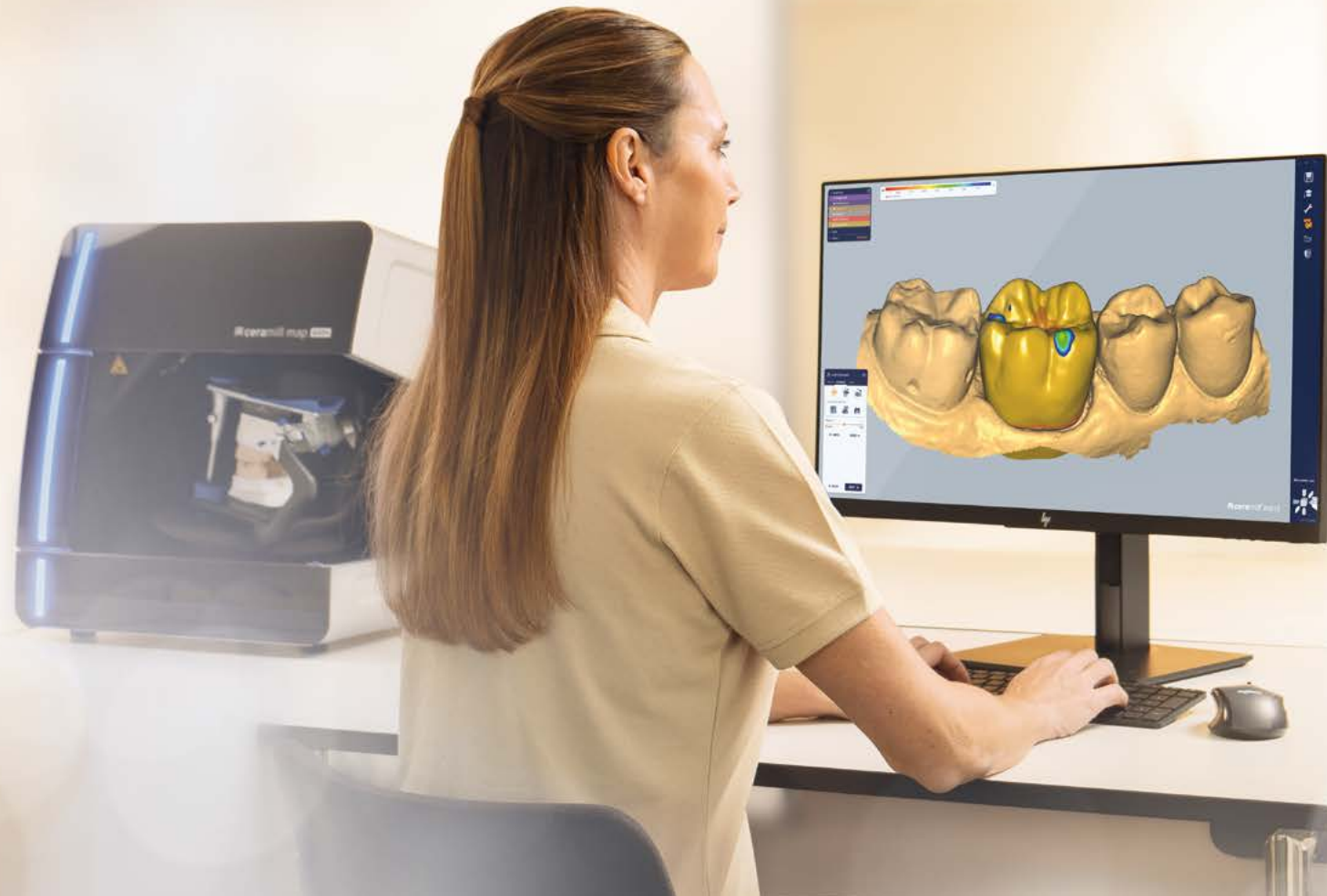


Ceramill: Open. Digital. Fully Integrated.

# The Digital Dental Workflow System.





AMANNGIRSBACH

Providing Seamless Digital Workflows  
to Dental Professionals.

No More Guessing.

# Validated and Streamlined Workflow Process.



## Scan

Secure transfer of patient data



## Scan to design interface

1200+ R&D hours/year to ensure ongoing hassle-free operation labside



## Design

User-friendly wizard guided workflows for all indications



## CAD to CAM Nesting interface

1800+ R&D hours/year to ensure ongoing hassle-free operation labside



## Milling HD / UHD

3500+ R&D hours/year for tooling & milling strategies to ensure perfect results with all materials/indications labside

### Digital & Connective

We think holistically and connect the dental practice and the laboratory with our product solutions. Here, we exploit digitization to simplify workflows.

### Practice-oriented

Our products are created from practical experience for practical use – we love the craftsmanship of our target group and create practical solutions.

### Quality-driven

Our products meet the highest standards in terms of workmanship, precision, function and esthetics and consider these components from an interactive perspective.

### Future-proof & Sustainable

Today, our products already think ahead for tomorrow, grow with their requirements and attach importance to the sustainable use of resources.

### Open & Integrated

Our products offer validated processes for maximum safety, yet are open enough to adapt to your needs.

### Service-driven

We do not consider products as stand-alone, but always in connection with a variety of service offers.

The Digital Dental Workflow Ceramill System

# Open. Digital. Fully Integrated.



## The advantages at a glance

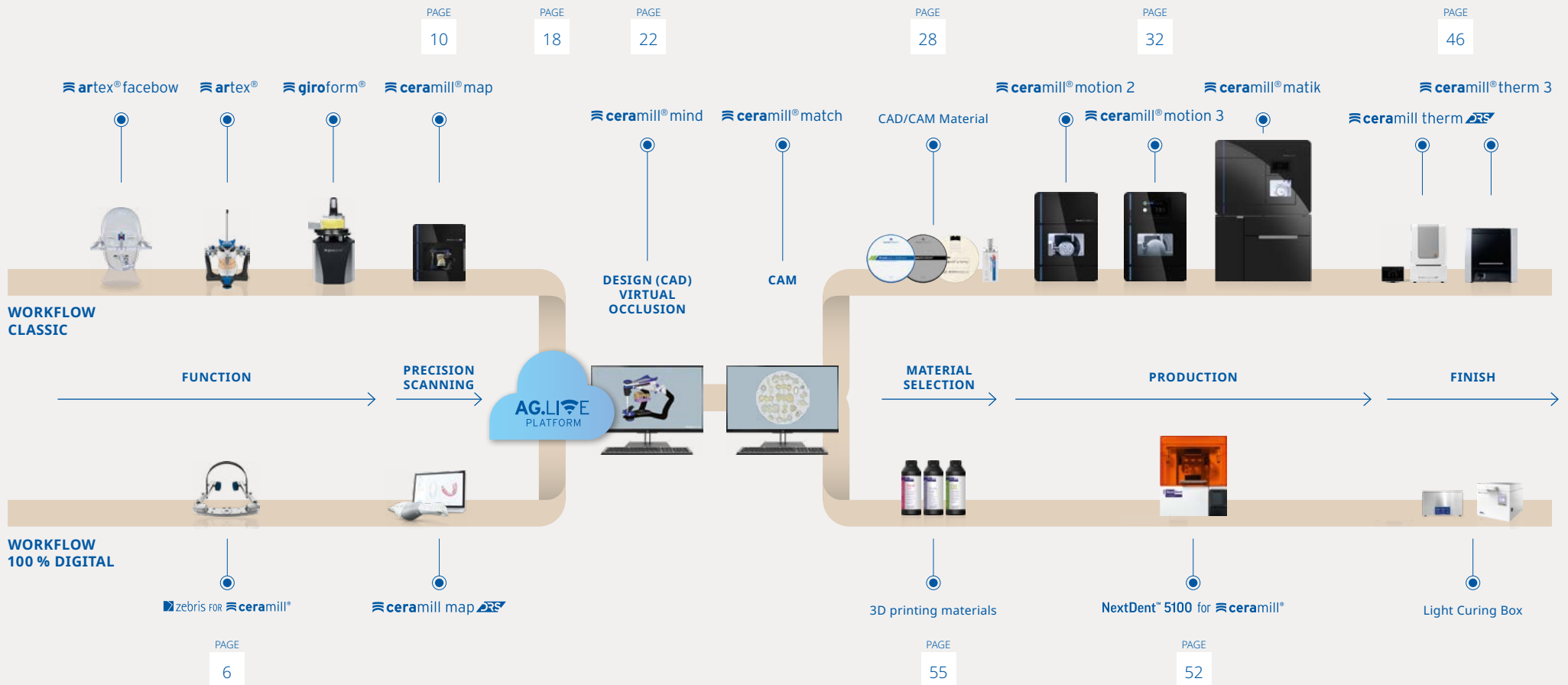
- ✓ The digital workflow as the center of the prosthetic process
- ✓ Functioning restorations of the highest quality and esthetics
- ✓ Consistency & Reliability
- ✓ Easy-to-learn & Easy-to-use
- ✓ Open system for all scan and design files for maximum flexibility in interdisciplinary, digital collaboration
- ✓ Comprehensive service, support and training offers from start to finish for lasting success



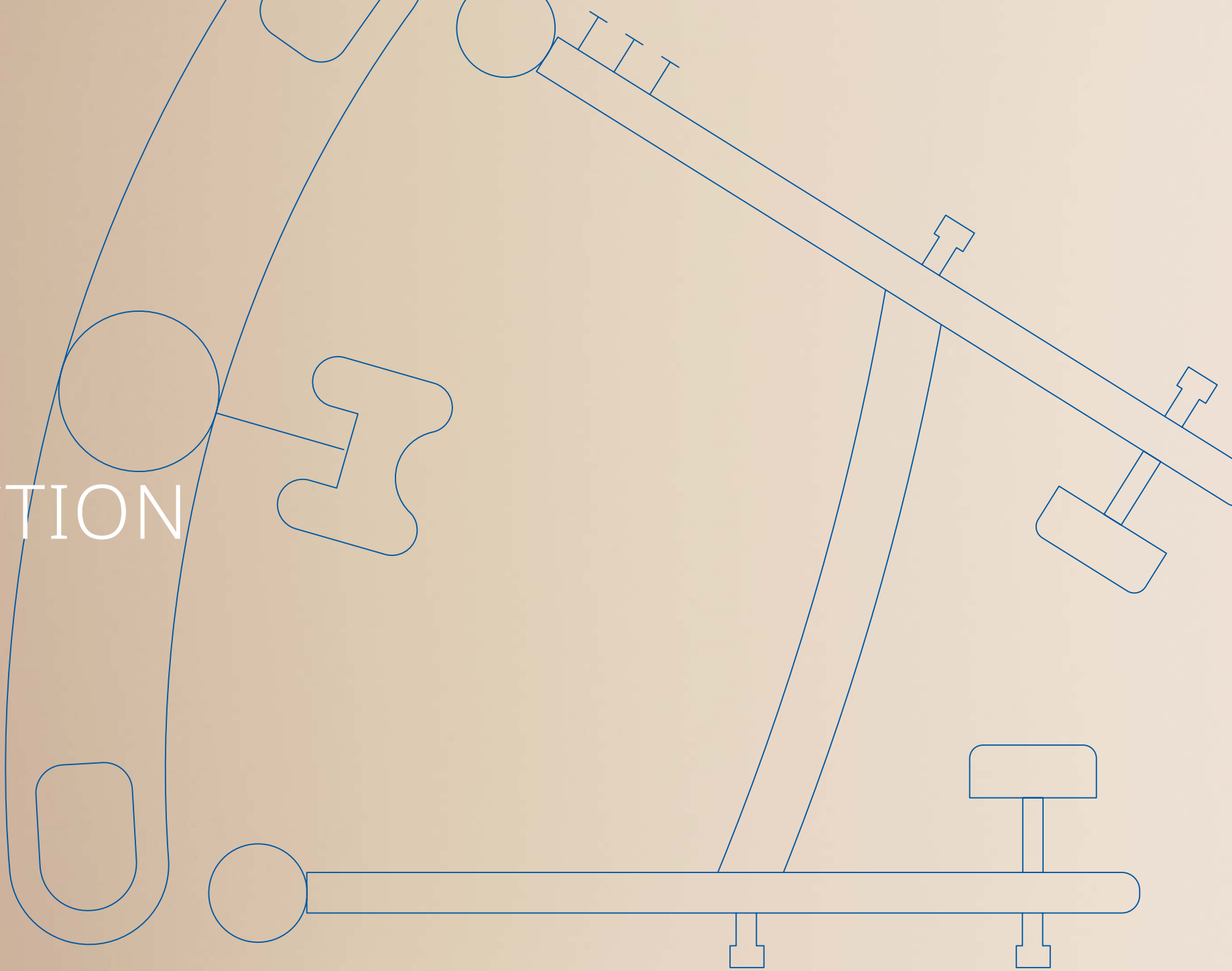
The functional precision chain

# Seamless integration from start to finish.

From the precision model (which is crucial for fitting end results) we ensure trouble-free operation throughout the entire process chain. With every update (either hard- or software) we optimize all interfaces to ensure ongoing and safe operation of your system.



# FUNCTION



Zebris for Ceramill:

# The digital facebow for more accurate prosthetic results.

The Zebris for Ceramill digital facebow digitally captures the patient's temporomandibular joint trajectories in next to no time and closes the gap between any intraoral scanners on the dentist side and the CAD/CAM systems on the laboratory side. It is suitable for virtually every dental indication: single tooth restorations, bridges, implant technology, splint therapy as well as full dentures. The lightweight wireless facebow captures and calculates the patient's axis relations and joint compartment in just a few minutes. Comprehensive patient documentation and the values for programming the articulator can be provided at the touch of a button.

