3,5 98x22	h=22mm	1 pc.
					766850	○	Zolid Gen-X ML A3,5 98x25	h=25mm	1 pc.
					766853	○	Zolid Gen-X ML A4 98x12	h=12mm	1 pc.
					766854	○	Zolid Gen-X ML A4 98x14	h=14mm	1 pc.
					766855	○	Zolid Gen-X ML A4 98x16	h=16mm	1 pc.
					766856	○	Zolid Gen-X ML A4 98x18	h=18mm	1 pc.
					766857	○	Zolid Gen-X ML A4 98x20	h=20mm	1 pc.
					766858	○	Zolid Gen-X ML A4 98x22	h=22mm	1 pc.
					766859	○	Zolid Gen-X ML A4 98x25	h=25mm	1 pc.



766862	○ Zolid Gen-X ML B1 98x12	h=12mm	1 pc.	766925	○ Zolid Gen-X ML C4 98x12	h=12mm	1 pc.
766863	○ Zolid Gen-X ML B1 98x14	h=14mm	1 pc.	766926	○ Zolid Gen-X ML C4 98x14	h=14mm	1 pc.
766864	○ Zolid Gen-X ML B1 98x16	h=16mm	1 pc.	766927	○ Zolid Gen-X ML C4 98x16	h=16mm	1 pc.
766865	○ Zolid Gen-X ML B1 98x18	h=18mm	1 pc.	766928	○ Zolid Gen-X ML C4 98x18	h=18mm	1 pc.
766866	○ Zolid Gen-X ML B1 98x20	h=20mm	1 pc.	766929	○ Zolid Gen-X ML C4 98x20	h=20mm	1 pc.
766867	○ Zolid Gen-X ML B1 98x22	h=22mm	1 pc.	766930	○ Zolid Gen-X ML C4 98x22	h=22mm	1 pc.
766868	○ Zolid Gen-X ML B1 98x25	h=25mm	1 pc.	766931	○ Zolid Gen-X ML C4 98x25	h=25mm	1 pc.
766871	○ Zolid Gen-X ML B2 98x12	h=12mm	1 pc.	766934	○ Zolid Gen-X ML D2 98x12	h=12mm	1 pc.
766872	○ Zolid Gen-X ML B2 98x14	h=14mm	1 pc.	766935	○ Zolid Gen-X ML D2 98x14	h=14mm	1 pc.
766873	○ Zolid Gen-X ML B2 98x16	h=16mm	1 pc.	766936	○ Zolid Gen-X ML D2 98x16	h=16mm	1 pc.
766874	○ Zolid Gen-X ML B2 98x18	h=18mm	1 pc.	766937	○ Zolid Gen-X ML D2 98x18	h=18mm	1 pc.
766875	○ Zolid Gen-X ML B2 98x20	h=20mm	1 pc.	766938	○ Zolid Gen-X ML D2 98x20	h=20mm	1 pc.
766876	○ Zolid Gen-X ML B2 98x22	h=22mm	1 pc.	766939	○ Zolid Gen-X ML D2 98x22	h=22mm	1 pc.
766877	○ Zolid Gen-X ML B2 98x25	h=25mm	1 pc.	766940	○ Zolid Gen-X ML D2 98x25	h=25mm	1 pc.
766880	○ Zolid Gen-X ML B3 98x12	h=12mm	1 pc.	766943	○ Zolid Gen-X ML D3 98x12	h=12mm	1 pc.
766881	○ Zolid Gen-X ML B3 98x14	h=14mm	1 pc.	766944	○ Zolid Gen-X ML D3 98x14	h=14mm	1 pc.
766882	○ Zolid Gen-X ML B3 98x16	h=16mm	1 pc.	766945	○ Zolid Gen-X ML D3 98x16	h=16mm	1 pc.
766883	○ Zolid Gen-X ML B3 98x18	h=18mm	1 pc.	766946	○ Zolid Gen-X ML D3 98x18	h=18mm	1 pc.
766884	○ Zolid Gen-X ML B3 98x20	h=20mm	1 pc.	766947	○ Zolid Gen-X ML D3 98x20	h=20mm	1 pc.
766885	○ Zolid Gen-X ML B3 98x22	h=22mm	1 pc.	766948	○ Zolid Gen-X ML D3 98x22	h=22mm	1 pc.
766886	○ Zolid Gen-X ML B3 98x25	h=25mm	1 pc.	766949	○ Zolid Gen-X ML D3 98x25	h=25mm	1 pc.
766889	○ Zolid Gen-X ML B4 98x12	h=12mm	1 pc.	766952	○ Zolid Gen-X ML D4 98x12	h=12mm	1 pc.
766890	○ Zolid Gen-X ML B4 98x14	h=14mm	1 pc.	766953	○ Zolid Gen-X ML D4 98x14	h=14mm	1 pc.
766891	○ Zolid Gen-X ML B4 98x16	h=16mm	1 pc.	766954	○ Zolid Gen-X ML D4 98x16	h=16mm	1 pc.
766892	○ Zolid Gen-X ML B4 98x18	h=18mm	1 pc.	766955	○ Zolid Gen-X ML D4 98x18	h=18mm	1 pc.
766893	○ Zolid Gen-X ML B4 98x20	h=20mm	1 pc.	766956	○ Zolid Gen-X ML D4 98x20	h=20mm	1 pc.
766894	○ Zolid Gen-X ML B4 98x22	h=22mm	1 pc.	766957	○ Zolid Gen-X ML D4 98x22	h=22mm	1 pc.
766895	○ Zolid Gen-X ML B4 98x25	h=25mm	1 pc.	766958	○ Zolid Gen-X ML D4 98x25	h=25mm	1 pc.
766898	○ Zolid Gen-X ML C1 98x12	h=12mm	1 pc.				
766899	○ Zolid Gen-X ML C1 98x14	h=14mm	1 pc.				
766900	○ Zolid Gen-X ML C1 98x16	h=16mm	1 pc.				
766901	○ Zolid Gen-X ML C1 98x18	h=18mm	1 pc.				
766902	○ Zolid Gen-X ML C1 98x20	h=20mm	1 pc.				
766903	○ Zolid Gen-X ML C1 98x22	h=22mm	1 pc.				
766904	○ Zolid Gen-X ML C1 98x25	h=25mm	1 pc.				
766907	○ Zolid Gen-X ML C2 98x12	h=12mm	1 pc.				
766908	○ Zolid Gen-X ML C2 98x14	h=14mm	1 pc.				
766909	○ Zolid Gen-X ML C2 98x16	h=16mm	1 pc.				
766910	○ Zolid Gen-X ML C2 98x18	h=18mm	1 pc.				
766911	○ Zolid Gen-X ML C2 98x20	h=20mm	1 pc.				
766912	○ Zolid Gen-X ML C2 98x22	h=22mm	1 pc.				
766913	○ Zolid Gen-X ML C2 98x25	h=25mm	1 pc.				
766916	○ Zolid Gen-X ML C3 98x12	h=12mm	1 pc.				
766917	○ Zolid Gen-X ML C3 98x14	h=14mm	1 pc.				
766918	○ Zolid Gen-X ML C3 98x16	h=16mm	1 pc.				
766919	○ Zolid Gen-X ML C3 98x18	h=18mm	1 pc.				
766920	○ Zolid Gen-X ML C3 98x20	h=20mm	1 pc.				
766921	○ Zolid Gen-X ML C3 98x22	h=22mm	1 pc.				
766922	○ Zolid Gen-X ML C3 98x25	h=25mm	1 pc.				



Zolid HT+ Preshades
(16 A-D VITA shades)



Zolid HT+ Preshades
(16 A-D VITA shades)