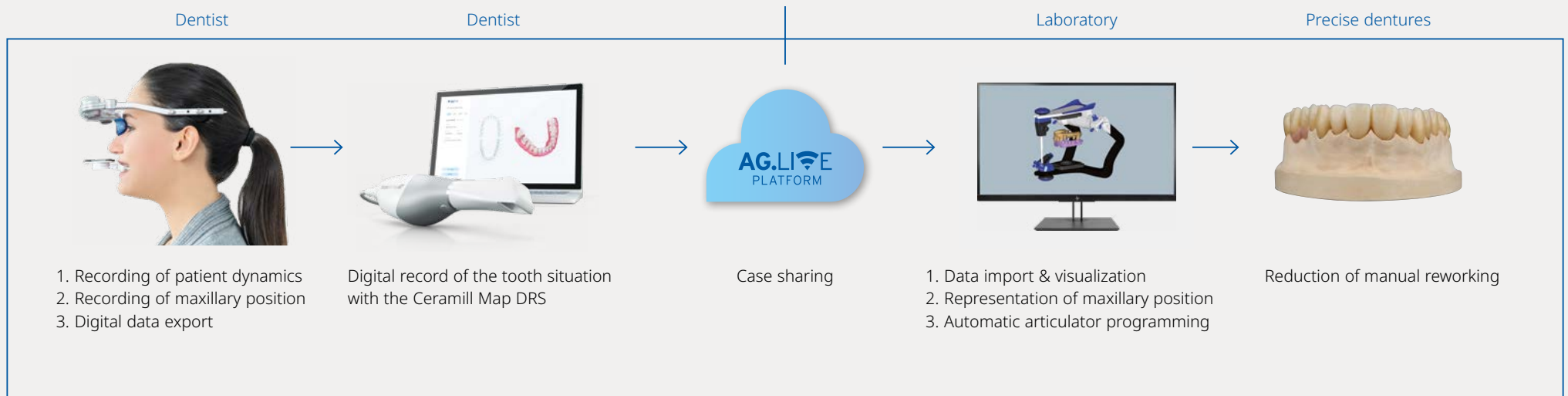
Specific extension modules enable extended bite registration of the patient in an extremely short time.

Zebris for Ceramill completes the digital Ceramill workflow in combination with the Ceramill Map DRS intraoral scanner. Both the Zebris data as well as the scan data can be easily and quickly integrated into the Ceramill CAD/CAM system on the laboratory side. Of course, it can also be inserted into the analog process chain with the transfer jig.



## The digital workflow

# From the dental practice to an individual, precise fit



### The advantages at a glance

- ✓ Complete digital workflow – closes the gap between intraoral scanner and CAD system
- ✓ Time-saving, efficient and profitable – lean process from exact digital recording of the individual jaw situation to reduced grinding times due to more accurately fitting dentures – enables profitable integration into the daily business
- ✓ Comprehensive patient documentation at the touch of a button due to digital patient data collection
- ✓ Specific extension modules enable extended bite registration of the patient in an extremely short time

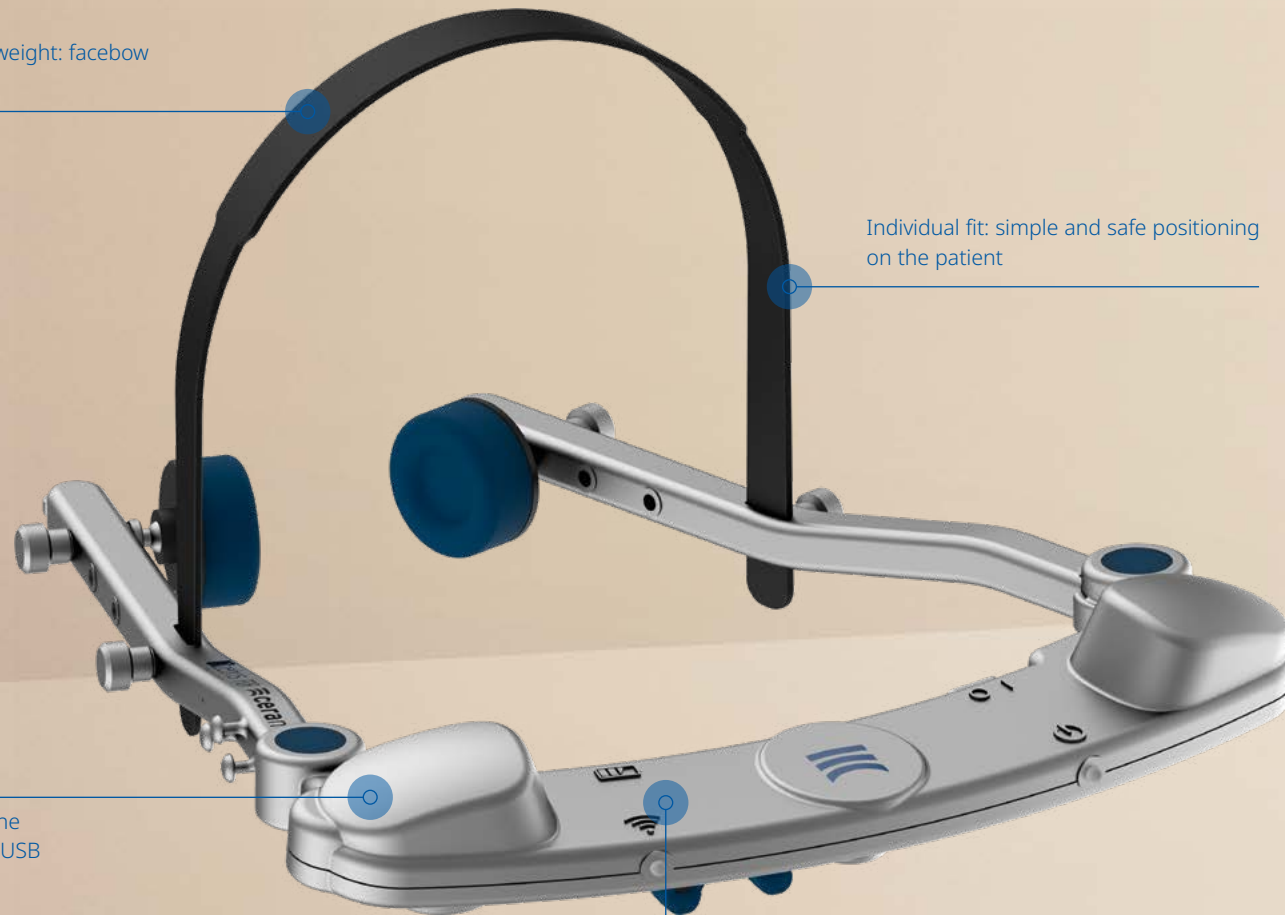


Wireless and lightweight: facebow (receiver) 200 g

Individual fit: simple and safe positioning on the patient

Easy handling: direct connection to the laboratory, communication via WiFi / USB interface

Integrated into the Ceramill System



# PRECISION SCANNING



## Ceramill Map product portfolio




## Scanner generation with innovative features

The technologically innovative Map product portfolio was developed to satisfy the specific needs and requirements of dental laboratories and clinics. The intelligent and efficient scanner solutions from Amann Girrbach enable precise scanning of the most diverse indications. The precision of the digital impressions is extremely important for subsequent process steps to fabricate high-quality and perfectly fitting restorations. The new features and the different scanner designs open up fascinating new possibilities that can be perfectly integrated into every laboratory.

## ALL FUNCTIONS AT A GLANCE

The new generation of scanners comes with many new and innovative features that greatly increase the performance, scanning accuracy, and scanning speed and thus ensures the greatest positive impact for every dental laboratory.



	FUNCTION	ceramill® map 200+	ceramill® map 600+
 INTELLIGENT	Multi-Die	<input type="radio"/>	<input type="radio"/>
	Intelligent Multi-Die	<input type="radio"/>	<input type="radio"/>
	Texture and Color Scan	<input type="radio"/>	<input type="radio"/>
	Universal Scan	<input type="radio"/>	<input type="radio"/>
	Free scanning sequence	<input type="radio"/>	<input type="radio"/>
	Auto-Articulation	<input type="radio"/>	<input type="radio"/>
	All-In-Scan	<input type="radio"/>	<input type="radio"/>
 PRECISE	Optical autofocus (automatic positioning of model)		<input type="radio"/>
	Blue-Light-Technologie		<input type="radio"/>
	HD-Scan		<input type="radio"/>
 EFFICIENT	Impression Scan / Triple Tray / Full arch	<input type="radio"/>	<input type="radio"/>
	Splitex-Integration	<input type="radio"/>	<input type="radio"/>
	Open scanning	<input type="radio"/>	<input type="radio"/>
	DNA Speed Scanning	<input type="radio"/>	<input type="radio"/>
	Articulator Scan		<input type="radio"/>
	Fixator Scan		<input type="radio"/>
	DNA High Speed matching	<input type="radio"/>	<input type="radio"/>

”

Because precision and speed are the most important factors for me, the Ceramill Map 600+ from Amann Girrbach immediately impressed me. It generates a high-quality scan of my model in the shortest time. The open work surface and the universal carrier plate also simplify my routine work.



Tim Brand ZTM  
Dentallabor Brand  
Germany

Ceramill Map product portfolio

# Efficient, intelligent, precise



## SPEED-UP MATCHING

The improved calculation algorithms in the software generate significant improvements in the speed of the matching process. The active waiting time can thus be reduced by up to 50%.

### The advantages at a glance

- ✓ Faster calculation algorithm
- ✓ Significant improvement in the matching speed
- ✓ Depending on the indication, between 30% and 50% faster



## AUTO-ARTICULATION

The computing space feature automatically allocates the previously scanned upper and lower jaws, which means that the vestibular scan step can be omitted. By optimizing the working routine, the total scanning process can be accelerated and the active waiting time reduced to a minimum.

### The advantages at a glance

- ✓ Automatic allocation of upper and lower jaws without an additional vestibular scan



## FREE SCANNING SEQUENCE

The "Free Scan Sequence" ensures the workflow is dynamic and offers greater flexibility when scanning. The user can make decisions depending on the situation and determine the scan sequence specifically for the current case. This increases working comfort while also positively impacting the working rhythm.

### The advantages at a glance

- ✓ Enables situation-dependent and flexible working
- ✓ Positively impacts working comfort and rhythm



## NEW SCANNER GUI

The user interface is derived from the design of Ceramill Mind. This brings the advantages of a clear and user-friendly display that makes working with the software faster and more comfortable.

### The advantages at a glance

- ✓ Adaptation of the software interface to the new Ceramill Mind design



## NEW INDUSTRIAL CAMERA

The new 3.2 MP industrial camera (equivalent to a 9.6 MP RGB camera) that is used for the Map 600+ guarantees high resolution, particularly in the critical marginal area. In addition to the qualitative improvement in the scanning image, the scanning process can also be accelerated by up to 20% when the scanner is used in combination with a premium PC.

### The advantages at a glance

- ✓ Higher resolution, particularly in marginal areas
- ✓ Up to 20% faster



Maximum efficiency

# Ceramill Map 600+ with articulator scan



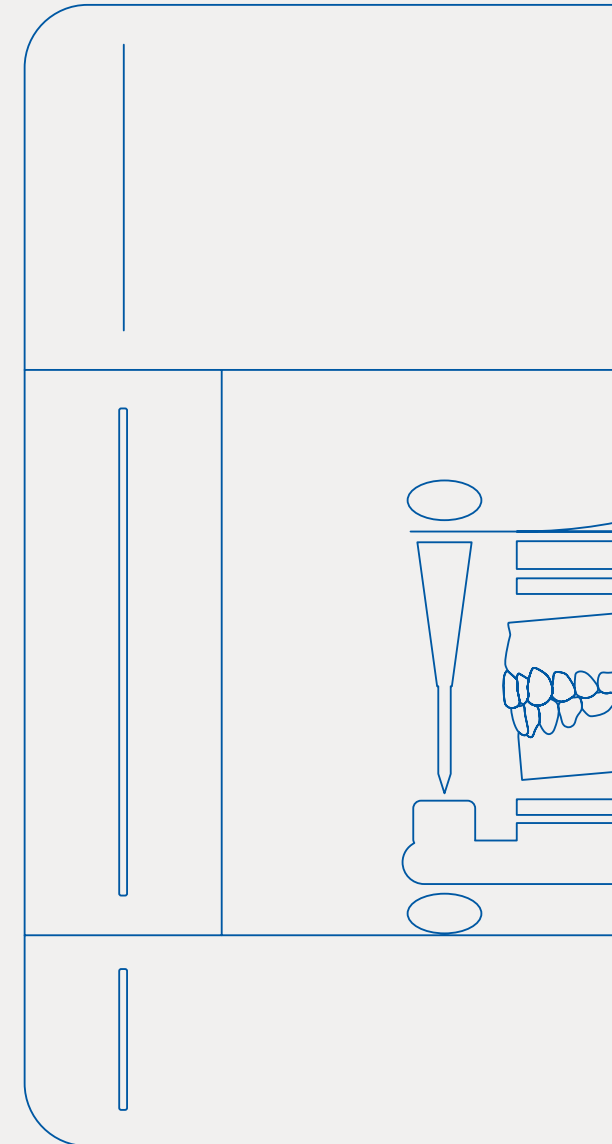
## ARTICULATOR SCAN

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 multi-functional support plate. This offers the user maximum convenience and speed.

### The advantages at a glance

- ✓ 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

## THE ROUTE TO THE PERFECT FIT



## Ceramill Map 600+ with articulator scan

# The fully automatic high-performance scanner

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 port-folio 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.