Zolid HT+ Preshades

Preshaded SHT zirconia blanks

766032	○ Zolid HT+ PS BL 71x14	h = 14 mm	1 pc.	766152	○ Zolid HT+ PS BL 98x14	h = 14 mm	1 pc.
766033	○ Zolid HT+ PS BL 71x16	h = 16 mm	1 pc.	766153	○ Zolid HT+ PS BL 98x16	h = 16 mm	1 pc.
766035	○ Zolid HT+ PS BL 71x20	h = 20 mm	1 pc.	766155	○ Zolid HT+ PS BL 98x20	h = 20 mm	1 pc.
766039	○ Zolid HT+ PS A1 71x14	h = 14 mm	1 pc.	766159	○ Zolid HT+ PS A1 98x14	h = 14 mm	1 pc.
766040	○ Zolid HT+ PS A1 71x16	h = 16 mm	1 pc.	766160	○ Zolid HT+ PS A1 98x16	h = 16 mm	1 pc.
766042	○ Zolid HT+ PS A1 71x20	h = 20 mm	1 pc.	766162	○ Zolid HT+ PS A1 98x20	h = 20 mm	1 pc.
766046	○ Zolid HT+ PS A2 71x14	h = 14 mm	1 pc.	766166	○ Zolid HT+ PS A2 98x14	h = 14 mm	1 pc.
766047	○ Zolid HT+ PS A2 71x16	h = 16 mm	1 pc.	766167	○ Zolid HT+ PS A2 98x16	h = 16 mm	1 pc.
766049	○ Zolid HT+ PS A2 71x20	h = 20 mm	1 pc.	766169	○ Zolid HT+ PS A2 98x20	h = 20 mm	1 pc.
766053	○ Zolid HT+ PS A3 71x14	h = 14 mm	1 pc.	766173	○ Zolid HT+ PS A3 98x14	h = 14 mm	1 pc.
766054	○ Zolid HT+ PS A3 71x16	h = 16 mm	1 pc.	766174	○ Zolid HT+ PS A3 98x16	h = 16 mm	1 pc.
766056	○ Zolid HT+ PS A3 71x20	h = 20 mm	1 pc.	766176	○ Zolid HT+ PS A3 98x20	h = 20 mm	1 pc.
766060	○ Zolid HT+ PS A3.5 71x14	h = 14 mm	1 pc.	766180	○ Zolid HT+ PS A3.5 98x14	h = 14 mm	1 pc.
766061	○ Zolid HT+ PS A3.5 71x16	h = 16 mm	1 pc.	766181	○ Zolid HT+ PS A3.5 98x16	h = 16 mm	1 pc.
766063	○ Zolid HT+ PS A3.5 71x20	h = 20 mm	1 pc.	766183	○ Zolid HT+ PS A3.5 98x20	h = 20 mm	1 pc.
766067	○ Zolid HT+ PS A4 71x14	h = 14 mm	1 pc.	766187	○ Zolid HT+ PS A4 98x14	h = 14 mm	1 pc.
766068	○ Zolid HT+ PS A4 71x16	h = 16 mm	1 pc.	766188	○ Zolid HT+ PS A4 98x16	h = 16 mm	1 pc.
766070	○ Zolid HT+ PS A4 71x20	h = 20 mm	1 pc.	766190	○ Zolid HT+ PS A4 98x20	h = 20 mm	1 pc.
766074	○ Zolid HT+ PS B1 71x14	h = 14 mm	1 pc.	766194	○ Zolid HT+ PS B1 98x14	h = 14 mm	1 pc.
766075	○ Zolid HT+ PS B1 71x16	h = 16 mm	1 pc.	766195	○ Zolid HT+ PS B1 98x16	h = 16 mm	1 pc.
766077	○ Zolid HT+ PS B1 71x20	h = 20 mm	1 pc.	766197	○ Zolid HT+ PS B1 98x20	h = 20 mm	1 pc.
766081	○ Zolid HT+ PS B2 71x14	h = 14 mm	1 pc.	766201	○ Zolid HT+ PS B2 98x14	h = 14 mm	1 pc.
766082	○ Zolid HT+ PS B2 71x16	h = 16 mm	1 pc.	766202	○ Zolid HT+ PS B2 98x16	h = 16 mm	1 pc.
766084	○ Zolid HT+ PS B2 71x20	h = 20 mm	1 pc.	766204	○ Zolid HT+ PS B2 98x20	h = 20 mm	1 pc.
766088	○ Zolid HT+ PS B3 71x14	h = 14 mm	1 pc.	766208	○ Zolid HT+ PS B3 98x14	h = 14 mm	1 pc.
766089	○ Zolid HT+ PS B3 71x16	h = 16 mm	1 pc.	766209	○ Zolid HT+ PS B3 98x16	h = 16 mm	1 pc.
766091	○ Zolid HT+ PS B3 71x20	h = 20 mm	1 pc.	766211	○ Zolid HT+ PS B3 98x20	h = 20 mm	1 pc.
766095	○ Zolid HT+ PS B4 71x14	h = 14 mm	1 pc.	766215	○ Zolid HT+ PS B4 98x14	h = 14 mm	1 pc.
766096	○ Zolid HT+ PS B4 71x16	h = 16 mm	1 pc.	766216	○ Zolid HT+ PS B4 98x16	h = 16 mm	1 pc.
766098	○ Zolid HT+ PS B4 71x20	h = 20 mm	1 pc.	766218	○ Zolid HT+ PS B4 98x20	h = 20 mm	1 pc.
766102	○ Zolid HT+ PS C1 71x14	h = 14 mm	1 pc.	766222	○ Zolid HT+ PS C1 98x14	h = 14 mm	1 pc.
766103	○ Zolid HT+ PS C1 71x16	h = 16 mm	1 pc.	766223	○ Zolid HT+ PS C1 98x16	h = 16 mm	1 pc.
766105	○ Zolid HT+ PS C1 71x20	h = 20 mm	1 pc.	766225	○ Zolid HT+ PS C1 98x20	h = 20 mm	1 pc.
766109	○ Zolid HT+ PS C2 71x14	h = 14 mm	1 pc.	766229	○ Zolid HT+ PS C2 98x14	h = 14 mm	1 pc.
766110	○ Zolid HT+ PS C2 71x16	h = 16 mm	1 pc.	766230	○ Zolid HT+ PS C2 98x16	h = 16 mm	1 pc.
766112	○ Zolid HT+ PS C2 71x20	h = 20 mm	1 pc.	766232	○ Zolid HT+ PS C2 98x20	h = 20 mm	1 pc.
766116	○ Zolid HT+ PS C3 71x14	h = 14 mm	1 pc.	766236	○ Zolid HT+ PS C3 98x14	h = 14 mm	1 pc.
766117	○ Zolid HT+ PS C3 71x16	h = 16 mm	1 pc.	766237	○ Zolid HT+ PS C3 98x16	h = 16 mm	1 pc.
766119	○ Zolid HT+ PS C3 71x20	h = 20 mm	1 pc.	766239	○ Zolid HT+ PS C3 98x20	h = 20 mm	1 pc.
766123	○ Zolid HT+ PS C4 71x14	h = 14 mm	1 pc.	766243	○ Zolid HT+ PS C4 98x14	h = 14 mm	1 pc.
766124	○ Zolid HT+ PS C4 71x16	h = 16 mm	1 pc.	766244	○ Zolid HT+ PS C4 98x16	h = 16 mm	1 pc.
766126	○ Zolid HT+ PS C4 71x20	h = 20 mm	1 pc.	766246	○ Zolid HT+ PS C4 98x20	h = 20 mm	1 pc.
766130	○ Zolid HT+ PS D2 71x14	h = 14 mm	1 pc.	766250	○ Zolid HT+ PS D2 98x14	h = 14 mm	1 pc.
766131	○ Zolid HT+ PS D2 71x16	h = 16 mm	1 pc.	766251	○ Zolid HT+ PS D2 98x16	h = 16 mm	1 pc.
766133	○ Zolid HT+ PS D2 71x20	h = 20 mm	1 pc.	766253	○ Zolid HT+ PS D2 98x20	h = 20 mm	1 pc.
766137	○ Zolid HT+ PS D3 71x14	h = 14 mm	1 pc.	766257	○ Zolid HT+ PS D3 98x14	h = 14 mm	1 pc.
766138	○ Zolid HT+ PS D3 71x16	h = 16 mm	1 pc.	766258	○ Zolid HT+ PS D3 98x16	h = 16 mm	1 pc.
766140	○ Zolid HT+ PS D3 71x20	h = 20 mm	1 pc.	766260	○ Zolid HT+ PS D3 98x20	h = 20 mm	1 pc.
766144	○ Zolid HT+ PS D4 71x14	h = 14 mm	1 pc.	766264	○ Zolid HT+ PS D4 98x14	h = 14 mm	1 pc.
766145	○ Zolid HT+ PS D4 71x16	h = 16 mm	1 pc.	766265	○ Zolid HT+ PS D4 98x16	h = 16 mm	1 pc.
766147	○ Zolid HT+ PS D4 71x20	h = 20 mm	1 pc.	766267	○ Zolid HT+ PS D4 98x20	h = 20 mm	1 pc.





Zolid HT+ White



Zolid HT+ White

Zolid HT+ White

HT zirconia blanks

766009	○ Zolid HT+ White 71x10	h=10 mm	1 pc.
766010	○ Zolid HT+ White 71x12	h=12 mm	1 pc.
766011	○ Zolid HT+ White 71x14	h=14 mm	1 pc.
766012	○ Zolid HT+ White 71x16	h=16 mm	1 pc.
766013	○ Zolid HT+ White 71x18	h=18 mm	1 pc.
766014	○ Zolid HT+ White 71x20	h=20 mm	1 pc.
766016	○ Zolid HT+ White 71x25	h=25 mm	1 pc.
766020	○ Zolid HT+ White 98x10	h=10 mm	1 pc.
766021	○ Zolid HT+ White 98x12	h=12 mm	1 pc.
766022	○ Zolid HT+ White 98x14	h=14 mm	1 pc.
766023	○ Zolid HT+ White 98x16	h=16 mm	1 pc.
766024	○ Zolid HT+ White 98x18	h=18 mm	1 pc.
766025	○ Zolid HT+ White 98x20	h=20 mm	1 pc.
766027	○ Zolid HT+ White 98x25	h=25 mm	1 pc.



ZI White

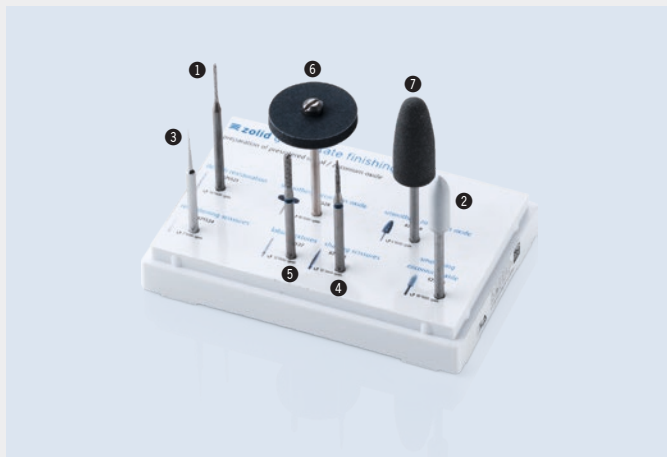


ZI White

ZI White

LT zirconia blanks

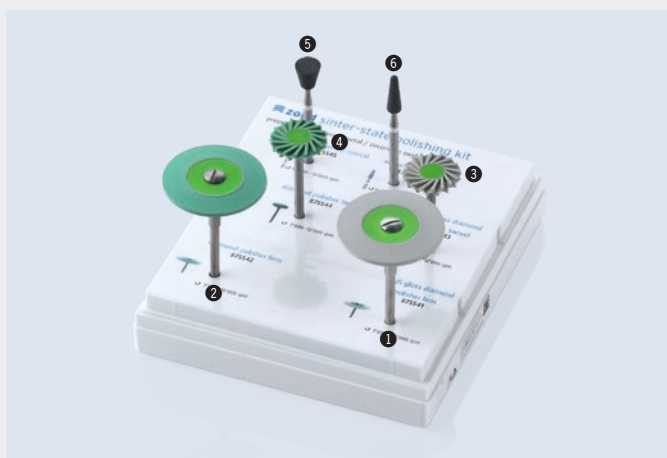
760172	○ ZI 71 XS	h=12 mm	1 pc.
760173	○ ZI 71 S	h=14 mm	1 pc.
760174	○ ZI 71	h=16 mm	1 pc.
760176	○ ZI 71 M	h=18 mm	1 pc.
760184	○ ZI 71 L	h=20 mm	1 pc.
760175	○ ZI 71 XL	h=25 mm	1 pc.
760221	○ ZI CAM 98x14 N	h=14 mm	1 pc.
760223	○ ZI CAM 98x16 N	h=16 mm	1 pc.
760225	○ ZI CAM 98x18 N	h=18 mm	1 pc.
760227	○ ZI CAM 98x20 N	h=20 mm	1 pc.
760229	○ ZI CAM 98x25 N	h=25 mm	1 pc.