### The advantages at a glance

- ✓ 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
- ✓ The Ultra HD industrial camera with 3D sensor and blue-light technology ensures a very high scanning resolution and highly reproducible results
- ✓ DNA HIGH Speed Matching enables workflows that are up to 20% faster and minimal waiting times in the laboratory



Speed-up matching



Auto-articulation



Free scanning sequence



New scanner GUI



New industrial camera

**Open housing design**

designed according to dental requirements for easy operation and highest scanning precision at the same time

**High-Definition 3D Sensor**

with blue light technology, variable resolution and integrated stray light cover for best results

**Automatic scan height control**

Automatic positioning of the scan object in the ideal measuring field range

**One-piece interior**

for easy cleaning of the interior while protecting sensitive components

**Splitex plate**

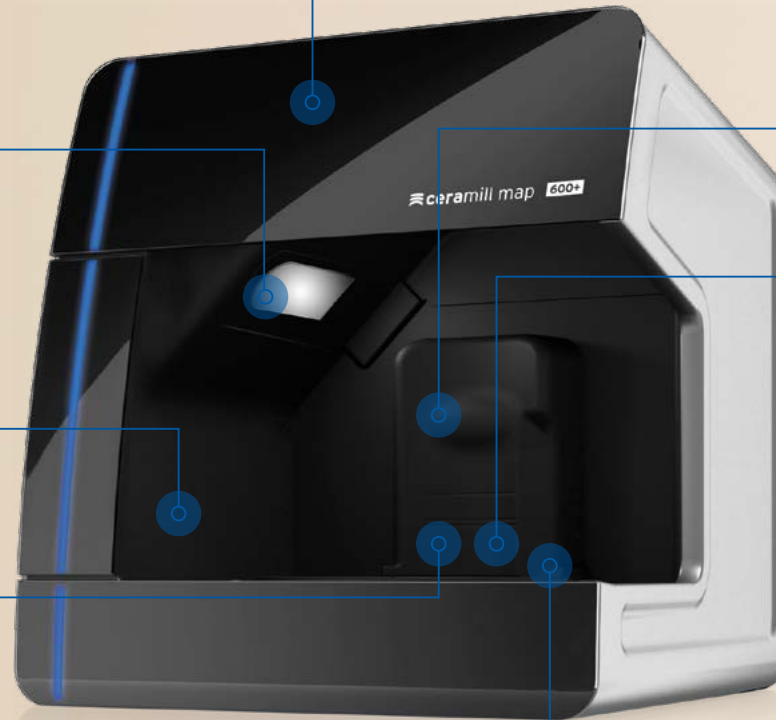
for Map accessory components

**Integrated multifunctional articulator fixator**

for best possible scanning quality with all common articulators

**Quick access key**

for simple operation directly on the device



Ceramill Map 200+: compact, precise, quick

## The entry-level scanner

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 600+. In combination with the automatic user guidance Ceramill Map 200+ brings together convenience and precision on a compact footprint of 390x360x310mm.

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

### The advantages at a glance

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



Speed-up matching



Auto-articulation



Free scanning sequence



New scanner GUI



Intelligent accessories for even more efficiency

# Fully automated workflows and new intelligent features

## IMPRESSION SCAN



### The advantages at a glance

- ✓ Fully automated workflow for scanning impressions
- ✓ No manual intervention necessary
- ✓ Easy handling

## INTELLIGENT MULTI DIE - UP TO 12 STUMPS



### The advantages at a glance


- ✓ Scanning of up to 12 stumps
- ✓ In only two scanning steps to the perfect result
- ✓ Automatic alignment of the stumps in the model
- ✓ Maximum time savings

## ALL-IN

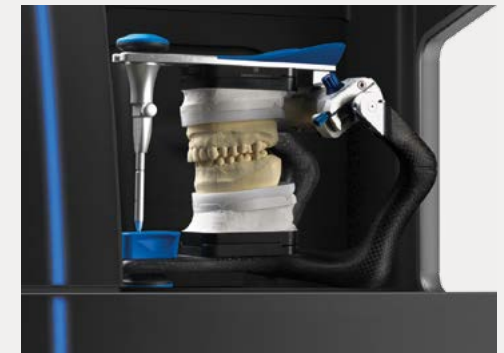


### The advantages at a glance

- ✓ Digitization of a quadrant model in just two scanning steps
- ✓ Automatic alignment of up to 3 single stumps


 only for Map 600+

## AUTOFOCUS OPTICAL



### The advantages at a glance

- ✓ Positioning of the model in the optimal measuring field
- ✓ Highest application safety through intelligent scan height control
- ✓ The best precision per indication

 only for Map 600+

AG.LIVE



Simple, open connection of dental data and systems.

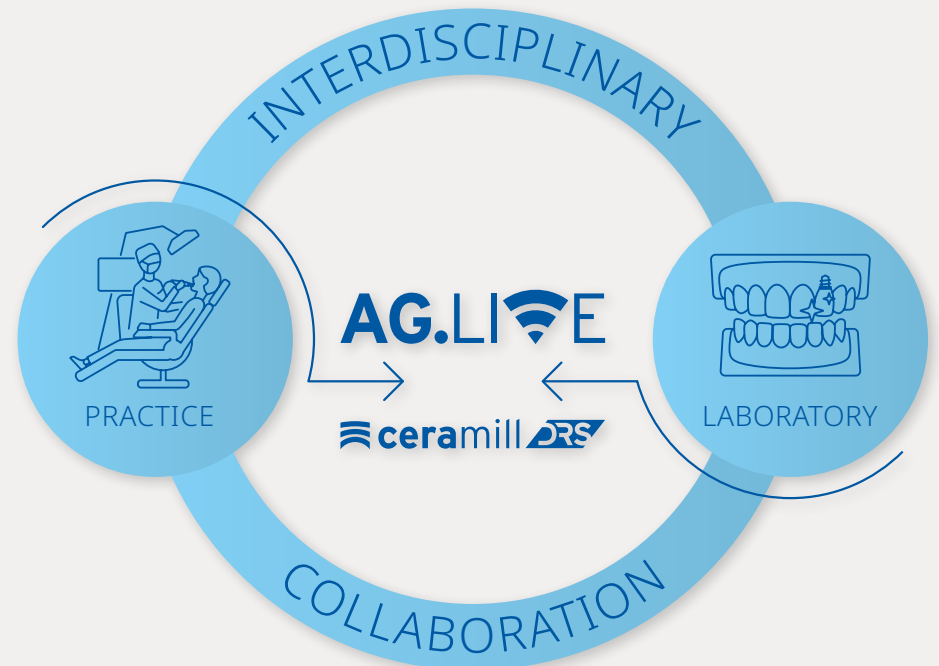
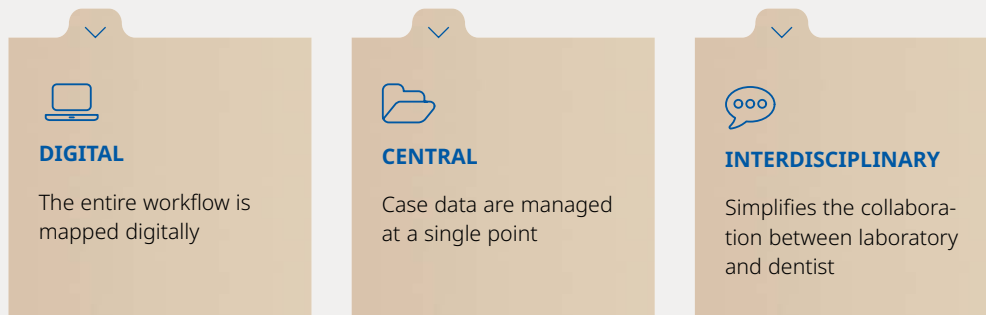
# At the core of the digital workflow

Amann Girrbach is all about supporting laboratories and dental practices in organizing digital dental workflows. With the AG.Live cloud platform, this project reaches a new dimension. AG.Live helps to manage all digital activities locally and to connect with an ever expanding global network of digital dental professionals.

Clearly structured. Centralized. Digital. To support our digital workflows and to provide optimal networking of the laboratory and dental practice, Amann Girrbach has developed the AG.Live cloud platform, which offers case and infrastructure management at a level of consistency and efficiency that has never been achieved before. All new and existing products from Amann Girrbach are connected

to AG.Live to ensure a perfect workflow and seamless collaboration between laboratory and clinic – for dentistry with ease.

This makes it possible, for example, to offer high-quality direct restorations in collaboration with the laboratory or chairside in one's own practice. Here, the expertise of the dental technician is always just a click away for dentists, which allows for new business models such as design service in the laboratory in addition to the proven collaboration in the area of fabrication processes.



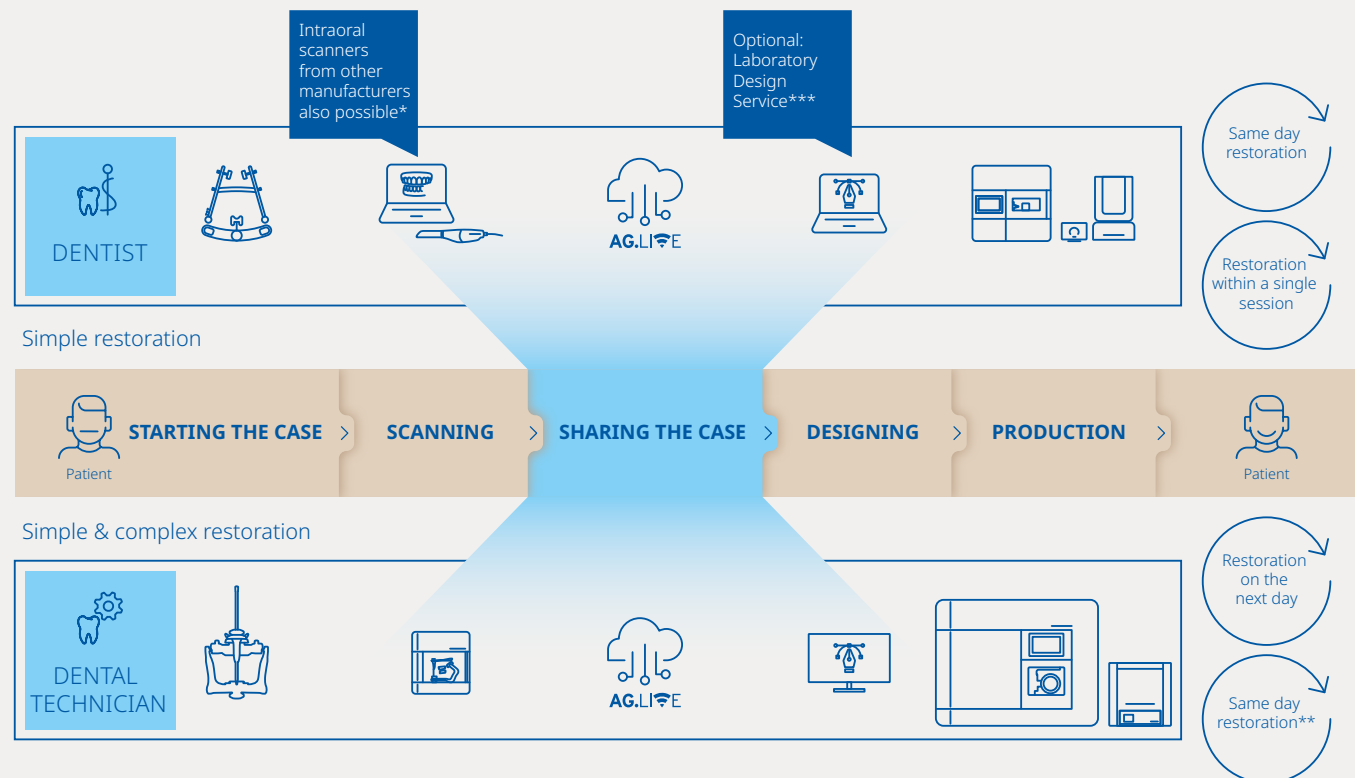
More than just a product.

# How users can benefit from workflows

At Amann Girschbach, we are convinced that the foundation for successful processes in the practice and laboratory is not merely limited to the performance of the products used, but that their connection via digital workflows will play an increasingly important role in the future.

On the one hand, this applies to processes that are restricted purely to either the dental practice or the dental laboratory, but on the other it applies even more strongly to processes in which both parties interact with each other. Here, we have always attached great importance to offering safe, validated processes in which all system components are optimally matched to each other to be able to guarantee outstanding results.

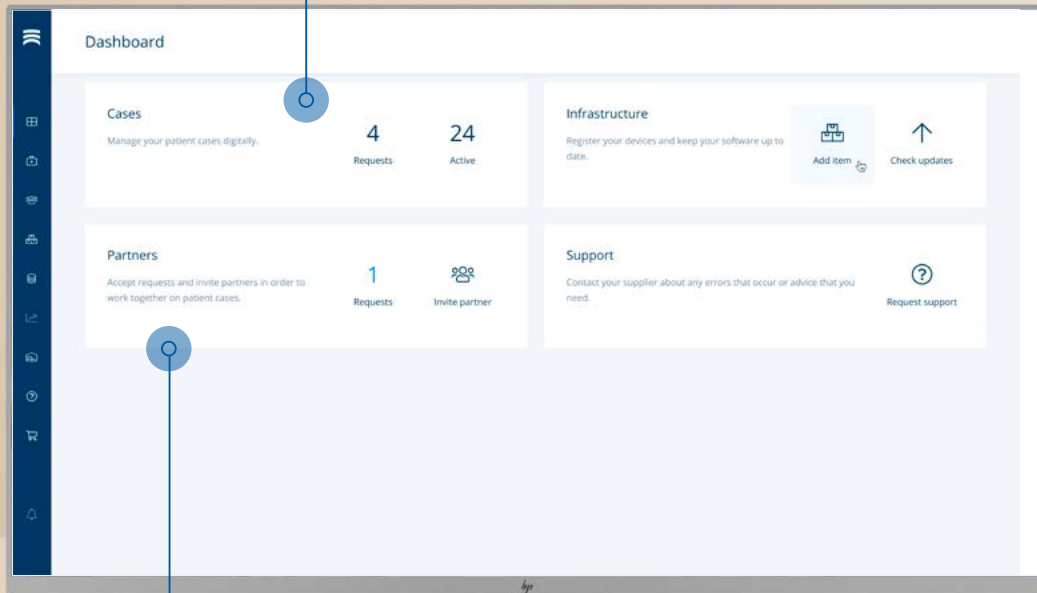
Nevertheless, our systems are open enough to integrate third party products at relevant points, so that users remain flexible at all times and can adapt our ecosystem fully to their individual situation. The core and focus of our digital workflow is our AG.Live cloud platform, which not only links our systems but also the dental practices and laboratories with each other.