Zolid Green-State Finishing Kit

Rotary instruments for dental technicians for preparing sintering metal or zirconia in the pre-sintered state

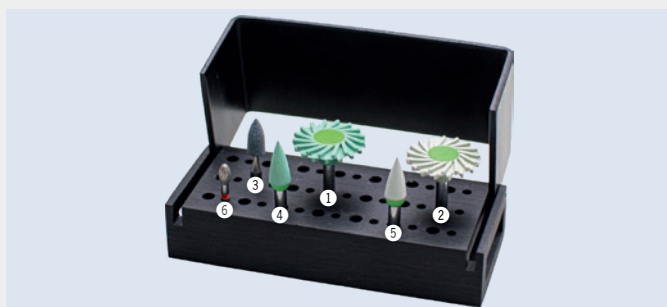
875520 Zolid Green-State Finishing Kit Pack contents: see image		
875521	1 Separating cutter for removing from the blank	1 pc.
875523	2 Universal polisher for smoothing the surface	5 pcs.
875524	3 Fissure cutter squared for creating fissures	2 pcs.
875526	4 Diamond flame for reworking fissures	5 pcs.
875527	5 Diamond parallel for creating labial texture	5 pcs.
875528	6 Polishing disc without mandrel for thinning out the crown margin	10 pcs.
875529	7 Polisher grenade for grinding of connectors	5 pcs.



Zolid Sinter-State Polishing Kit - Lab Kit

Zircon oxide-polishing set for the dental technician

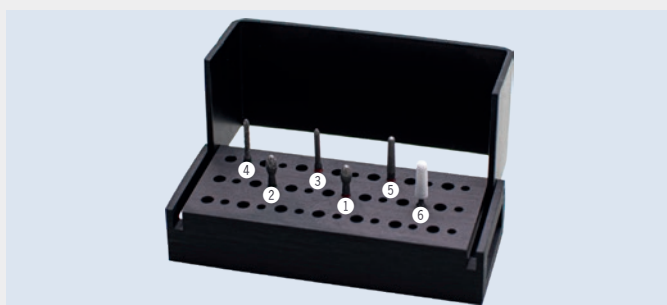
875540 Zolid Sinter-State Polishing Kit - Lab Kit Delivery includes: see image		
875541	1 High gloss diamond polisher, lens	1 pc.
875542	2 Diamond polisher, lens	1 pc.
875543	3 High gloss diamond polisher, lab swivel	2 pcs.
875544	4 Diamond polisher lab swivel	2 pcs.
875545	5 Abrasive inverted conical	2 pcs.
875546	6 Abrasive conical	2 pcs.



Zolid Polishing Dent-Kit

Zircon oxide-polishing set for the dentist

875557 Zolid Polishing Dent Kit update Delivery include: see image		
875551	1 Smoothing and pre-polishing, swivel	2 pcs.
875552	2 High gloss polishing, swivel	2 pcs.
875553	3 Abrasive	2 pcs.
875554	4 Gloss polishing, flame	2 pcs.
875555	5 High gloss polishing, flame	2 pcs.
875556	6 Diamond	1 pc.



Zolid Preparation Dent-Kit

Rotary instruments for dentists

875530 Zolid Preparation Dent-Kit Delivery include: see image		
875531	1 Diamond Egg Fine	5 pcs.
875532	2 Diamond Egg Coarse	5 pcs.
875533	3 Diamond Torpedo Fine	5 pcs.
875534	4 Diamond Torpedo Coarse	5 pcs.
875535	5 Diamond Conical Fine	5 pcs.
875536	6 Abrasive Arkansas FG	5 pcs.



All-Bright Diamond Paste

Polishing paste

761938	All-Bright Diamond Paste 11g	1 pc.
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Liquid FX Set

Colouring liquids for Zolid FX White

761400 Liquid FX Set

Content: A2, A3, A3.5, B3, OR, GR, RO, VIO, Ceramill Dimmer Liquid Small, Ceramill Liquid Brush Size 1, Ceramill Liquid Brush Size 3, plastic tweezers, eight paint cans, timer)

Colouring liquids à 100ml:

761401	Liquid FX A1
761402	Liquid FX A2
761403	Liquid FX A3
761404	Liquid FX A3.5
761405	Liquid FX A4
761406	Liquid FX B1
761407	Liquid FX B2
761408	Liquid FX B3
761409	Liquid FX B4
761410	Liquid FX C1
761411	Liquid FX C2
761412	Liquid FX C3
761413	Liquid FX C4
761414	Liquid FX D2
761415	Liquid FX D3
761416	Liquid FX D4

Effect shades à 100ml:

761417	Liquid FX OR
761418	Liquid FX GR
761419	Liquid FX RO
761420	Liquid FX GIN
761421	Liquid FX VIO
761422	Liquid FX BL



Ceramill Liquid "new formula" Set

Colouring liquids for Zolid HT+ White

760469 Ceramill Liquid "new formula" Set

Content: A2, A3, A3.5, B3, OR, GR, RO, VIO, Ceramill Dimmer Liquid Small, Ceramill Liquid Brush Size 1, Ceramill Liquid Brush Size 3, plastic tweezers, eight paint cans, timer)

Colouring liquids à 100 ml

760430	Ceramill Liquid A1
760432	Ceramill Liquid A2
760433	Ceramill Liquid A3
760434	Ceramill Liquid A3.5
760435	Ceramill Liquid A4
760436	Ceramill Liquid B1
760437	Ceramill Liquid B2
760438	Ceramill Liquid B3
760439	Ceramill Liquid B4
760440	Ceramill Liquid C1
760442	Ceramill Liquid C2
760443	Ceramill Liquid C3
760444	Ceramill Liquid C4
760445	Ceramill Liquid D2
760446	Ceramill Liquid D3
760447	Ceramill Liquid D4

Effect shades à 50 ml

760485	Ceramill Liquid RO new formula
760486	Ceramill Liquid GIN new formula
760487	Ceramill Liquid VIO new formula
760488	Ceramill Liquid OR new formula
760489	Ceramill Liquid GR new formula



Ceramill Liquid CL

Colouring liquids for ZI White

Colouring liquids à 100ml:

760471	Ceramill Liquid CL1
760472	Ceramill Liquid CL2
760473	Ceramill Liquid CL3
760474	Ceramill Liquid CL4

Effect shades à 100ml:

760476	Ceramill Liquid CL OR
760477	Ceramill Liquid CL GR



Fasthetix Liquid Starter Essential

Staining solutions suitable for the fast staining technique for Zolid FX White, Zolid HT+ White and ZI White

761397 Fasthetix Liquid Starter Essential

Contents: A1, A2, A3, A3.5, B1, B2, C2, D3, Ceramill Dimmer Liquid Small, Ceramill Liquid Eye blue, Ceramill Liquid Brush Size 1, Ceramill Liquid Brush Size 3, plastic forceps, timer



Fasthetix Liquid Starter

Staining solutions suitable for the fast staining technique for Zolid FX White, Zolid HT+ White and ZI White

761398 Fasthetix Liquid Starter

Contents: 16 A-D Liquids, Ceramill Dimmer Liquid Small, Ceramill Liquid Eye blue, Ceramill Liquid Brush Size 1, Ceramill Liquid Brush Size 3, plastic forceps, eight staining tins, timer



Zirconia Stain

Accessories Ceramill Liquid

760449	Ceramill Dimmer Liquid Refill (thinner)	1 pc.
760450	Ceramill Liquid staining tin	10 pcs.
760480	Ceramill Liquid Eye complete set	4 x 25 ml
760478	Ceramill Liquid Brush Size 1	4 pcs.
760479	Ceramill Liquid Brush Size 3	4 pcs.
761939	Zirconia Stain 3 in 1 Brush Kit (3-part) Brush for applying the Zolid liquids	1 pc.
Contents: Zirconia Stain Brush Size 1 (1 pc.), Zirconia Stain Brush Size 2 (1 pc.), Zirconia Stain Brush Size 3 (1 pc.)		



Ceramill Stain & Glaze Kit

Stains and glaze porcelains for customisation of zirconium oxide

760349 Ceramill Stain & Glaze Kit update, 19 pieces		
760351	Ceramill Stain yellow	4 g
760352	Ceramill Stain orange	4 g
760353	Ceramill Stain blue	4 g
760354	Ceramill Stain grey	4 g
760355	Ceramill Stain white	4 g
760369	Ceramill Stain violett	4 g
760363	Ceramill Stain red	4 g
760364	Ceramill Stain gingiva	4 g
760365	Ceramill Stain brown	4 g
760366	Ceramill Stain eggshell	4 g
760367	Ceramill Stain bleach	4 g
760368	Ceramill Stain dark brown	4 g
760356	Ceramill Stain A	4 g
760357	Ceramill Stain B	4 g
760358	Ceramill Stain C	4 g
760359	Ceramill Stain D	4 g
760360	Ceramill Glaze (glaze porcelain)	4 g
760361	Ceramill Stain & Glaze Working Liquid Liquid for mixing the stain and glaze powders 25 ml	25 ml
760362	Ceramill Stain & Glaze Reflow Liquid Liquid for restoring the initial consistency	8 ml

760038 Ceramill Stain & Glaze Essential Kit, 12 pieces		
760351	Ceramill Stain yellow	4 g
760353	Ceramill Stain blue	4 g
760354	Ceramill Stain grey	4 g
760369	Ceramill Stain violett	4 g
760366	Ceramill Stain eggshell	4 g
760356	Ceramill Stain A	4 g
760357	Ceramill Stain B	4 g
760358	Ceramill Stain C	4 g
760359	Ceramill Stain D	4 g
760361	Ceramill Stain & Glaze Working Liquid Liquid for mixing the stain and glaze powders 25 ml	25 ml
760362	Ceramill Stain & Glaze Reflow Liquid	8 ml



Optimum Brush Line - ceramic brushes

Brush with lightweight, ergonomic aluminum handle with innovative spring activation system in the brush tip for the perfect design

761895	Optimum Spring Master Kit, Size 6 (4-part)	1 pc.
Content: 761897 Optimum Spring Ceramic Brush, Size 6 (1 pc.); 761899 Optimum Ceramic Brush, Stain (1 pc.); 761900 Optimum Ceramic Brush, Opaque (1 pc.); 761901 Optimum Ceramic Brush, Contour (1 pc.)		
761896	Optimum Spring Ceramic Brush, Size 4	1 pc.
761897	① Optimum Spring Ceramic Brush, Size 6	1 pc.
761898	Optimum Spring Ceramic Brush, Size 8	1 pc.
761899	② Optimum Ceramic Brush, Stain	1 pc.
761900	③ Optimum Ceramic Brush, Opaque	1 pc.
761901	④ Optimum Ceramic Brush, Contour	1 pc.
761902	⑤ Optimum Replacement Brush Tip, Size 4	1 pc.
761903	⑥ Optimum Replacement Brush Tip, Size 6	1 pc.
761904	⑦ Optimum Replacement Brush Tip, Size 8	1 pc.
761905	⑧ Optimum Replacement Brush Tip, Contour	1 pc.
761906	⑨ Optimum Replacement Brush Tip, Stain	1 pc.
761907	⑩ Optimum Replacement Brush Tip, Opaque	1 pc.



Revolution Brush Line

Brush with lightweight, ergonomic aluminum handle

761911	Revolution Master Kit, Size 6 (4-part)	1 pc.
Content: 761913 Revolution Ceramic Brush, Size 6 (1 pc.); 761915 Revolution Ceramic Brush, Stain (1 pc.); 761916 Revolution Ceramic Brush, Glaze (1 pc.); 761917 Revolution Ceramic Brush, Contour (1 pc.)		
761912	Revolution Ceramic Brush, Size 4	1 pc.
761913	① Revolution Ceramic Brush, Size 6	1 pc.
761914	Revolution Ceramic Brush, Size 8	1 pc.
761915	② Revolution Ceramic Brush, Stain	1 pc.
761916	③ Revolution Ceramic Brush, Glaze	1 pc.
761917	④ Revolution Ceramic Brush, Contour	1 pc.
761918	⑤ Revolution Replacement Brush Tip, Size 4	1 pc.
761919	⑥ Revolution Replacement Brush Tip, Size 6	1 pc.
761920	⑦ Revolution Replacement Brush Tip, Size 8	1 pc.
761921	⑧ Revolution Replacement Brush Tip, Contour	1 pc.
761922	⑨ Revolution Replacement Brush Tip, Stain	1 pc.
761923	⑩ Revolution Replacement Brush Tip, Glaze	1 pc.



Instrument Bench Stand

For storing brushes

761930	Instrument Bench Stand	1 pc.
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CAD Artistry Mixing Palette - ceramic mixing palette

Palette for mixing ceramic materials

761927	CAD Artistry Mixing Palette	1 pc.
761935	Nylon Sheet for CAD Artistry Palette	1 pc.
761940	Absorbent Strips CAD Artistry Palette	2 pcs.



Peg Fix

Firing paste made of PCW fibers is suitable for firing ceramic and metallic restorations

761928	Peg Fix 9cc Box	3 pcs.
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Texture Eyes

Copper paste for the visualization of morphology and surface texture

761929	Texture Eyes 10ml	1 pc.
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Crown Holder Complete Kit

Products for safe processing of zirconium oxide

761931	Crown Holder Complete Kit	1 pc.
761932	White Gum Material	1 pc.
761941	Black Gum Material	1 pc.



Brenngutträger und Keramikpins

Products for safe processing during the firing process

761934	Honeycomb Stand inkl. 10 Ceramic Pins	1 pc.
761936	Ceramic Pins	10 pcs.
761937	Alumina Pins (ideal for implant work, due to special shape)	4 pcs.



Ceramomix Zirconia Spatula

Ceramic spatula made of zirconia for optimal and contamination-free mixing of ceramic materials.

761933	Ceramomix Zirconia Spatula	1 pcs.
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Ceramil Sintron



Ceramil Sintron



Ceramil Sintron

Ceramil Sintron

CoCr blanks

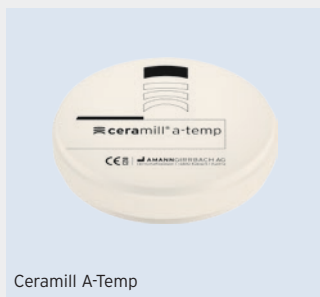
761101R	○ Ceramil Sintron 71 XXS	h=10 mm	1 pc.
761102R	○ Ceramil Sintron 71 XS	h=12 mm	1 pc.
761103R	○ Ceramil Sintron 71 S	h=14 mm	1 pc.
761104R	○ Ceramil Sintron 71	h=16 mm	1 pc.
761105R	○ Ceramil Sintron 71 M	h=18 mm	1 pc.
761106R	○ Ceramil Sintron 71 L	h=20 mm	1 pc.
761107R	○ Ceramil Sintron 71 XL	h=25 mm	1 pc.

761132	○ Ceramil Sintron 98x10 N	h=10 mm	1 pc.
761130	○ Ceramil Sintron 98x12 N	h=12 mm	1 pc.
761128	○ Ceramil Sintron 98x14 N	h=14 mm	1 pc.
761126	○ Ceramil Sintron 98x16 N	h=16 mm	1 pc.
761124	○ Ceramil Sintron 98x18 N	h=18 mm	1 pc.
761122	○ Ceramil Sintron 98x20 N	h=20 mm	1 pc.
761120	○ Ceramil Sintron 98x25 N	h=25 mm	1 pc.

761600	○ Ceramil Sintron ZZ 95x10	h=10 mm	1 pc.
761601	○ Ceramil Sintron ZZ 95x12	h=12 mm	1 pc.
761602	○ Ceramil Sintron ZZ 95x14	h=14 mm	1 pc.
761603	○ Ceramil Sintron ZZ 95x16	h=16 mm	1 pc.
761604	○ Ceramil Sintron ZZ 95x18	h=18 mm	1 pc.
761606	○ Ceramil Sintron ZZ 95x25	h=25 mm	1 pc.



Ceramil A-Temp



Ceramil A-Temp

Ceramil A-Temp

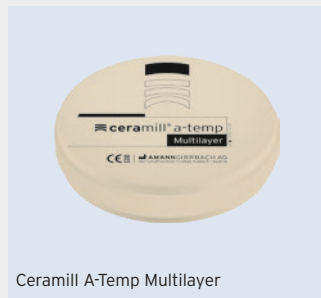
Stained PMMA

761330	○ Ceramil A-Temp A1 71x14	h=14 mm	1 pc.
761331	○ Ceramil A-Temp A1 71x16	h=16 mm	1 pc.
761332	○ Ceramil A-Temp A1 71x20	h=20 mm	1 pc.
761333	○ Ceramil A-Temp A2 71x14	h=14 mm	1 pc.
761334	○ Ceramil A-Temp A2 71x16	h=16 mm	1 pc.
761335	○ Ceramil A-Temp A2 71x20	h=20 mm	1 pc.
761336	○ Ceramil A-Temp A3 71x14	h=14 mm	1 pc.
761337	○ Ceramil A-Temp A3 71x16	h=16 mm	1 pc.
761338	○ Ceramil A-Temp A3 71x20	h=20 mm	1 pc.
761339	○ Ceramil A-Temp A3.5 71x14	h=14 mm	1 pc.
761340	○ Ceramil A-Temp A3.5 71x16	h=16 mm	1 pc.
761341	○ Ceramil A-Temp A3.5 71x20	h=20 mm	1 pc.
761342	○ Ceramil A-Temp B2 71x14	h=14 mm	1 pc.
761343	○ Ceramil A-Temp B2 71x16	h=16 mm	1 pc.
761344	○ Ceramil A-Temp B2 71x20	h=20 mm	1 pc.
761345	○ Ceramil A-Temp C2 71x14	h=14 mm	1 pc.
761346	○ Ceramil A-Temp C2 71x16	h=16 mm	1 pc.
761347	○ Ceramil A-Temp C2 71x20	h=20 mm	1 pc.

761350	○ Ceramil A-Temp A1 98x14	h=14 mm	1 pc.
761351	○ Ceramil A-Temp A1 98x16	h=16 mm	1 pc.
761352	○ Ceramil A-Temp A1 98x20	h=20 mm	1 pc.
761353	○ Ceramil A-Temp A2 98x14	h=14 mm	1 pc.
761354	○ Ceramil A-Temp A2 98x16	h=16 mm	1 pc.
761355	○ Ceramil A-Temp A2 98x20	h=20 mm	1 pc.
761356	○ Ceramil A-Temp A3 98x14	h=14 mm	1 pc.
761357	○ Ceramil A-Temp A3 98x16	h=16 mm	1 pc.
761358	○ Ceramil A-Temp A3 98x20	h=20 mm	1 pc.
761359	○ Ceramil A-Temp A3.5 98x14	h=14 mm	1 pc.
761360	○ Ceramil A-Temp A3.5 98x16	h=16 mm	1 pc.
761361	○ Ceramil A-Temp A3.5 98x20	h=20 mm	1 pc.
761362	○ Ceramil A-Temp B2 98x14	h=14 mm	1 pc.
761363	○ Ceramil A-Temp B2 98x16	h=16 mm	1 pc.
761364	○ Ceramil A-Temp B2 98x20	h=20 mm	1 pc.
761365	○ Ceramil A-Temp C2 98x14	h=14 mm	1 pc.
761366	○ Ceramil A-Temp C2 98x16	h=16 mm	1 pc.
761367	○ Ceramil A-Temp C2 98x20	h=20 mm	1 pc.



Ceramil A-Temp Multilayer



Ceramil A-Temp Multilayer

Ceramil A-Temp Multilayer

Stained PMMA with shade gradient

761040	○ Ceramil A-Temp ML O/A1 71x14	h=14 mm	1 pc.
761041	○ Ceramil A-Temp ML O/A1 71x16	h=16 mm	1 pc.
761042	○ Ceramil A-Temp ML O/A1 71x20	h=20 mm	1 pc.
761043	○ Ceramil A-Temp ML A2/A3 71x14	h=14 mm	1 pc.
761044	○ Ceramil A-Temp ML A2/A3 71x16	h=16 mm	1 pc.
761045	○ Ceramil A-Temp ML A2/A3 71x20	h=20 mm	1 pc.
761046	○ Ceramil A-Temp ML B2/B3 71x14	h=14 mm	1 pc.
761047	○ Ceramil A-Temp ML B2/B3 71x16	h=16 mm	1 pc.
761048	○ Ceramil A-Temp ML B2/B3 71x20	h=20 mm	1 pc.
761049	○ Ceramil A-Temp ML C1/C2 71x14	h=14 mm	1 pc.
761050	○ Ceramil A-Temp ML C1/C2 71x16	h=16 mm	1 pc.
761051	○ Ceramil A-Temp ML C1/C2 71x20	h=20 mm	1 pc.