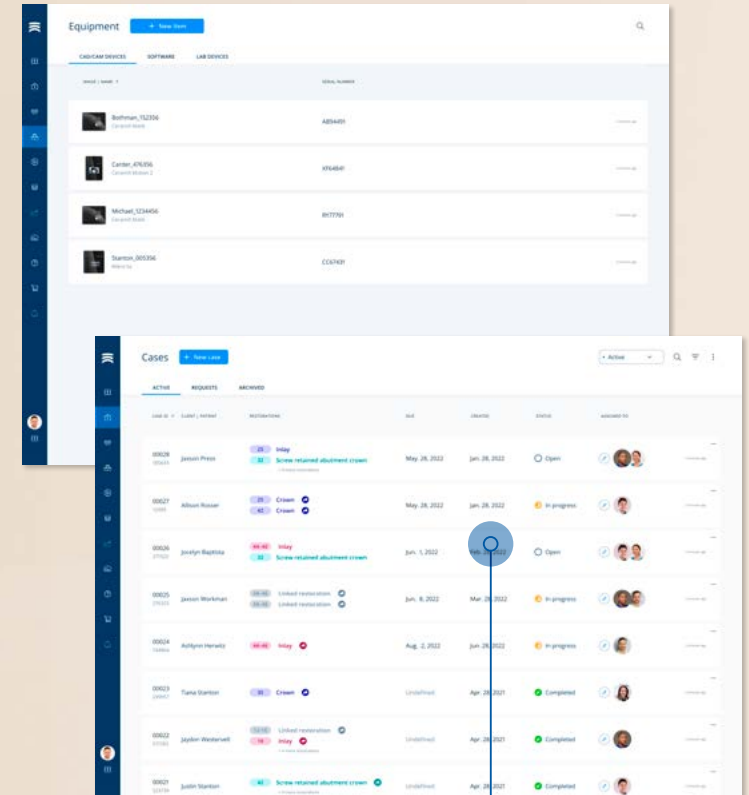
\*3Shape (validated), Medit (validated), I-Tero (validated), additional systems    \*\* depending on the local distance between laboratory and dental practice    \*\*\* Coming soon



Efficient work: use of cases and data in a single portal, everything is automated and networked on a single platform

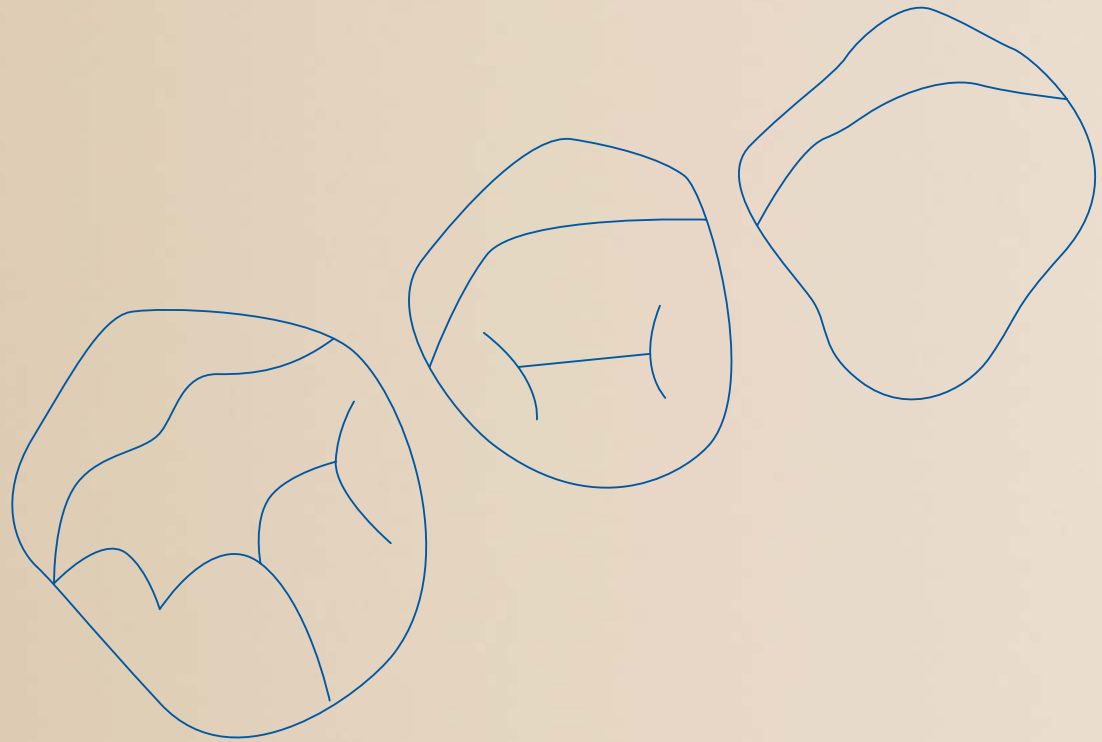


Interdisciplinary: AG.Live connects the practice and laboratory for easier, safer collaboration



Intuitive and clear: creating, managing and processing patient cases becomes child's play

# DESIGN / CAD

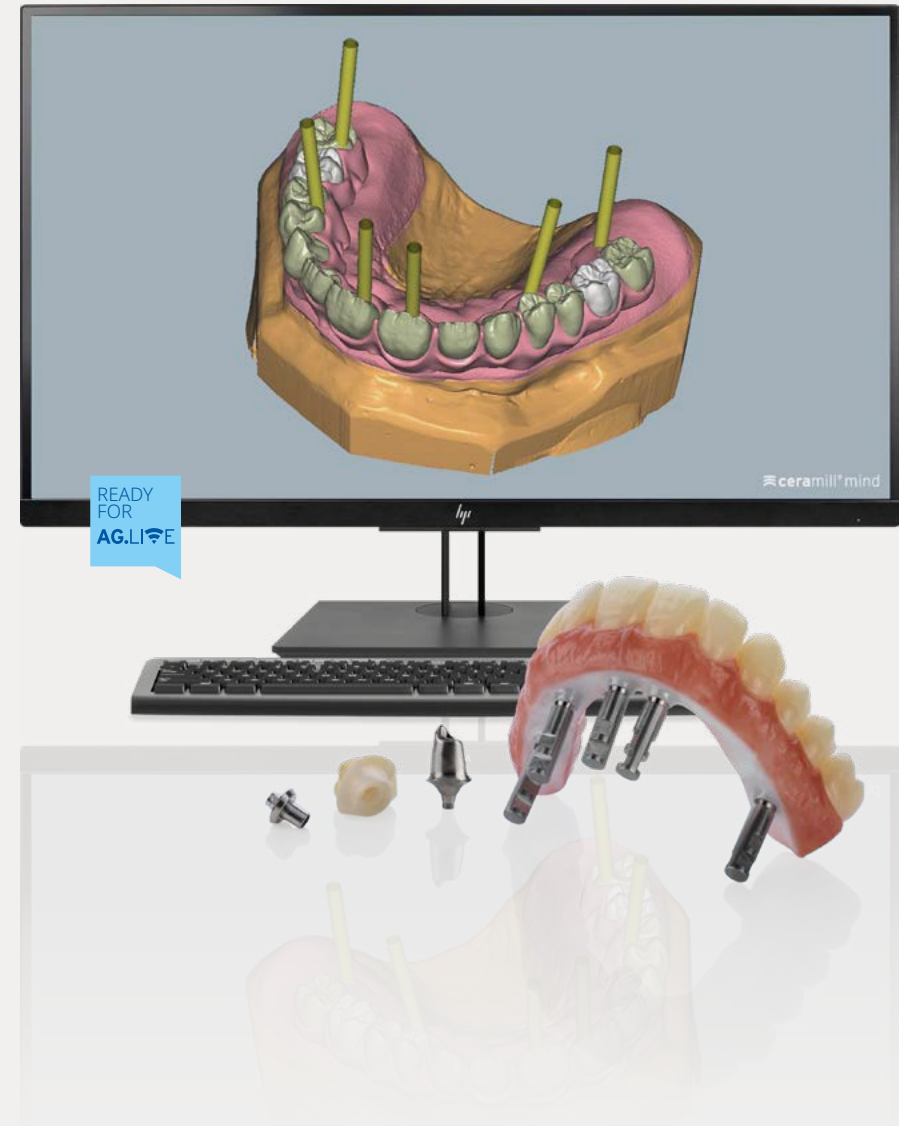


## Ceramill Mind: Developed according to dental technology logic

# The intelligent design software

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.

The Ceramill Mind design software is the central hub of Amann Girrbach's digital ecosystem. The perfect, synchronized integration of all components from model creation to the finished design promises a validated workflow. This enables high user-friendliness, accuracy and reproducible results. In recent years, Amann Girrbach has endeavored to reliably design all constructions of crowns and bridges, bite splints, telescopic constructions to complex All-on-4 implant cases and full dentures in combination with the Match2 Nesting Software and the corresponding machine. Amann Girrbach will continue to optimize and improve the Ceramill Mind Software to ensure that it meets all user requirements.



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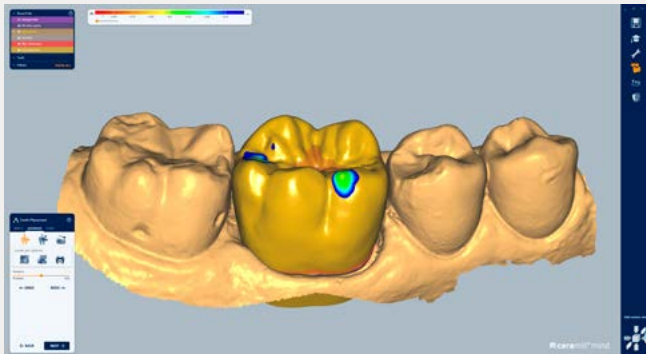
With the Amann Girrbach's Ceramill Mind, every member of my laboratory staff can be involved in digital dental technology. In addition, for the professionals among us, the software offers virtually unlimited design and manufacturing options in the Ceramill product family.



Michael Stegmeier MDT  
Stegmeier Zahntechnik, Germany

# Ceramill Mind base package

## AUTO-MORPHING AND AUTO-ANTAGONIST



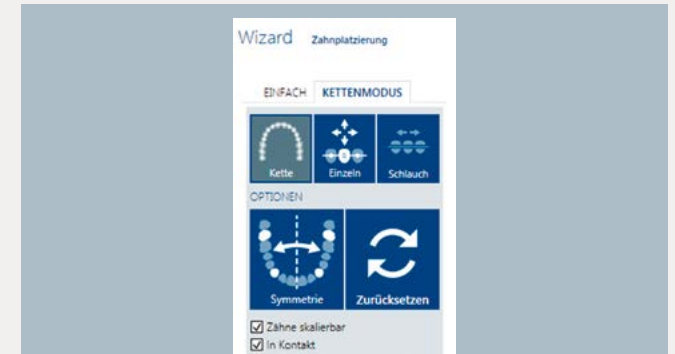
Automatic adaptation to the tooth anatomy through Auto-Morphing

## LIBRARY TEETH



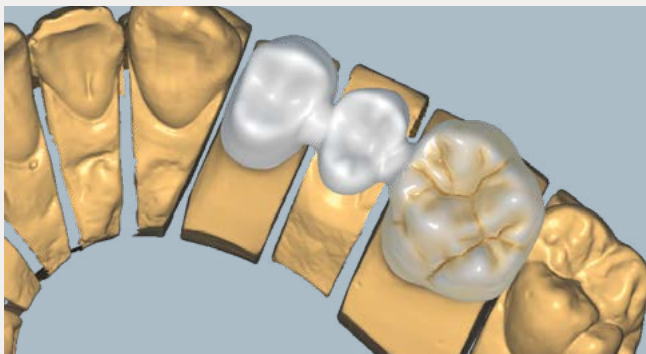
Ceramill Mindforms by AG  
**Other libraries:** AG Generic, VITA Physiodens, Prittidenta

## CERAMILL WIZARD

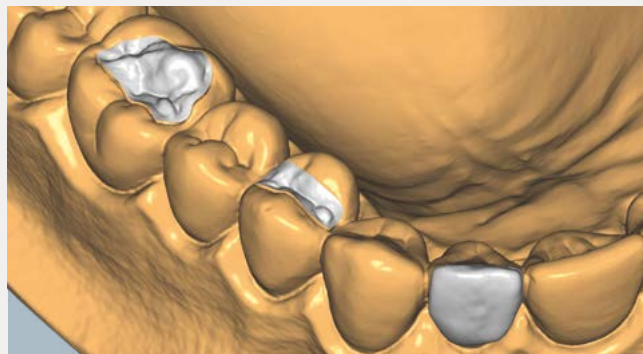


Automatic user guidance through the design process

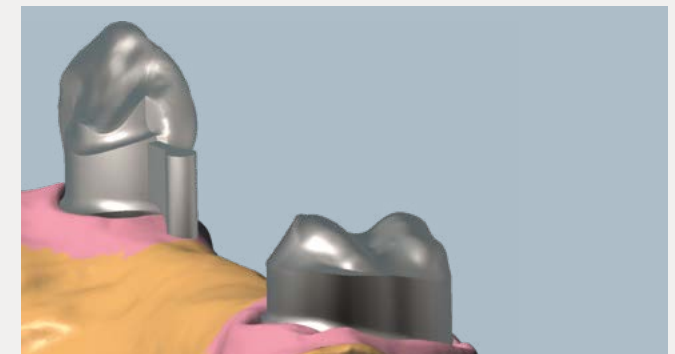
## INDICATIONS



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



**Ceramill Mind**  
Inlays, onlays, veneers



**Ceramill Mind**  
Telescope crowns, attachments

# Ceramill Mind Upgrade Module



CAD Ultimate Bundle

**ceramill® mind Ultimate Bundle**

CAD Software full version including all modules (excl. Ceramill Mind-forms)



Module for crowns and bridges

**ceramill® artex**

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



Module for crowns and bridges

**ceramill® mindforms**

Ceramill library teeth by Knut Miller.



Module for crowns and bridges

**ceramill® m-splint**

Fabricate functional and accurately fitting therapeutic splints.



Module for crowns and bridges

**ceramill® microshell**

Fabricate temporary eggshell restorations quickly and easily.



Upgrade module for implant prosthetics

**ceramill® m-plant**

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



Upgrade module for implant prosthetics

**ceramill® m-bars**

Design customised Ceramill Sintron (CoCr) or wax bars.



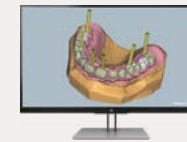
Upgrade module for crowns and bridges

**ceramill® m-build**

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



The Ceramill Mind is at the very core of your digital dental designs. The additional upgrade module lets you extend the capabilities of your Ceramill Mind to all dental indications.



Upgrade module for implant prosthetics

**ceramill® m-gin**

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



Upgrade module for implant prosthetics

**ceramill® m-smile**

Ceramill M-Smile – the software module for esthetic planning.



Upgrade module for crowns and bridges

**ceramill® trusmile**

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



Upgrade module for crowns and bridges

**ceramill® m-pass**

The import module for jaw movement data from external systems.



Upgrade module for implant prosthetics

**ceramill® dicom viewer**

Communication and visualisation module based on Dicom data.



Upgrade module for full dentures

**ceramill® d-flow**

Design of full dentures – precise, customised and aesthetic.



Upgrade module for partial dentures

**ceramill® m-part**

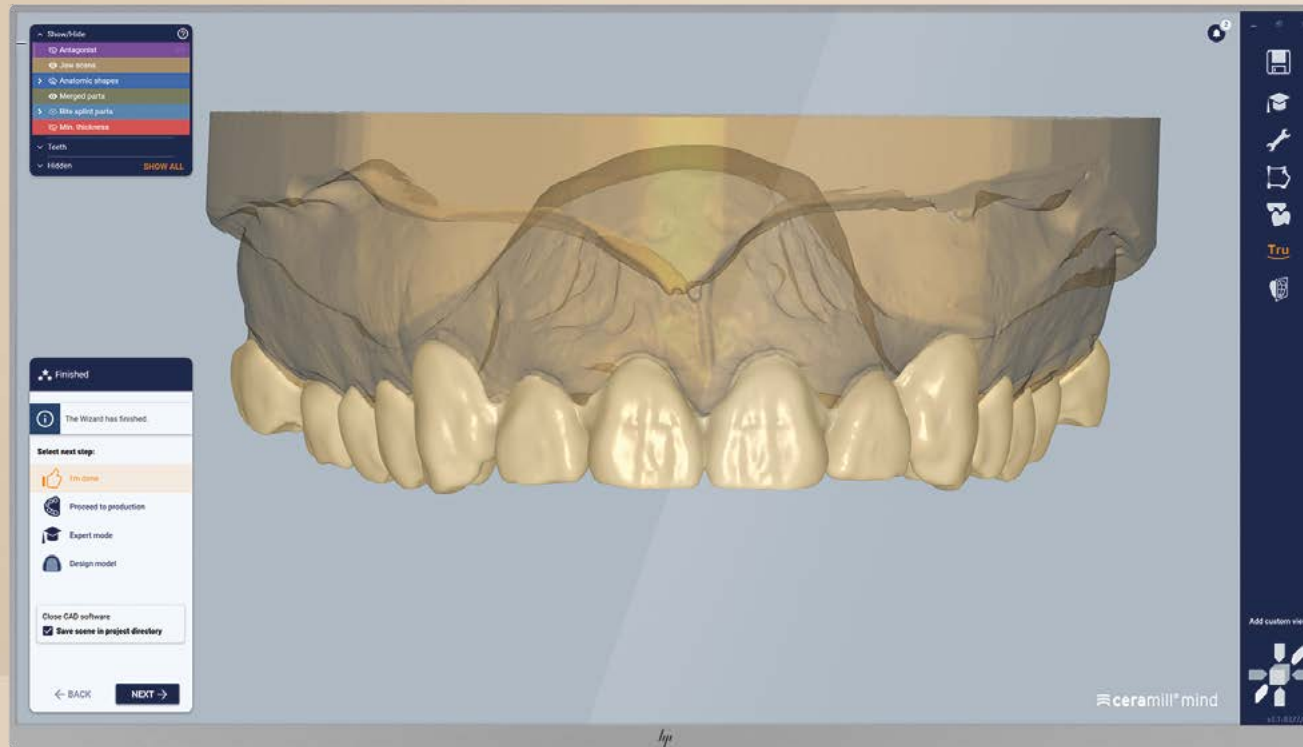
Software module for preparing customised partial denture frameworks.



Module for crowns and bridges

**ZRS for ceramill**

Comprehensive library of beautiful natural teeth including the anterior tooth collection “Anteriores” by Dr. Jan Hajtó.





Ceramill Mind: Purchase or rental – depending on requirements

# Regular upgrades expand your opportunities!

Our highly qualified Research & Development team is constantly improving and expanding the capabilities of the Ceramill System. In regular updates you will receive numerous new options and thus keep your system and therefore your business fit for the future. You benefit from these upgrades with both a Performance Plan and an active Upgrade Plan.

**Among other things, the upgrades include:**

- New indications, workflows and functions for optimized and more efficient ways of working
- Integration of new materials as well as milling tools and holders
- Process optimization, for example through more efficient milling strategies

**The advantages at a glance**

- ✓ All-round carefree package: permanent up-to-date software as well as regular implementation of new functions
- ✓ Low entry costs and payment only for actual use of the software
- ✓ The scope of the package is adapted to your needs. If they change, you can adjust your subscription accordingly.

	PERFORMANCE PLAN			
	BASIC	EXPERT	MASTER	PURCHASE + UPGRADES
Software license fees	✓	✓	✓	✓
Software upgrades	✓	✓	✓	Upgrade plan to be concluded separately
Modules included	4*	+3 in addition according to choice	all**	can be customized

**The Performance Plan is a rental model that includes the annual CAD/CAM basic software license including the modules you select, as well as regular software upgrades.**

You **purchase** the basic CAD/CAM software license as well as the desired modules and conclude a plan for regular software upgrades.

\* Ceramill Mind Artex, Ceramill Microshell, Ceramill Mind TruSmile, Ceramill ZRS Library

\*\* Includes all available modules, except Knut Miller (can be purchased optionally)

With the purchase or rent of the **“Ceramill Mind + Ceramill Match 2 Master Bundle”** you will receive the complete package of all upgrade modules (for scope see page 25).



# CAD/CAM MATERIAL



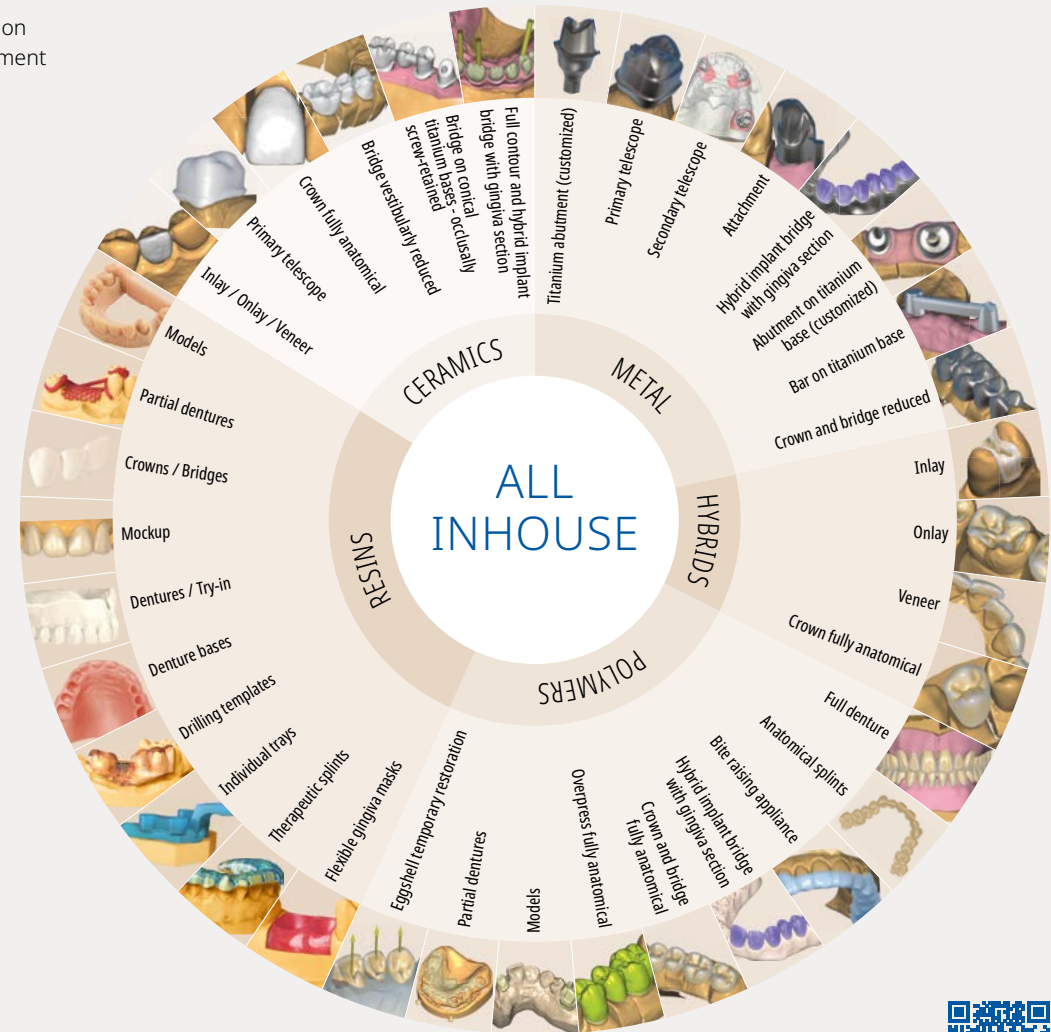
## Ceramill Materials: Ceramics, Metal, Hybrids, Polymers, Resins

# CAD/CAM materials for the highest demands

Materials from the Ceramill material portfolio ensure that you work with the highest quality restoration materials. We cooperate closely with selected partners to combine materials from in-house development and production with their materials in order to extend our product portfolio for customers.

### The advantages at a glance

- ✓ Zirconia for great expectations – esthetic, cost-effective and efficient
- ✓ CoCr sintering and hard metal for fabricating non-precious metal restorations
- ✓ Resins for temporary restorations and therapeutic splints
- ✓ Hybrid ceramics which combine the positive properties of composites and ceramics
- ✓ Strong partners – strong products. Amann Girsch works closely with a select group of renowned cooperation partners in a *Certified Partner Program*, which includes Ivoclar, Voco, Vita and Shofu among others.



We at the Amsterdam Dental Group strive to provide the best for our patients. The wide variety of materials in Amann Girsch's CAD/CAM portfolio has enabled us to select the ideal material for each clinical situation.



Harold Baumgarten DMD  
Amsterdam Dental Group, USA



Discover the diversity of materials from Amann Girsch in the catalog and on the website.



DT Luís Manuel Rocha Saraiva, Clarity Lab Porto, PT



CDT Barbara Wetzel, Trainer Amann Girrbach, AT

CDT Atsushi Hasegawa, Organ Dental Lab, JPN



MDT Benjamin Votteler, Dentaltechnik Votteler, GER



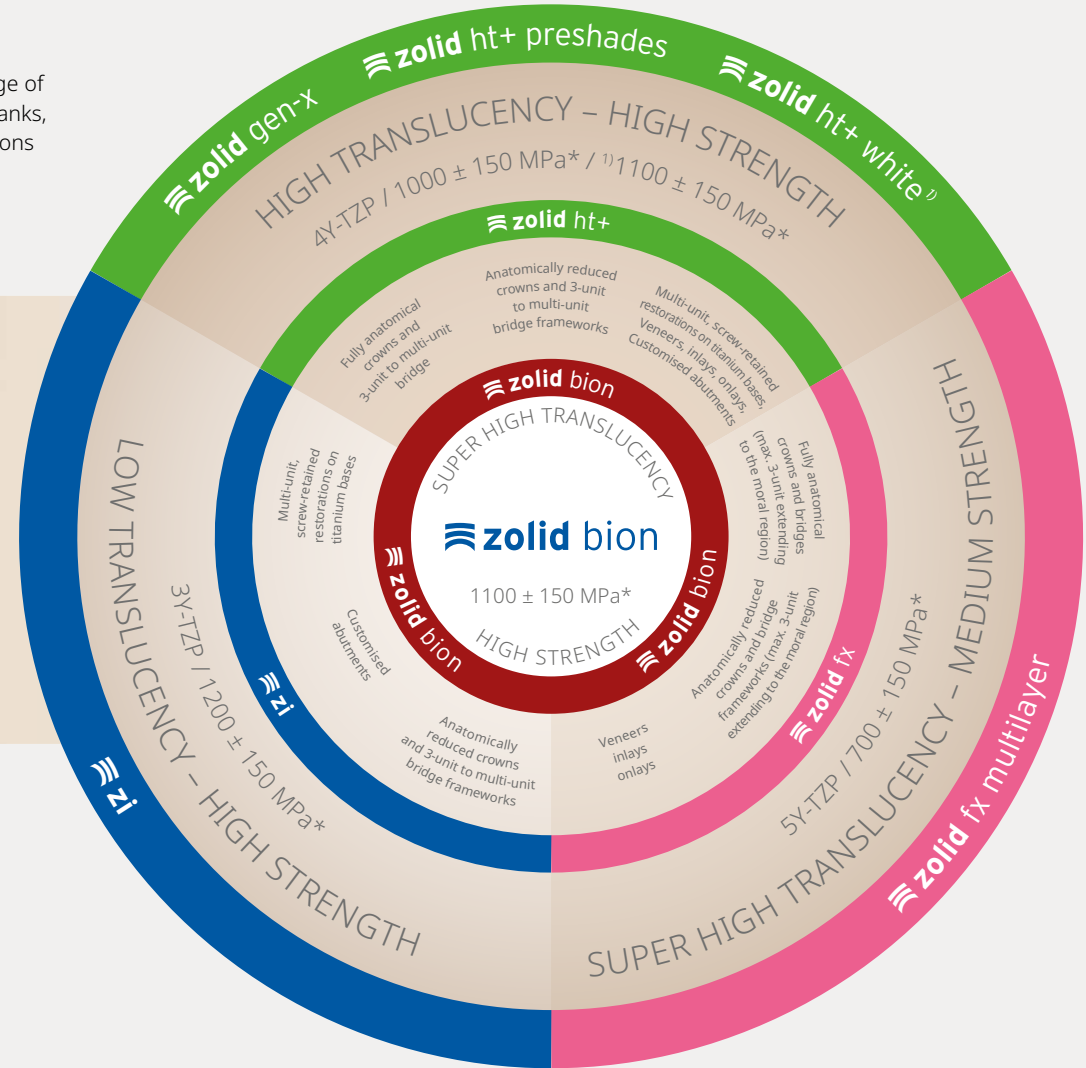
Zolid: for more variety in zirconia

# One system – all possibilities

Zirconia is considered the first choice for dentures of high esthetic standards due to its wide range of possible applications, biocompatibility and optical adaptability. With the Zolid brand of zirconia blanks, Amann Girrbach offers the right material for every zirconia-based indication to fabricate restorations with long-term stability and natural esthetics economically and efficiently.