761055	○ Ceramil A-Temp ML O/A1 98x14	h=14 mm	1 pc.
761056	○ Ceramil A-Temp ML O/A1 98x16	h=16 mm	1 pc.
761057	○ Ceramil A-Temp ML O/A1 98x20	h=20 mm	1 pc.
761058	○ Ceramil A-Temp ML A2/A3 98x14	h=14 mm	1 pc.
761059	○ Ceramil A-Temp ML A2/A3 98x16	h=16 mm	1 pc.
761060	○ Ceramil A-Temp ML A2/A3 98x20	h=20 mm	1 pc.
761061	○ Ceramil A-Temp ML B2/B3 98x14	h=14 mm	1 pc.
761062	○ Ceramil A-Temp ML B2/B3 98x16	h=16 mm	1 pc.
761063	○ Ceramil A-Temp ML B2/B3 98x20	h=20 mm	1 pc.
761064	○ Ceramil A-Temp ML C1/C2 98x14	h=14 mm	1 pc.
761065	○ Ceramil A-Temp ML C1/C2 98x16	h=16 mm	1 pc.
761066	○ Ceramil A-Temp ML C1/C2 98x20	h=20 mm	1 pc.



Ceramill A-Temp



Ceramill A-Temp

Ceramill A-Temp

Stained PMMA,

Block form AG Mandrell

761370		Ceramill A-Temp A1	B40 40 x 19 mm	3 pcs.
761371		Ceramill A-Temp A2	B40 40 x 19 mm	3 pcs.
761372		Ceramill A-Temp A3	B40 40 x 19 mm	3 pcs.
761373		Ceramill A-Temp A3.5	B40 40 x 19 mm	3 pcs.
761374		Ceramill A-Temp B2	B40 40 x 19 mm	3 pcs.
761375		Ceramill A-Temp C2	B40 40 x 19 mm	3 pcs.
761378		Ceramill A-Temp A1	B55 40 x 19 mm	3 pcs.
761379		Ceramill A-Temp A2	B55 40 x 19 mm	3 pcs.
761380		Ceramill A-Temp A3	B55 40 x 19 mm	3 pcs.
761381		Ceramill A-Temp A3.5	B55 40 x 19 mm	3 pcs.
761382		Ceramill A-Temp B2	B55 40 x 19 mm	3 pcs.
761383		Ceramill A-Temp C2	B55 40 x 19 mm	3 pcs.

Block form universal mandrel for third-party systems

761248		Ceramill A-Temp A1	B40 UN 40 x 19 mm	3 pcs.
761249		Ceramill A-Temp A2	B40 UN 40 x 19 mm	3 pcs.
761250		Ceramill A-Temp A3	B40 UN 40 x 19 mm	3 pcs.
761251		Ceramill A-Temp A3.5	B40 UN 40 x 19 mm	3 pcs.
761252		Ceramill A-Temp B2	B40 UN 40 x 19 mm	3 pcs.
761253		Ceramill A-Temp C2	B40 UN 40 x 19 mm	3 pcs.
761259		Ceramill A-Temp A1	B55 UN 55 x 19 mm	3 pcs.
761260		Ceramill A-Temp A2	B55 UN 55 x 19 mm	3 pcs.
761261		Ceramill A-Temp A3	B55 UN 55 x 19 mm	3 pcs.
761262		Ceramill A-Temp A3.5	B55 UN 55 x 19 mm	3 pcs.
761263		Ceramill A-Temp B2	B55 UN 55 x 19 mm	3 pcs.
761264		Ceramill A-Temp C2	B55 UN 55 x 19 mm	3 pcs.



Ceramill Temp



Ceramill Temp

Ceramill Temp

Stained PMMA

760334		Ceramill Temp bleach 71 XS	h=13mm	1 pc.
760320		Ceramill Temp light 71 XS	h=13mm	1 pc.
760321		Ceramill Temp middle 71 XS	h=13mm	1 pc.
760322		Ceramill Temp dark 71 XS	h=13mm	1 pc.
760335		Ceramill Temp bleach 71 L	h=20mm	1 pc.
760323		Ceramill Temp light 71 L	h=20mm	1 pc.
760324		Ceramill Temp middle 71 L	h=20mm	1 pc.
760325		Ceramill Temp dark 71 L	h=20mm	1 pc.

760544		Ceramill Temp bleach 98x14 N	h=14mm	1 pc.
760538		Ceramill Temp light 98x14 N	h=14mm	1 pc.
760539		Ceramill Temp middle 98x14 N	h=14mm	1 pc.
760540		Ceramill Temp dark 98x14 N	h=14mm	1 pc.
760545		Ceramill Temp bleach 98x20 N	h=20mm	1 pc.
760541		Ceramill Temp light 98x20 N	h=20mm	1 pc.
760542		Ceramill Temp middle 98x20 N	h=20mm	1 pc.
760543		Ceramill Temp dark 98x20 N	h=20mm	1 pc.



Ceramill A-Splint



Ceramill A-Splint

Ceramill A-Splint

Splint acrylic, PMMA

761080		Ceramill A-Splint 71x14	h=14mm	1 pc.
761081		Ceramill A-Splint 71x16	h=16mm	1 pc.
761082		Ceramill A-Splint 71x20	h=20mm	1 pc.

761084		Ceramill A-Splint 98x14	h=14mm	1 pc.
761085		Ceramill A-Splint 98x16	h=16mm	1 pc.
761086		Ceramill A-Splint 98x20	h=20mm	1 pc.



Ceramil Splintec



Ceramil Splintec

Ceramil Splintec

Splint acrylic, PMMA

760317	○ Ceramil Splintec 71 XS	h=13mm	1 pc.
760318	○ Ceramil Splintec 71 L	h=20mm	1 pc.
760530	○ Ceramil Splintec 98x14 N	h=14mm	1 pc.
760531	○ Ceramil Splintec 98x20 N	h=20mm	1 pc.



Ceramil PEEK Natural



Ceramil PEEK Natural

Ceramil PEEK

Polyetheretherketone

760405	○ Ceramil PEEK Natural 71x13	h=13mm	1 pc.
760406	○ Ceramil PEEK Natural 71x20	h=20mm	1 pc.
760393	○ Ceramil PEEK White 71x13	h=13mm	1 pc.
760394	○ Ceramil PEEK White 71x20	h=20mm	1 pc.
760409	○ Ceramil PEEK Natural 98x12	h=12mm	1 pc.
760410	○ Ceramil PEEK Natural 98x20	h=20mm	1 pc.
760403	○ Ceramil PEEK White 98x12	h=12mm	1 pc.
760404	○ Ceramil PEEK White 98x20	h=20mm	1 pc.



Ceramil PEEK White



Ceramil PEEK White



Ceramil A-Cast



Ceramil A-Cast

Ceramil A-Cast

Splint acrylic, PMMA

761070	○ Ceramil A-Cast 71x14	h=14mm	1 pc.
761071	○ Ceramil A-Cast 71x20	h=20mm	1 pc.
761075	○ Ceramil A-Cast 98x14	h=14mm	1 pc.
761076	○ Ceramil A-Cast 98x20	h=20mm	1 pc.



Ceramil Wax grey



Ceramil Wax grey

Ceramil Wax

Wax blank

760307	○ Ceramil Wax grey 71 XS	h=13mm	1 pc.
760302	○ Ceramil Wax grey 71 L	h=20mm	1 pc.
760315	○ Ceramil Wax white 71 XS	h=13 mm	1 pc.
760313	○ Ceramil Wax white 71 L	h=20 mm	1 pc.
760524	○ Ceramil Wax grey 98x14 N	h=14mm	1 pc.
760525	○ Ceramil Wax grey 98x20 N	h=20mm	1 pc.
760527	○ Ceramil Wax white 98x14 N	h=14mm	1 pc.
760528	○ Ceramil Wax white 98x20 N	h=20mm	1 pc.



Ceramil Wax white



Ceramil Wax white



Ceramill D-Wax

Ceramill D-Wax

Wax blank full-denture prosthetics

760570	🔲 Ceramill D-Wax	h=30mm	1 pc.
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Ceramill M-Plast



Ceramill M-Plast

Ceramill M-Plast

Model resin

760519	🔲 Ceramill M-Plast 71	h=30mm	1 pc.
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760516	🔲 Ceramill M-Plast 98x30 N	h=30mm	1 pc.
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Ceramill Test

Ceramill Test

Test blank

760301	🔲 Ceramill Test	h=20mm	1 pc.
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VITA ENAMIC®

VITA ENAMIC® for Ceramill

761201	🔲 VITA ENAMIC®, EM-14, 0M1-T	12x14x18mm	5 pcs.
761202	🔲 VITA ENAMIC®, EM-14, 1M1-T	12x14x18mm	5 pcs.
761203	🔲 VITA ENAMIC®, EM-14, 1M2-T	12x14x18mm	5 pcs.
761204	🔲 VITA ENAMIC®, EM-14, 2M2-T	12x14x18mm	5 pcs.
761205	🔲 VITA ENAMIC®, EM-14, 3M2-T	12x14x18mm	5 pcs.
761211	🔲 VITA ENAMIC®, EM-14, 0M1-HT	12x14x18mm	5 pcs.
761212	🔲 VITA ENAMIC®, EM-14, 1M1-HT	12x14x18mm	5 pcs.
761213	🔲 VITA ENAMIC®, EM-14, 1M2-HT	12x14x18mm	5 pcs.
761214	🔲 VITA ENAMIC®, EM-14, 2M2-HT	12x14x18mm	5 pcs.
761215	🔲 VITA ENAMIC®, EM-14, 3M2-HT	12x14x18mm	5 pcs.



VITA ENAMIC® multiColor

VITA ENAMIC® multiColor for Ceramill

761321	🔲 VITA ENAMIC® multiColor, EMC-14, 1M1-HT	12x14x18	5 pcs.
761322	🔲 VITA ENAMIC® multiColor, EMC-14, 1M2-HT	12x14x18	5 pcs.
761323	🔲 VITA ENAMIC® multiColor, EMC-14, 2M2-HT	12x14x18	5 pcs.
761324	🔲 VITA ENAMIC® multiColor, EMC-14, 3M2-HT	12x14x18	5 pcs.
761325	🔲 VITA ENAMIC® multiColor, EMC-14, 4M2-HT	12x14x18	5 pcs.