### The advantages at a glance

- ✓ Wide range of indications and customization options due to white, pre-shaded and multilayer blanks in different levels of translucency
- ✓ Finely coordinated shade concepts according to the VITA classical shade guide guarantee accurate, reproducible results
- ✓ In-house blank production at the Austrian site with state-of-the-art manufacturing technology assures excellent and consistently high quality standards
- ✓ Comprehensive training offer for processing the Zolid DNA generation
- ✓ Certificate of authenticity and 10-year warranty for all Zolid restorations used. More on the subject at [zolid.amanngirrbach.com](http://zolid.amanngirrbach.com)



**100%**  
manufactured in-house

**10 Mio units**  
clinically proven

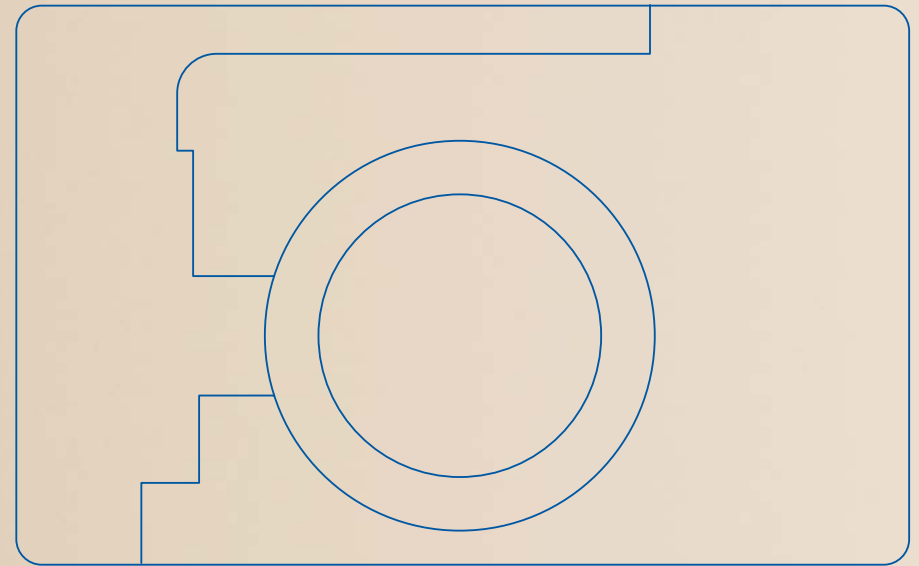
open for all systems



100% made in Austria

\*Average of three-point bending test as defined in DIN EN ISO 6872, R&D AmannGirrbach

# PRODUCTION / CAM



# Ceramill milling machine portfolio

## Light years ahead

Maximum precision across the entire versatile range of materials and indications, future-proof and maximum ease of operation form the basis of the Ceramill machine concept. Furthermore, the machine concept supports you in your impressive trade through its stable, low-vibration design, continuous software updates and machine-guided workflows\*. In addition to dental perfection, development focuses on the simplification of management and production processes, all based on the specially developed control technology.

Ease of use and intuitive interaction create valuable time that dental technicians, laboratory managers and everyone else involved in the fabrication of dental restorations can devote to value-adding activities.

### AUTOMATION / FLEXIBILITY

ceramill® motion 2

proven



ceramill® motion 3

digitally flexible



ceramill® matik

the 24/7 production unit



READY FOR AG.LIFE



RFID

READY FOR AG.LIFE



RFID

READY FOR AG.LIFE

### The advantages at a glance

- ✓ Maximum spectrum of indications and materials for a maximum return on investment
- ✓ Maximum time savings through well thought-out and validated processes – by dental technicians for dental technicians
- ✓ Digital transparency in capacity, material and production management for maximum delivery reliability and optimal utilization of resources

\*Applies to machines with integrated HMI





”

The Ceramill System is at the core of our laboratory and has been the basis on which we have designed our procedures and workflows. The objective was reliability, implementing the highest quality and precision in a fast, validated workflow, which at the same time could be adapted to our requirements. The Amann Girrbach workflow allows me to work in my own way, yet at the same time offers me the assurance that my team and I need to efficiently produce work of the highest precision and quality – restorations that not only make our customers happy, but also give us pleasure in our work.

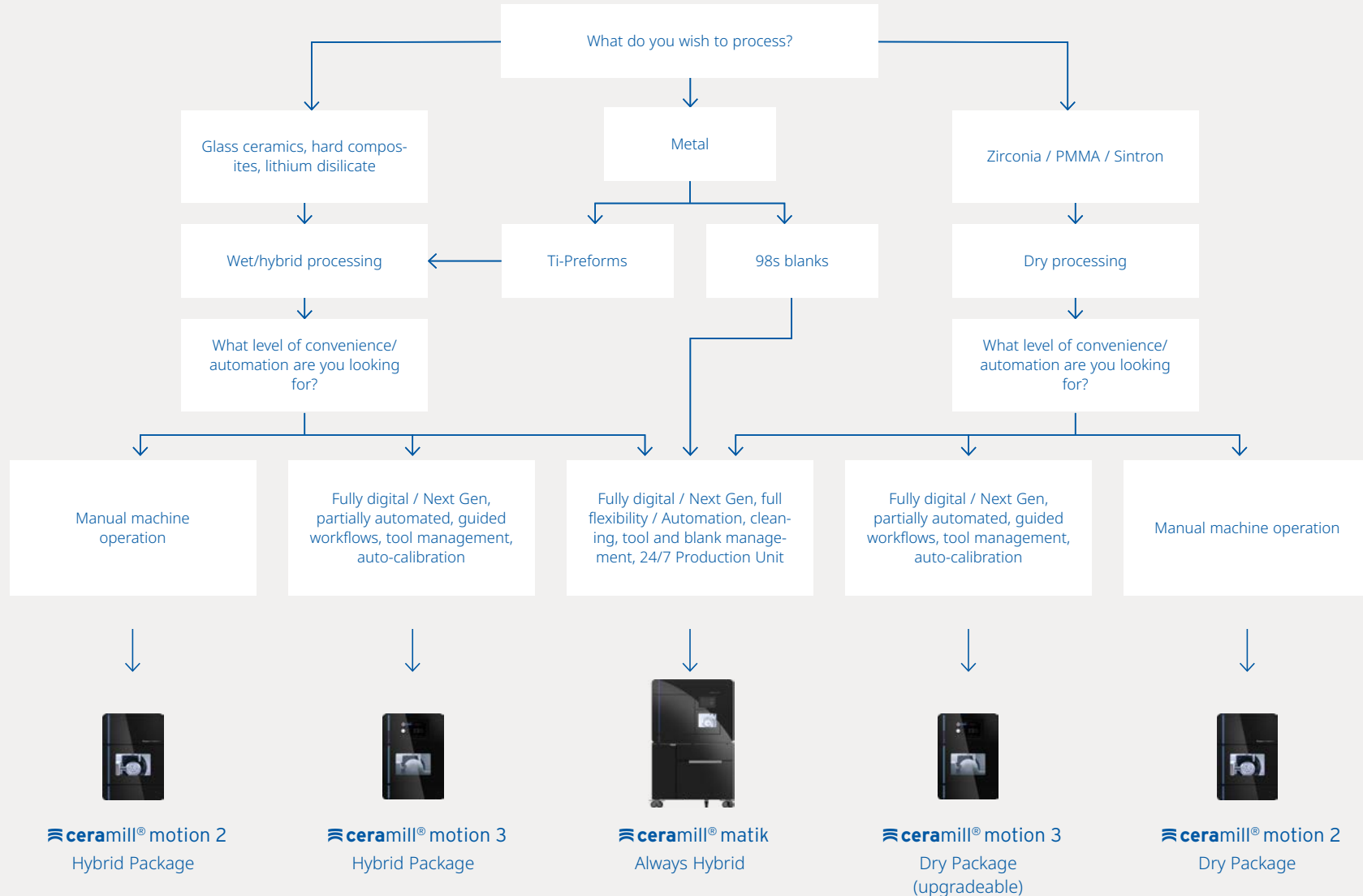


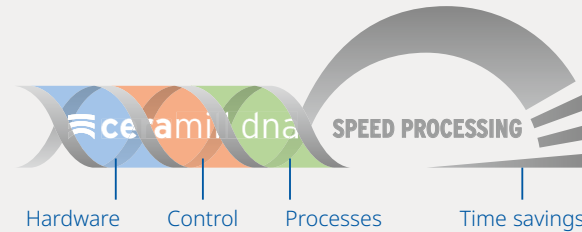
Matthias Mützelburg ZT,  
Neodent Berlin, Germany



Ceramill milling machine portfolio

# Which machine suits me best





### ENGINEERED, PRODUCED, AND TESTED IN AUSTRIA

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.

 Made in Austria

### DNA GENERATION. POWER + DENTAL INTELLIGENCE = PERFORMANCE

Thanks to in-house development of all the elementary components, and particularly the new control units, we can meticulously adapt our milling units to the specific requirements of dental technology and continuously refine them. An unmistakable profile results from the precision, speed, and CAM processes, which are precisely adapted to the mechanical properties of dental materials – we call this the “Ceramill DNA”.

### UHD SCULPTURING – PURE ESTHETICS

The stability of the milling machines and a specifically developed C-Clamp holder in combination with the optimal milling strategies ensure perfect detailing of anterior and posterior tooth restorations.

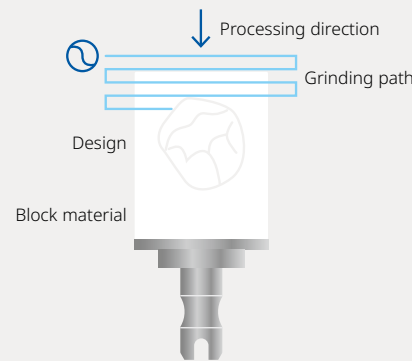
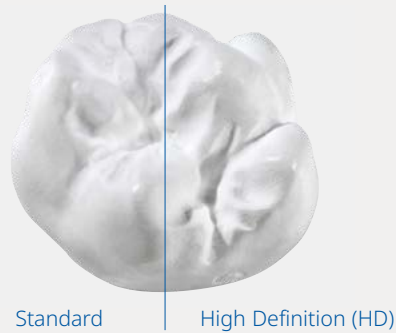
Here, the material blanks can be machined vertically to accommodate fine structures during CAD/CAM fabrication, e.g. for highly detailed anterior tooth restorations. This makes tedious reworking and the grinding of connectors in highly esthetic areas a thing of the past.

#### The advantages at a glance

- ✓ Hardware – More powerful, high-quality construction (drive, spindle, etc.)
- ✓ Control – 100% in-house developed control technology with “dental technology intelligence”
- ✓ Processes – Highly efficient milling strategies enabled thanks to optimal integration of hardware and control
- ✓ Time savings – up to 60% when milling and grinding

#### The advantages at a glance

- ✓ Maximum time savings during reworking due to CAD/CAM detailing of previously inaccessible restorations
- ✓ Stable holders, stable machine setup and validated milling strategies for a highly esthetic results, also on the tooth surfaces



### HIGH DEFINITION CAD/CAM FOR ALL MATERIALS AND INDICATIONS

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.

### SPEEDLINING

In speedlining, the block is ground line by line from front to back. As a result, the connector (weak point) is fabricated only at the end of the roughing process. This means that the grinding process always has the highest possible stability during processing. In conjunction with the new grinding tools, even higher machining speeds are also possible while maintaining maximum precision at the same time.

### AG.LIVE – SMART, STRAIGHTFORWARD AND DIGITAL – THE NEW COMFORT IN OPERATION AND MANAGEMENT

The Ceramill Motion 3 and the Ceramill Matik open the door to the digital world for users.

The main focus in development was placed on simplifying the handling of CAD/CAM fabrication.

#### The advantages at a glance

- ✓ Maximum detail work for highest possible esthetics
- ✓ Most delicate structures for minimal preparation

#### The advantages at a glance

- ✓ Faster than carving
- ✓ More stable tools = more precise processing possible
- ✓ The machining process is more stable and easy-going overall than with carving = easier to use for the operator

#### The advantages at a glance

- ✓ Guided workflows – machine handling service and maintenance work
- ✓ Status overview of production – conveniently from anywhere
- ✓ Service overview – cleaning and maintenance calendar, documentation, faster service
- ✓ Stock management – materials and tool management, consumption-related orders
- ✓ Business reporting – production analysis: indication-related, resource-related, deadline-related



Ceramill Matik: Full Service Unit supplies itself with blanks and tools

# More time for value creation

Ceramill Matik opens up a still unique segment within the digital dental world. The machine frees today's modern dental technicians from unproductive secondary tasks that previously took up to 40 percent of their working time. This now allows the dental technician to concentrate 100 percent on the essentials: dental technology per se and the creation of value in the laboratory.

The innovative Full Service Unit combines the actual processing station with a fully automatic stock management system, an intelligent tool management and an integrated cleaning unit, which enables an automatic change between wet and dry mode. This means that the Ceramill Matik works fully autonomously and can also manufacture unsupervised during the night or on weekends.

The core of the new all-round carefree solution is the smart 10-axis control unit. It masters all the processing modes of the Ceramill DNA Generation and allows maximum indication and material diversity – from zirconia to cobalt-chromium and titanium. The processing station supplies itself with blanks and tools. By “marrying” the blanks with the intelligent holders with RFID chips, the machine itself, depending on the job, fully automatically retrieves the appropriate blank into the work area. The intelligence continues with the Amann Girrbach tools. The packaging also features an RFID chip. This provides complete transparency over the tool magazine and a tool change before the quality of the work suffers, as well as protection against mix-ups. Thus, the Ceramill Matik always selects the right tool – regardless of which slot is occupied. This leaves more time for the really important things.



**NEW Mark III**  
ceramill® matik  
Latest generation of machines

### The advantages at a glance

- ✓ 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
- ✓ Whether titanium or CoCr – produce hard metals in top quality

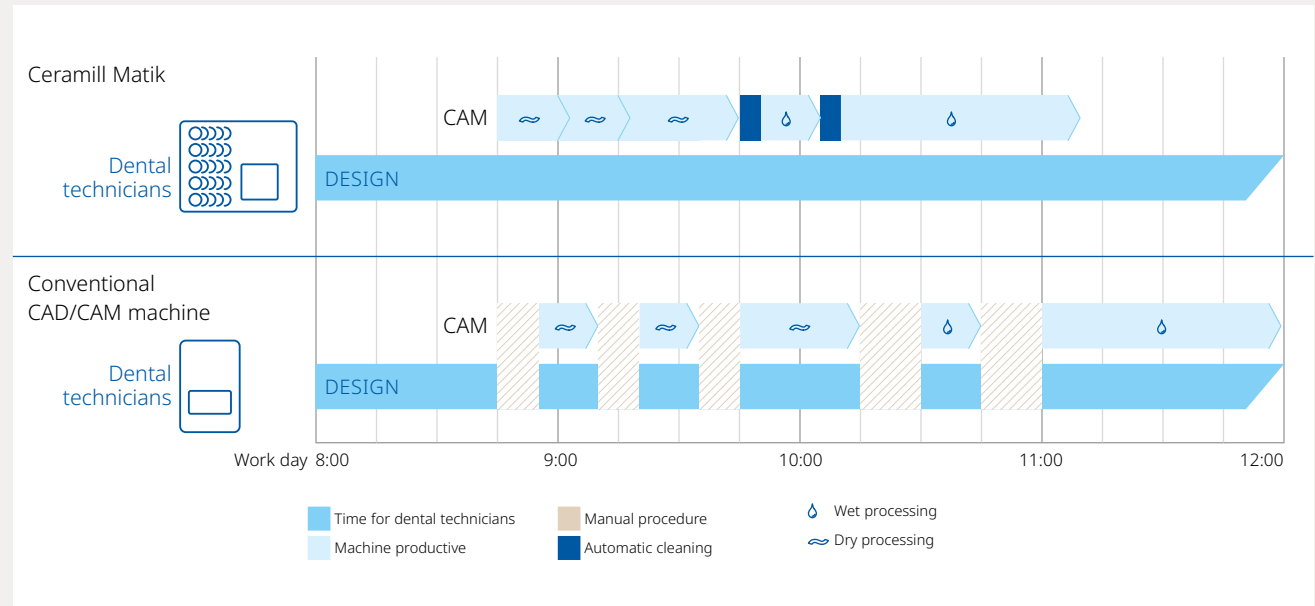
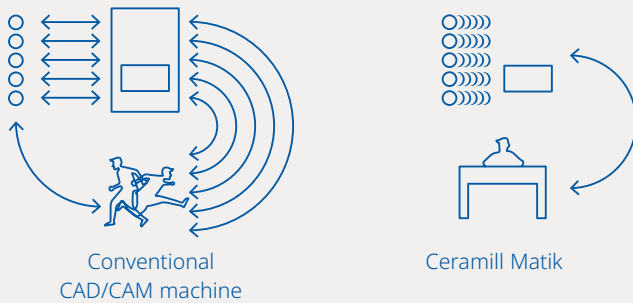
 <b>Grinding</b>	 <b>Milling</b>	 <b>Thrilling</b>	 <b>Speedlining</b>	 <b>Sculpturing</b>	<b>READY FOR TI</b>	 <b>RFID</b>	<b>READY FOR AG.LI WiE</b>
up to 60% Time savings when grinding							

# Ceramill Matik: Time is on your side

## With a full focus on the essentials.

The Ceramill Matik supports everyday laboratory routines with the complex administration of tools, materials and jobs, so that the user can focus on value-creating activities. As a result, the dental technician regains his/her role as the pacesetter in the digital manufacturing process – not the machine.

### LABORATORY WORKFLOW

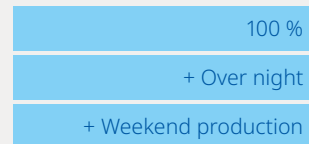


Productive working time:



Material changes, tool changes, cleaning processes and inventory management dictate the everyday routine of the dental technician.

Productive working time:



Full focus on the value-creating activities.



Alexander Wünsche CDT,  
Zahntechnique, USA



The Matik is a mind-blowing automatization for regular laboratories that allows the technician to concentrate on design again instead of feeding a milling machine. The self-cleaning functionality allows for smooth operation while milling different materials all day long, or even over the weekend, without needing to clean in between the milling cycles.

**INTEGRATED BLANK TANK = INTEGRATED MATERIAL MANAGEMENT**

The Ceramill Matik is a novelty on the market in the field of material management. All materials can already be read in at goods receiving or directly at the system and married to the intelligent holders. An electronically readable RFID chip in the holder allows all relevant material information to be read out at any time both inside and outside the machine. The user always has an overview of the materials used and the handling effort due to the variety of materials, heights and shapes is reduced significantly.

Here the Ceramill Matik offers an unprecedented capacity. Supported by autonomous changing and cleaning processes, process-safe milling processes overnight or at weekends no longer represent a problem.

In addition, finished jobs can be conveniently removed from the blank tank during the milling process. The user is informed of the current job status via colored LEDs on the slot.

**INTELLIGENT TOOL MANAGEMENT FOR AN ORGANIZED PORTFOLIO**

Ceramill Matik finally solves one of the last major problems in dental CAD/CAM manufacturing – the tool management. Never again do milling cutters have to be disposed of almost unused, because the material to which they belong and the current service life are unknown. Never again do tools have to be assigned manually in the software to ensure process safety.

The innovative Tool Management Solution brings intelligence to tool management – patent-pending. Together the milling cutter and the packaging form a unit that can be used directly, conveniently and without a defined location in the tool tray. Through the integration of a contactless readable RFID chip in the packaging, the tool data is read by the machine and the current status is stored on the tool unit after each operation.

**CLEANING IS THE KEY TO AUTOMATION**

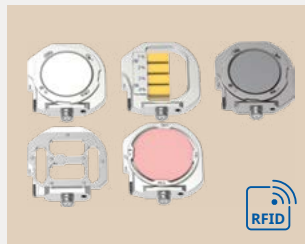
Only a completely thought-out cleaning concept can ensure sustained and efficient production. This is why the Ceramill Matik was designed from scratch to meet this requirement.

A durable special coating, lateral irrigation bars, 360° irrigation via the spindle rim and an overpressure chamber to protect the tools help to keep the milling station permanently clean. Supported by two powerful industrial pumps in the Ceramill Cleanstream with a total irrigation capacity of around 40 liters per minute, the milling chamber is irrigated autonomously and thoroughly. An automatic change process between the machining processes ensures significant time savings in handling and maximum production capacity without requiring any intervention.

The chip conveyor integrated in the Ceramill Cleanstream enables easy disposal of the chips and maximum capacity during continuous operation of the system by separating the solid particles in the irrigation medium.



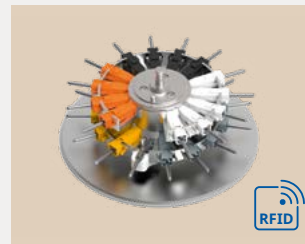
Intelligent holders with industrial zero-point clamping system and integrated RFID chip



Maximum material and indication spectrum due to exchangeable holders



Active dust-free storage in the machine due to clean room technology



Convenient tool trays with 26 tool slots each for easy loading and changing



Automatic waste separation in the chip conveyor



360° cleaning of the interior space

**10X DNA Control Unit - the control center**  
10-axis control for activating the mechanics

**10" Touchscreen - the operating element**  
Integrated and intuitive order management

**36x Blank tank - the material manager**  
RFID supported and optimized stock management in the blank tank

**Ceramill Cleanstream - the automation specialist**  
Integrated self-cleaning system with chip conveyor, coolant circuit and extraction system

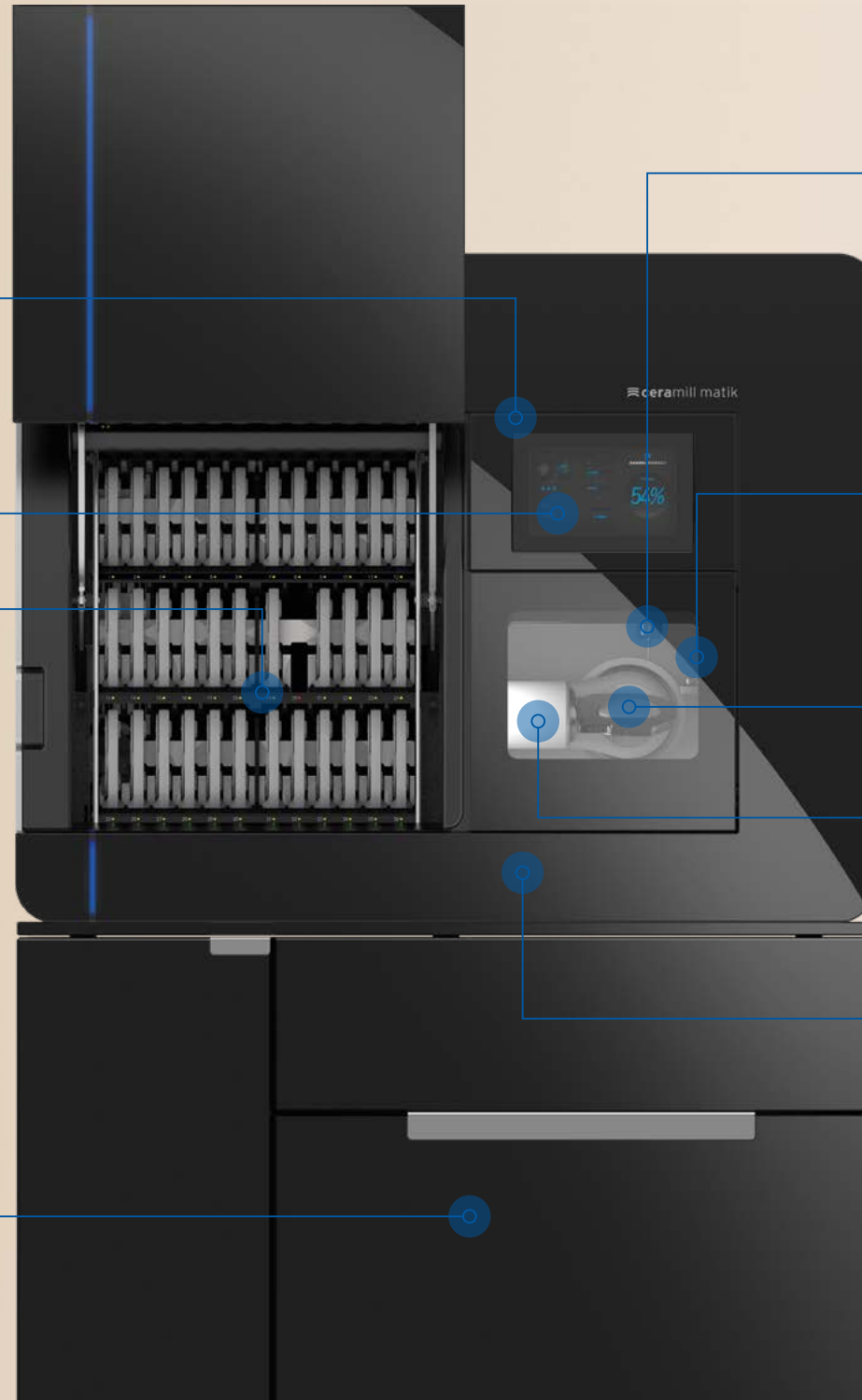
**100k Super high frequency spindle - the power pack**  
Hybrid bearing, high-performance super high frequency spindle (100,000 rpm)

**26x Tool stock - the tool manager**  
RFID supported, optimized tool management with exchangeable tool magazines

**5X Processing station - the milling unit**  
High quality, dynamic and stable 5X system

**Industrial zero-point clamping system - the clamping unit**  
Precise, stable and precisely repeatable zero-point clamping system

**Interior HD camera - full view**  
Camera for optimal support





Ceramill Motion 3 – time for the essentials.

# Digital Peace of Mind

With the Ceramill Motion 3, you will be adding the world's most intelligent hybrid machine to your laboratory. The 5-axis milling unit not only combines wet and dry processing in a single machine, but also enables an end-to-end digital workflow. On the one hand, this provides you with a maximum diversity of materials and indications. On the other hand, its digital features enable you to manage your laboratory infrastructure in an uncomplicated manner and to optimize it on an ongoing basis.

The Ceramill Motion 3 lets you focus on the essential value-creating activities. Guided workflows, from cleaning to maintenance, tool and holder management safeguarded against mix-ups, and semi-autonomous operation give today's dental technicians the freedom to devote themselves entirely to their profession instead of worrying about machine handling. With the integrated camera, our Support will assist you in remote mode to let you continue working as quickly as possible after interruptions due to irregularities in the milling process. In addition, the integrated RFID tools and holders also ensure maximum process reliability and enormously simplify the handling of tools and consumables. The automatic reminder function for maintenance, care and service cycles in addition provides for reliability and guarantees a long service life of the machine.

Owing to innovative sculpturing technology (C-Clamp), even the finest fissures can be milled in the anterior tooth surface in excellent quality. The innovative machining strategies for rotary milling, such as the Carving or Detailing Mode, round off the versatility of the system, which is also available as an upgradeable dry version. Self-service functions, guided CAD/CAM production and maintenance, an intuitive HMI, an integrated camera, automated tool and holder management, as well as auto-calibration further facilitate everyday laboratory work. The Ceramill Motion 3 is not merely another milling machine – it sets new standards in terms of convenience, quality, process reliability as well as time and resource efficiency. So that users can enjoy their digital peace of mind.