VITABLOCS® Mark II

VITABLOCS® Mark II for Ceramill

760051	☐ VITABLOCS® Mark II, I12, A1C	10x12x15 mm	5 pcs.
760052	☐ VITABLOCS® Mark II, I12, A2C	10x12x15 mm	5 pcs.
760053	☐ VITABLOCS® Mark II, I12, A3C	10x12x15 mm	5 pcs.
760054	☐ VITABLOCS® Mark II, I12, 1M2C	10x12x15 mm	5 pcs.
760055	☐ VITABLOCS® Mark II, I12, 2M1C	10x12x15 mm	5 pcs.
760056	☐ VITABLOCS® Mark II, I12, 2M2C	10x12x15 mm	5 pcs.
760057	☐ VITABLOCS® Mark II, I12, 3M2C	10x12x15 mm	5 pcs.
760060	☐ VITABLOCS® Mark II, I14, A1C	12x14x18 mm	5 pcs.
760061	☐ VITABLOCS® Mark II, I14, A2C	12x14x18 mm	5 pcs.
760062	☐ VITABLOCS® Mark II, I14, A3C	12x14x18 mm	5 pcs.
760063	☐ VITABLOCS® Mark II, I14, 1M2C	12x14x18 mm	5 pcs.
760064	☐ VITABLOCS® Mark II, I14, 2M1C	12x14x18 mm	5 pcs.
760065	☐ VITABLOCS® Mark II, I14, 2M2C	12x14x18 mm	5 pcs.
760066	☐ VITABLOCS® Mark II, I14, 3M2C	12x14x18 mm	5 pcs.



VITABLOCS® TriLux forte

VITABLOCS® TriLux forte for Ceramill

760070	☐ VITABLOCS® TriLux forte, TF12, A1C	10x12x15 mm	5 pcs.
760071	☐ VITABLOCS® TriLux forte, TF12, A2C	10x12x15 mm	5 pcs.
760072	☐ VITABLOCS® TriLux forte, TF12, A3C	10x12x15 mm	5 pcs.
760080	☐ VITABLOCS® TriLux forte, TF14, A1C	12x14x18 mm	5 pcs.
760081	☐ VITABLOCS® TriLux forte, TF14, A2C	12x14x18 mm	5 pcs.
760082	☐ VITABLOCS® TriLux forte, TF14, A3C	12x14x18 mm	5 pcs.



VITA SUPRINITY® PC

VITA SUPRINITY® PC for Ceramill

761001	VITA SUPRINITY® PC, PC-14, OM1-T	12x14x18 mm	5 pcs.
761002	VITA SUPRINITY® PC, PC-14, A1-T	12x14x18 mm	5 pcs.
761003	VITA SUPRINITY® PC, PC-14, A2-T	12x14x18 mm	5 pcs.
761004	VITA SUPRINITY® PC, PC-14, A3-T	12x14x18 mm	5 pcs.
761005	VITA SUPRINITY® PC, PC-14, A3.5-T	12x14x18 mm	5 pcs.
761006	VITA SUPRINITY® PC, PC-14, B2-T	12x14x18 mm	5 pcs.
761007	VITA SUPRINITY® PC, PC-14, C2-T	12x14x18 mm	5 pcs.
761008	VITA SUPRINITY® PC, PC-14, D2-T	12x14x18 mm	5 pcs.
761021	VITA SUPRINITY® PC, PC-14, OM1-HT	12x14x18 mm	5 pcs.
761022	VITA SUPRINITY® PC, PC-14, A1-HT	12x14x18 mm	5 pcs.
761023	VITA SUPRINITY® PC, PC-14, A2-HT	12x14x18 mm	5 pcs.
761024	VITA SUPRINITY® PC, PC-14, A3-HT	12x14x18 mm	5 pcs.
761025	VITA SUPRINITY® PC, PC-14, A3.5-HT	12x14x18 mm	5 pcs.
761026	VITA SUPRINITY® PC, PC-14, B2-HT	12x14x18 mm	5 pcs.
761027	VITA SUPRINITY® PC, PC-14, C2-HT	12x14x18 mm	5 pcs.
761028	VITA SUPRINITY® PC, PC-14, D2-HT	12x14x18 mm	5 pcs.



Ceramill Units Starter Kit

760029 Ceramill Units Starter Kit		
760301	Ceramill Test	2 pcs.
761738	Zolid FX ML A2/A3 71 (16mm)	1 pc.
761750	Zolid FX ML B2/B3 71 (16mm)	1 pc.
766047	Zolid HT+ PS A2 71 (16mm)	1 pc.
760315	Ceramill Wax white 71 XS (13mm)	1 pc.
760307	Ceramill Wax grey 71 XS (13mm)	1 pc.
761070	Ceramill A-Cast 71 (14mm)	1 pc.
760605	Roto 2.5	2 pcs.
760604	Roto 1.0	2 pcs.
760606	Roto 0.6	2 pcs.
760607	Roto 0.3	2 pcs.



Technical Data

Dimensions (DxWxH): 468 x 461 x 480 mm
 Weight: 30 kg
 Eletrical connections: V/Hz 220-240/50-60
 Power: 3.5 kW
 Fuse (fast): 15 A
 Degree protection - IP20
 Thermal protection class according to DIN EN 60519-2: Class 0
 Ambient conditions:
 Temperature: +5 - +40°C
 Humidity: 80 %



Ceramill Therm 3

Sintering furnace

178380	Ceramill Therm 3	
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Delivery volume: Ceramill Therm 3 sintering furnace, sintering bowl, Therm 3 tongs, Sintering pearls 200g, Ø 1mm

Accessories Therm 3

178311	Sintering pearls 200g, Ø 1mm, for ZI and Zolid	
178381	❶ Tongs for Therm 3 sintering bowl	
178382	❷ Therm 3 stackable sintering bowl	
178383	Therm 3 Zolid stackable sintering bowl	

Accessories Therm

178360	Stackable sintering bowl	1 pc.
178370	Zolid Stackable sintering bowl	1 pc.
178360 and 178370: stackable only in Ceramill Therm (178350)		
178361	Tongs for Therm sintering bowl	



Technical Data

Dimensions (DxWxH) incl. service unit: 468 x 461 x 480 mm
 Weight: 30 kg
 Eletrical connections: V/Hz 220-240/50-60
 Power: 3.5 kW
 Fuse (fast): 15 A
 Degree protection - IP20
 Thermal protection class according to DIN EN 60519-2: Class 0
 Ambient conditions:
 Temperature: +5 - +40°C
 Humidity: 80 %

eramil Argotherm 2

Sintering furnace for Ceramill Sintron

178740	Ceramill Argotherm 2 (incl. Ceramill Argovent 2)	
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Delivery volume: Sinter furnace Ceramill Argotherm 2, sinter chamber Ceramill Argovent 2

178745	Ceramill Argovent 2 (incl. in Ceramill Argotherm 2 delivery)	
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Delivery volume: sinter base, sintering tray, sinter hood, shielding gas retort, sinter beads, Argovent 2 tongs

178748	Ceramill Argovent 2 sintering tray	
178749	Ceramill Argovent 2 sinter hood	
178754	Ceramill Argovent 2 tongs	
178755	Sinter beads Argovent 2 150g	
178756	Floatsinterdisk 2	



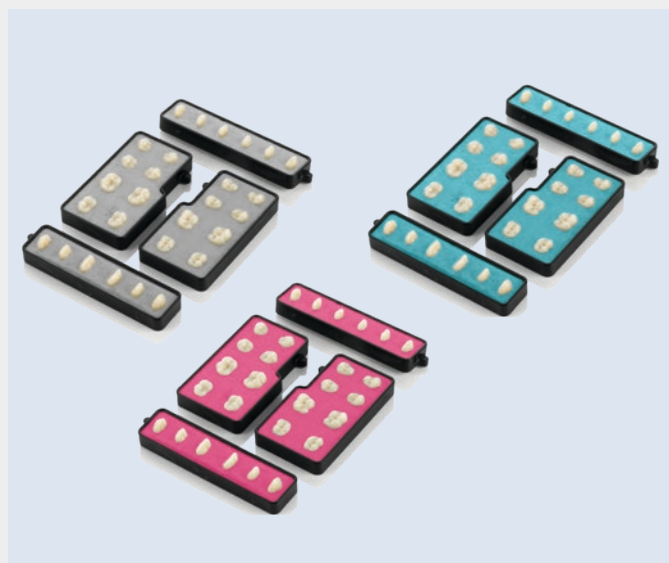
Ceramill M-Build Starter Kit

760024	Ceramill M-Build Starter Kit	
760519	Ceramill M-Plast 71 (30mm)	4 pcs.
760633	Roto 3.0 Red	1 pc.
760604	Roto 1.0	1 pc.
760607	Roto 0.3	1 pc.
760640	Roto KF2.5 Red	1 pc.
760641	Roto B2.0 Red	1 pc.
5767501	Giroform secondary plates with magnet	5 pcs.
576767	Base plates MM, 10-pack	1 pc.
576449	Pins MM, 100-pack	1 pc.
216013	Centring unit MM 40 mm	1 pc.
	Centring unit MM 50 mm	1 pc.



Ceramik FDS Starter Kit for Ceramik Motion 2 5X

760018 Ceramik FDS Starter Kit for Ceramik Motion 2 5X		
760570	Ceramik D-Wax 30mm	2 pcs.
760301	Ceramik Test	1 pc.
179282	Blank holder M2 5X XL	1 pc.
179283	Blank holder M2 5X D-Set	1 pc.
179285	Storage bar blank holder	1 pc.
760630	Roto SF1.2 Green	1 pc.
760631	Roto 1.0 Red	1 pc.
760633	Roto 3.0 Red	1 pc.
760609	Roto DMB DC 1.0	1 pc.
760608	Roto DMB DC 2.5	1 pc.
179977	Spindle cap 3.0 5X grinding	1 pc.



Ceramik D-Set patented denture tooth blanks

Kulzer - Pala Mix&Match DS¹

Pala Premium 6 DS, A1, A2, A3, A3.5, B1
Pala Mondial 6 and 8 DS, A1, A2, A3, A3.5, B1
Pala Idealis 8 DS, A1, A2, A3, A3.5, B1

VITA - VITA VIONIC® FRAME¹

VITApan Excell DD Frame A1, A2, A3, A3.5, B3, D3
VITApan Lingoform DD Frame A1, A2, A3, A3.5, B3, D3

Merz Dental¹

Polystar® Selection Edition anteriors A1, A2 light, A3 light, B1, B2
All other classic V-shades and BL1-BL4 available upon request.

DeltaForm® posteriors A1, A2, A3, B1, B2
All other classic V-shades and BL1-BL4 available upon request.

1) to be ordered directly from the manufacturer



Starter Kit Hardware for Ceramill FDS / VITA VIONIC

760020 Starter Kit Hardware for Ceramill FDS / VITA VIONIC		
179283	Blank holder M2 5X D-Set	1 pc.
760631	Roto 1.0 Red	1 pc.
760633	Roto 3.0 Red	1 pc.
760609	Roto DMB DC 1.0	1 pc.
760608	Roto DMB DC 2.5	1 pc.
760642	Roto 2.5 pink	1 pc.
760643	Roto 1.5 pink	1 pc.
760630	Roto SF1.2 Green	1 pc.
760301	Ceramill Test (20 mm)	1 pc.
179977	Spindle cap M2 3.0	1 pc.
179285	Storage bar blank holder	1 pc.



Labor Starter Kit Hardware BDS for Ceramill

760046 Labor Starter Kit Hardware BDS for Ceramill		
179139	Impression Tray Holder Map400	1 pc.
179134	BD Key Scan Holder	1 pc.
179328	Blank holder M2 Baltic Denture	1 pc.
760642	Roto 2.5 pink	1 pc.
760643	Roto 1.5 pink	1 pc.
760630	Ceramill Roto SF1.2 Green	1 pc.
760301	Ceramill Test (20 mm)	1 pc.
179285	Storage bar blank holder	1 pc.



NextDent Cast

3D print material for casting / pressing technique

NPAGCAPU01000	NextDent Cast / Purple	1,000g
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NextDent Ortho Rigid

3D print material for bite splints

NPAGORBL01000	NextDent Ortho Rigid	1,000g
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NextDent C&B MFH

3D print material for temporary crowns and bridges

NPAGCMT101000	NextDent C&B MFH / T1	1,000g
NPAGCMN101000	NextDent C&B MFH / N1	1,000g
NPAGCMN1.501000	NextDent C&B MFH / N1.5	1,000g
NPAGCMN201000	NextDent C&B MFH / N2	1,000g
NPAGCMN2.501000	NextDent C&B MFH / N2.5	1,000g
NPAGCMN301000	NextDent C&B MFH / N3	1,000g
NPAGCMBL01000	NextDent C&B MFH / BL	1,000g



NextDent Ortho SG

3D print material for drilling templates

NPAGSGOR01000	NextDent SG / Orange	1,000g
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NextDent Gingiva Mask

3D print material for gingival masks

NPAGGMPI01000	NextDent Gingiva Mask	1,000g
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NextDent Tray

3D print material for individual trays

NPAGTRBL01000	NextDent Tray / Blue	1,000g
NPAGTRPI01000	NextDent Tray / Pink	1,000g



NextDent Model 2.0

3D print material for models

NPAGM2PE01000	NextDent Model 2.0 / Peach	1,000g
NPAGM2WH01000	NextDent Model 2.0 / White	1,000g
NPAGM2GR01000	NextDent Model 2.0 / Grey	1,000g
NPAGM2OK01000	NextDent Model 2.0 / Oker	1,000g



NextDent Try-In

3D print material for try-ins

NPAGTITI001000	NextDent Try-In / T10	1,000g
NPAGTITI101000	NextDent Try-In / T11	1,000g
NPAGTITI201000	NextDent Try-In / T12	1,000g



NextDent Ortho IBT

3D print material for orthodontic transfer splints

NPAGOICL01000	NextDent Ortho IBT	1,000g
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NextDent Denture 3D+

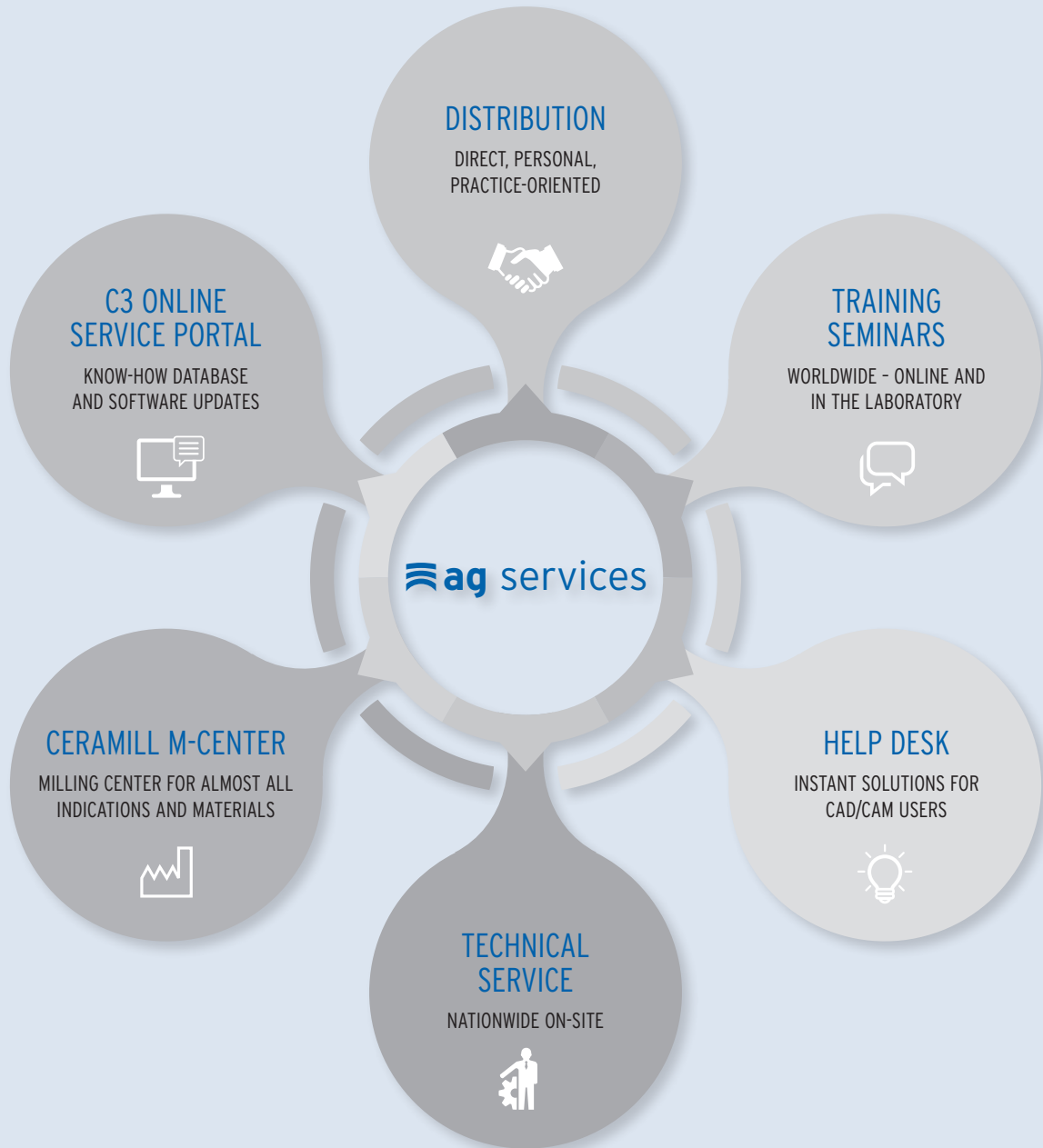
3D print material for prosthetic bases

NPAGD3DP01000	NextDent Denture 3D+ / Dark Pink	1000g
NPAGD3LP01000	NextDent Denture 3D+ / Light Pink	1000g
NPAGD3OP01000	NextDent Denture 3D+ / Opaque Pink	1000g
NPAGD3TP01000	NextDent Denture 3D+ / Translucent Pink	1000g
NPAGD3RD01000	NextDent Denture 3D+ / Red Pink	1000g



SERVICES

PREMIUM SERVICE - BEFORE, DURING AND AFTER SALES



THE SHOW MUST GO ON



Virtual exhibition

All novelties along the entire process chain, from the articulator, to CAD/CAM with the new Ceramill Matik, to the material portfolio.

DDS
Digital Dental Show

Presentations - digital & live

Breaking news about developments in dental technology - international specialists and trainers from Amann Girrbach demonstrate and give live presentations.



#DigitalDentalShow

Dates | Registration | Exhibition stand

digitaldentalshow.amanngirrbach.com

WE ARE CLOSE TO YOU.



Headquarters

Production

Distribution

Training center

Helpdesk



Exhibitions & Events



01

Amann Girrbaach AG

Austria, Koblach | Headquarters

- > Research & Development
- > Production
- > Marketing & Distribution International
- > International Training Center

02



Austria, Rankweil | Dentistry One

- > Mechanical engineering
- > Sintron and zirconia production
- > Technical Service

03



Germany, Pforzheim

- > Warehousing | logistics
- > Technical service
- > Training Center for AT & DE
- > Helpdesk worldwide

04



Lebanon, Beirut

- > Training Center Middle East
- > Helpdesk Middle East

05



Singapur (since 2011)

- > Sales office
- > Training Center Asia
- > Helpdesk Asia

06



China, Peking (since 2013)

- > Sales office
- > Warehousing
- > Training Center
- > Helpdesk

02





07 **Japan, Tokyo**

> Sales office

07 **USA, Charlotte, NC (since 2007)**

> Service Department
> Training Center North America
> Helpdesk America

08 **Brazil, Curitiba (since 2013)**

> Sales office
> Warehousing
> Training Center

Exhibitions & Events

09 **USA, Chicago, IL**

> Midwinter Meeting
> LMT Lab Day Chicago

10 **Brazil, São Paulo**

> CIOSP Congresso Internacional de
Odontologia de São Paulo

11 **Germany, Cologne**

> IDS - International Dental Show

12 **China, Shanghai**

> DenTech - Exhibition

All exhibitions and congresses
with current information:



AG TRAINING CENTERS - WORLDWIDE

Professional learning in a pleasant atmosphere – this is provided by the worldwide training centres of Amann Girrbach. You can get to know the world of our products and their application in all Amann Girrbach locations and with selected dealers and universities.



Götzis | Austria



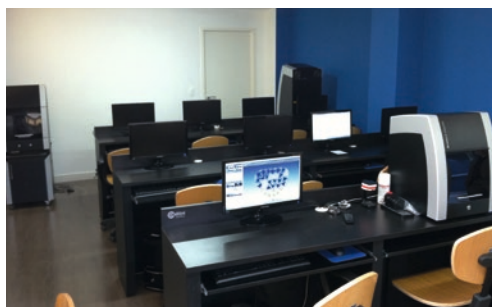
Pforzheim | Germany



Charlotte, NC | USA



Singapore | Singapore



Curitiba | Brazil



Łódź | Polen



Beirut | Lebanon



Beijing | China

SYSTEMATIC TRAINING

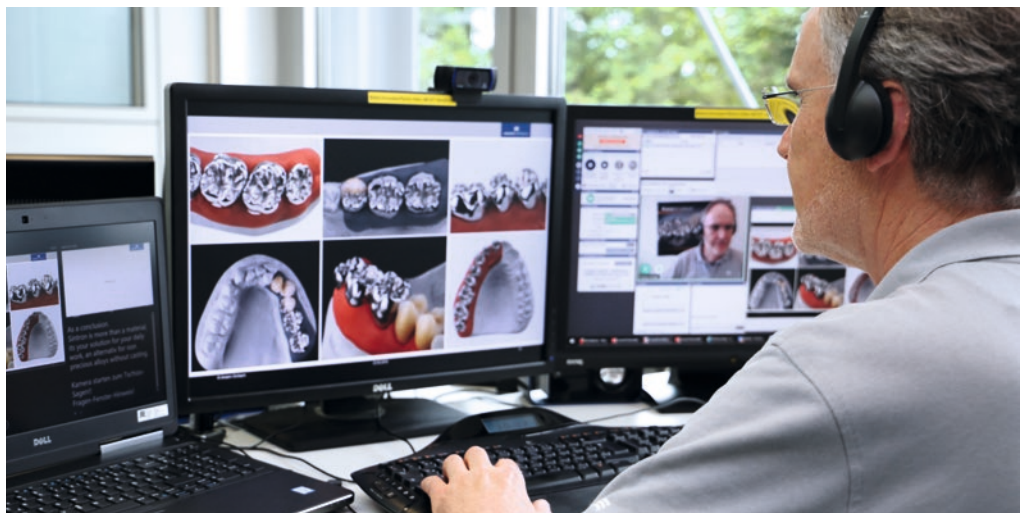
Training in the accustomed Amann Girrbach quality, selected speakers, a wide range of nationwide courses and special in-depth courses. Through a modular training concept that includes both classic face-to-face courses and digital elements, your knowledge will be expanded step by step.

We are also prepared for individual requests. Contact us for an individual (online) training with one of our speakers.

Regardless of whether you are a beginner or an “old hand”, the Amann Girrbach training program offers a wide range and the right course opportunity for every situation:

- _Course at the training center
- _Online training
- _Course in the laboratory /
in the practice
- _Further training at events

We would be pleased to advise you on the right choice of your course. You can also book directly online and see immediately whether the desired course still has places available.



CONTACT

+49 7231 957-224

trainings@amanngirrbach.com

[www.amanngirrbach.com/en/
services/training/dates](http://www.amanngirrbach.com/en/services/training/dates)

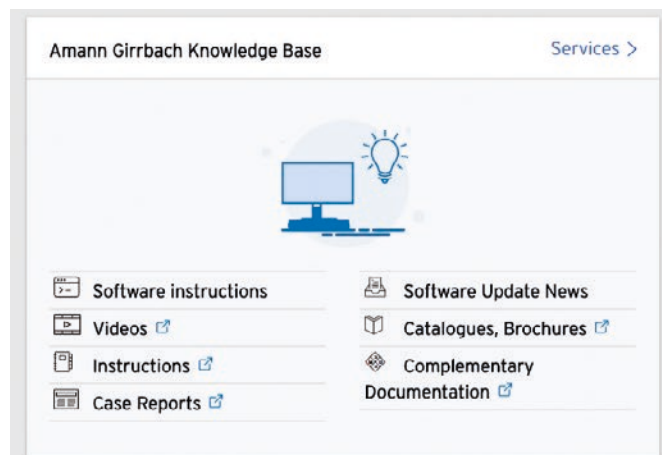
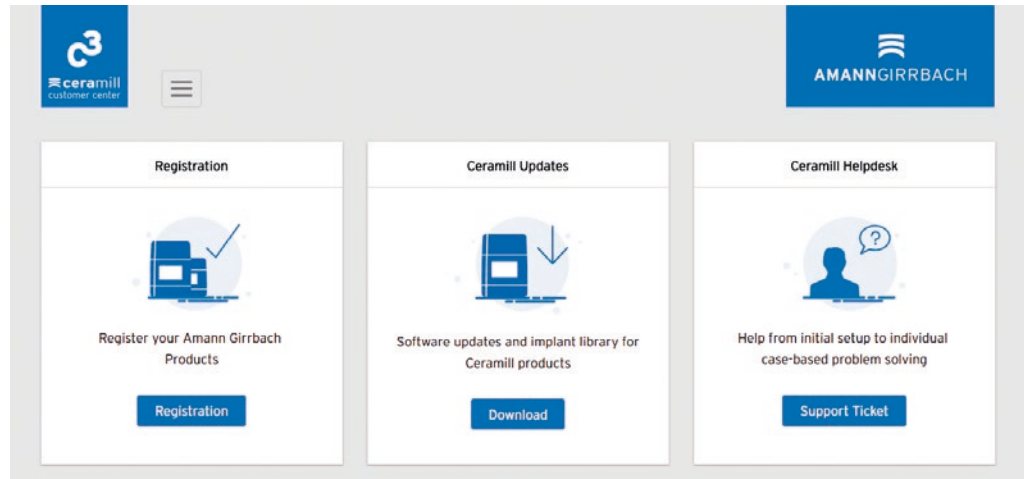
C3 - CERAMILL CUSTOMER CENTER YOUR SERVICE PORTAL ALL ABOUT THE CERAMILL SYSTEM

The Ceramill Customer Center is an online service portal and facilitates permanent smooth operation of our products and systems in a straightforward, self-explanatory and clearly structured manner.

With your login, you have access to all relevant information, current software updates and comprehensive service functions of your Amann Girrbach products.

C3 is developed in a technically completely new software environment. In future, this environment will offer new value-added functions for registration, activation, updates and support for daily laboratory routine.

In the C3 Service Portal you will also find a valuable know-how pool that is available to you around the clock and which is always up-to-date. Print or video instructions for software and hardware are available here as are technical articles and studies.



_ Amann Girrbach product registration/activation

_ Software updates

_ Quick and easy access to the support form and thus competent help from the support center (Ceramill Helpdesk)

_ Know-how database - from videos to manuals

_ M-Center order processing (Milling Center) and overview of all M-Center orders

CERAMILL HELPDESK. TARGETED AND SUCCESSFUL HELP FOR CAD/CAM USERS

The Ceramill Helpdesk provides information and help from installation to case-related problem solutions. A highly qualified international team of dental technicians are at the ready with a high degree of expert knowledge and competence in solving problems.

By phone or desktop sharing, we are directly in your laboratory and thus offer a high instant solution rate that makes you productive quickly.

Ceramill customers receive full support via the Ceramill Customer Center.



- _Contact via telephone or C3 Service Portal - with return call directly from the specialist**
- _Practical assistance when ordering**
- _Case-related problem solving**
- _Answering questions via e-mail and telephone**
- _Online support through desktop sharing - we show you the next steps live on your screen**

THE PRODUCTION CENTER FOR ALMOST ALL INDICATIONS AND MATERIALS: VERSATILE, PRECISE AND FAST

The prosthetic work still bears the handwriting of the dental technician – only the construction that is approved by him/her is also produced in the M-Center.

This is achieved by means of a perfectly coordinated system as well as by experienced and specialized dental technicians, including dental quality control, which is conducted during the production process.

The access data to the Ceramill M-Center are available from the Amann Girrbach customer portal – Ceramill Customer Center (C3). Simply register in the C3 under the section “Customer Account” and request the M- Center access data. Uploading of the constructions to the Ceramill M- Center is then performed via the CAD software Ceramill Mind or the Ceramill Upload Tool (can be downloaded in the C3 portal).



- _ **A broad range of materials covers almost the entire spectrum of framework fabrication**
- _ **A variety of indications (including crowns, bridges , abutments, telescopes, inlays/onlays, veneers, press-on technique, multi-pontic screw-retained constructions, bars, therapeutic splints, models)**
- _ **Fast throughput times for good planning reliability**
- _ **Lucrative discount scale system (discounts already starting from 11 units per month)**
- _ **Customer portal C3: automated order management, delivery time and price overview, fast handling of complaints**
- _ **Process reliability through optimally coordinated system (materials, software, hardware)**
- _ **Trained dental technicians with many years of experience in CAD/CAM**
- _ **Excellent service (support with framework design, setting of suitable design parameters, quick assistance in case of uncertainties)**

TECHNICAL SERVICE. YOUR POINT OF INFORMATION AND ACCEPTANCE FOR REPAIR AND SERVICE ISSUES

Our in-house service comes into play for small devices or in "tricky cases". They are also all ears for service inquiries about Amann Girrbach devices and systems.

Rental devices are available on request during the repair period in order to keep up the production process at all times.

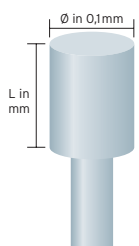
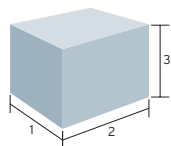
During the repair period of Ceramill milling units you will receive discounted conditions at the Ceramill M-Center.



GENERAL INFORMATION

IN THIS CATALOGUE, THE PRODUCT INFORMATION IS RESTRICTED TO SOME ELEMENTARY FEATURES AND APPLICATIONS.

You will find more information in the according system brochures and/or leaflets.



Technical data

In general, all dimensions are indicated in millimeters (mm) lined up in depth/length x width x height:

1. depth
2. width
3. height

If this is not the case, the differing indications are clearly defined (e.g. diameter = Ø, drilling, thickness, etc.)

Delivery volume

Introductory kits of systems or basic equipment for units are presented, on one hand, as complete set and, on the other hand, as single articles with different article numbers for repeat orders.

Replacement parts

... will be mentioned only in cases where there is high customer demand. All replacement parts are listed with article number in the unit's manual.

Changes, in the sense of better function, performance, service life and technical improvements are subject to alterations.

Terms and Condition

Please find our Terms and Conditions at

www.amanngirrbach.com



AMANNGIRRBACH

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