## The advantages at a glance

- ✓ Access the world's smartest 5-axis hybrid machine, anytime and anywhere
- ✓ Maximum user-friendliness and process reliability due to HMI and RFID technology
- ✓ Maximized service life through guided service workflows
- ✓ Fully automated dental arch restorations of the highest quality due to innovative carving and sculpturing technology (C-Clamp)



**AG.Live – the digital interface**

The gateway to the digital environment

**Direct user interface 10" – the digital communication unit**

Intuitive operation for maximum comfort

**Autocalibration – equals convenient quality assurance**

Automatic calibration for permanent highest restoration quality

**RFID tools and material holders – the resource manager**

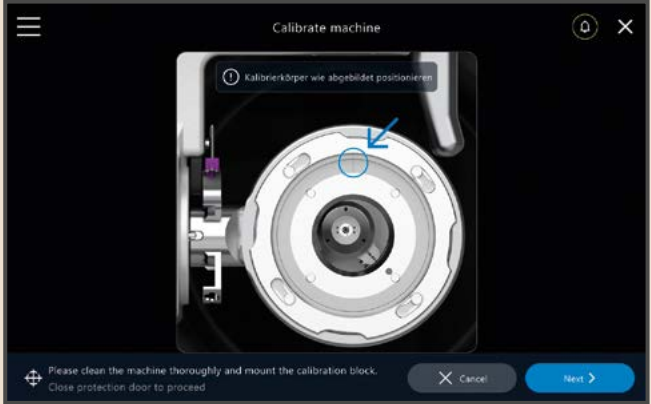
RFID for maximum process reliability and optimal management

**Interior HD camera – full view**

Camera for optimal support

**C-Clamp – the sculptor**

Maximum attention to detail also given in the peripheral area



Partially autonomous operation and guided service and maintenance workflows, production analysis, job status, troubleshooting

## Ceramill Motion 2

# The hybrid evergreen

When launched in 2012, the Ceramill Motion 2 5-axis milling unit redefined the industry standard in terms of technical capabilities, fabrication diversity and quality. As one of the first milling machines that could be used for both dry and wet fabrication, the Ceramill Motion 2 has always advanced in line with the requirements of its users.

Wet and dry processing in a single compact machine keeps the value creation chain almost completely in-house. Thanks to the innovative DNA control technology and the robust machine concept, the Ceramill Motion 2 is a future-proof guarantor for cost-effectiveness and precision. From its market launch to today, countless customers trust in its reliability. Worldwide, this generation of machines has thus clocked up over 10 million effective operating hours, making it the most successful upgradeable hybrid platform of all times.

This success story continues in 2022 with the fourth generation of the machine (Mark IV).

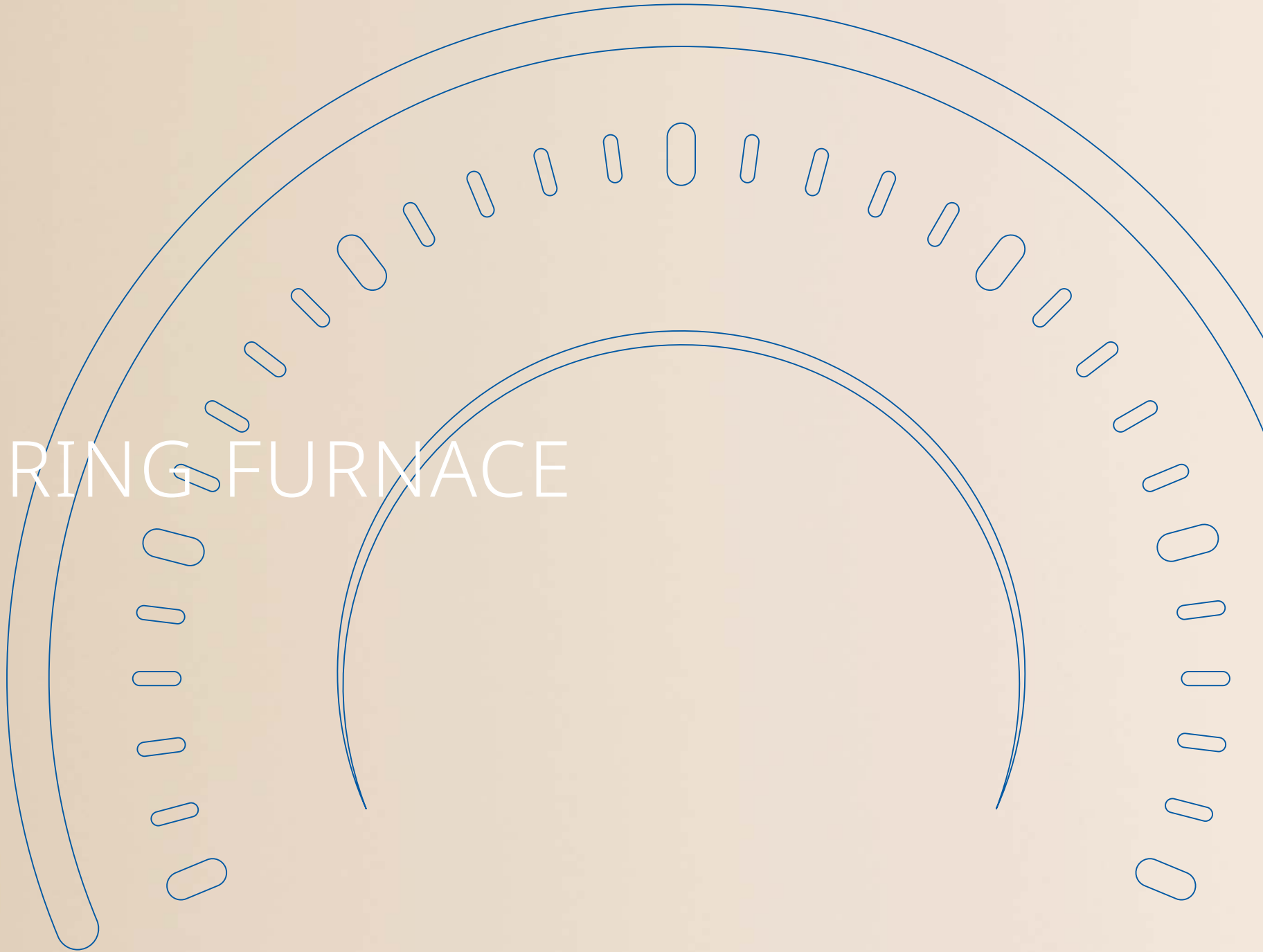
### The advantages at a glance

- ✓ Perfectly fitting results owing to high-performance DNA milling strategies – specifically developed for the processing of dental materials
- ✓ Maximum material and indication diversity
- ✓ Intelligent machine design ensures optimum protection of all electronic components during wet operation
- ✓ Future-proof due to continuous software updates with our Protection Plans





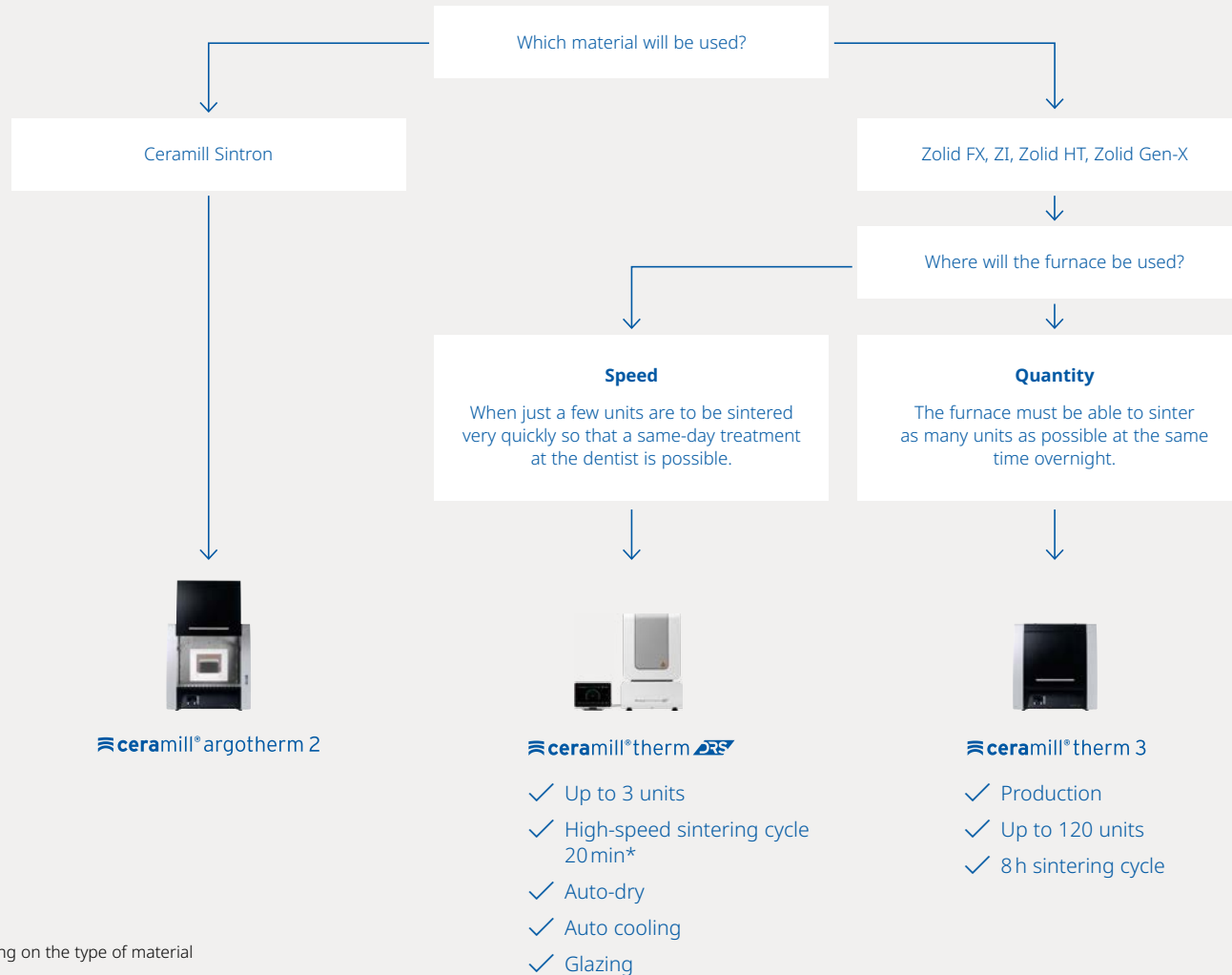
# SINTERING FURNACE



# Sintering furnaces for every application

Regardless of whether users want speed sintering or traditional sintering – Amann Girrbach offers a wide range of optimal sintering furnaces to satisfy individual needs and requirements.

## WHICH FURNACE IS RIGHT FOR ME?



\* Speed-sintering cycle may vary depending on the type of material

Ceramill Therm DRS:

# More flexibility when fabricating zirconia restorations

The new Ceramill Therm DRS super-speed sintering furnace allows the sintering of small zirconium oxide restorations in approx. 20 minutes. The intuitive operating concept offers the suitable sintering program for every indication and thus significantly increases comfort in everyday routine. Unlike conventional sintering furnaces, this furnace uses a high-performance heating element, which exceeds all expectations in terms of speed, flexibility and energy efficiency. In addition, the super-speed sintering furnace stands out from the crowd with its slim design and compact construction as well as combining the most important process steps in the fabrication of zirconium oxide restorations in a single unit: pre-drying, sintering and glazing. This makes the Ceramill Therm DRS the ideal addition and maximizes flexibility in everyday laboratory routines.

### The advantages at a glance

- ✓ Speed-sintering cycle of restorations with Zolid DRS in approx. 20 minutes without any relevant loss of esthetics and strength
- ✓ Innovative operating concept with individual sintering programs provides high comfort and safe work processes
- ✓ Ideally suited for the rapid provision of single-tooth restorations through perfect workflow integration



Multi-functional  
**< 1.600 °C**

High-Speed Sintering  
**~ 20 min**

Same Day Dentistry

READY FOR  
AG.LI<sup>®</sup>E

FEATURES	INDICATIONS	SINTERING PROGRAM	MATERIAL
High-Speed Sintering	Single-tooth crown	20 min.	zolid drs
	3-unit bridge	30 min.	zolid drs
	Single-tooth crown, 3-unit bridge*	60 min.	zolid gen-x
Speed sintering	Single-tooth crown, 3-unit bridge	120 min.	zolid fx
Multifunctional	Glazing, automatic drying, automatic cooling, free sintering of other materials		

\* Zolid Gen-X is also released for the Zolid DRS 20 or 30 minutes program. This may result in slight color deviations (lighter).



Special high-performance heating element allows sintering of single crowns in only 20 minutes without any loss of strength



Intuitive operation via the external touch display: pre-programmed for different indications but can also be freely programmed



3-in-1 pre-drying, sintering and glazing

Compact design for small footprint



Fully automatic high-performance furnace Ceramill Therm 3

# 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.

## The advantages at a glance

- ✓ 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



For optimum utilization of the furnace, the Ceramill Therm 3 features a large sintering chamber volume for 120 units, in which 3 sintering bowls can be stacked on top of each other. With the aid of the sintering tongs, the sintering bowls are transferred easily and safely into and out of the furnace.



CoCr sintering furnace Ceramill Argothem 2

# Shielding gas sinter furnace and flood chamber for Ceramill Sintron

The CoCr sintering furnace Ceramill Argothem 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 Argothem 2 controls the sinter programme of the milled CoCr units.

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

## The advantages at a glance

- ✓ 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



Restoration milled from Ceramill Sintron with and without polishing



Veneered and polished Ceramill Sintron restoration



# PRODUCTION / 3D PRINTING

## 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.



With the 3D printing solution for Ceramill, I can ideally expand my workflow to include this innovative production variant. In addition to the accustomed ease of operation, I am particularly fascinated by the precision and production speed of the system.



Julien Krämer MDT  
Krämer Dental, Germany



# 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.

## The advantages at a glance

- ✓ 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

During the course of system coordination, all process components such as 3D printer, accessories and post-processing were carefully coordinated with each other. Special attention was paid to the validation of the materials.

The multitude of printable materials and the associated broad spectrum of indications promises maximum flexibility and cost-effectiveness. Predefined and integrated process parameters ensure simple and safe handling as well as assured quality of the restorations. The entire production and post-processing procedure is designed intuitively and reduced to just a few steps in everyday laboratory routine – for maximum efficiency with minimum expenditure of time.


**NextDent Cast**



Crowns, bridges, partial dentures

**INTEGRATED**


**NextDent C&B MFH**



Crowns, bridges

**INTEGRATED**

**NextDent Model 2.0**



Models

**INTEGRATED**

**NextDent Try-In**



Mock-Up

**INTEGRATED**


**NextDent Denture 3D+**



Prosthetic bases

**INTEGRATED**


**NextDent Ortho IBT**



Indirect bonding trays

**VALIDATED**

**NextDent Ortho Rigid**



Bite splints

**VALIDATED**

**NextDent SG / Orange**



Drilling templates

**VALIDATED**


**NextDent Gingiva Mask**



Flexible gingiva masks

**VALIDATED**

**NextDent Tray**

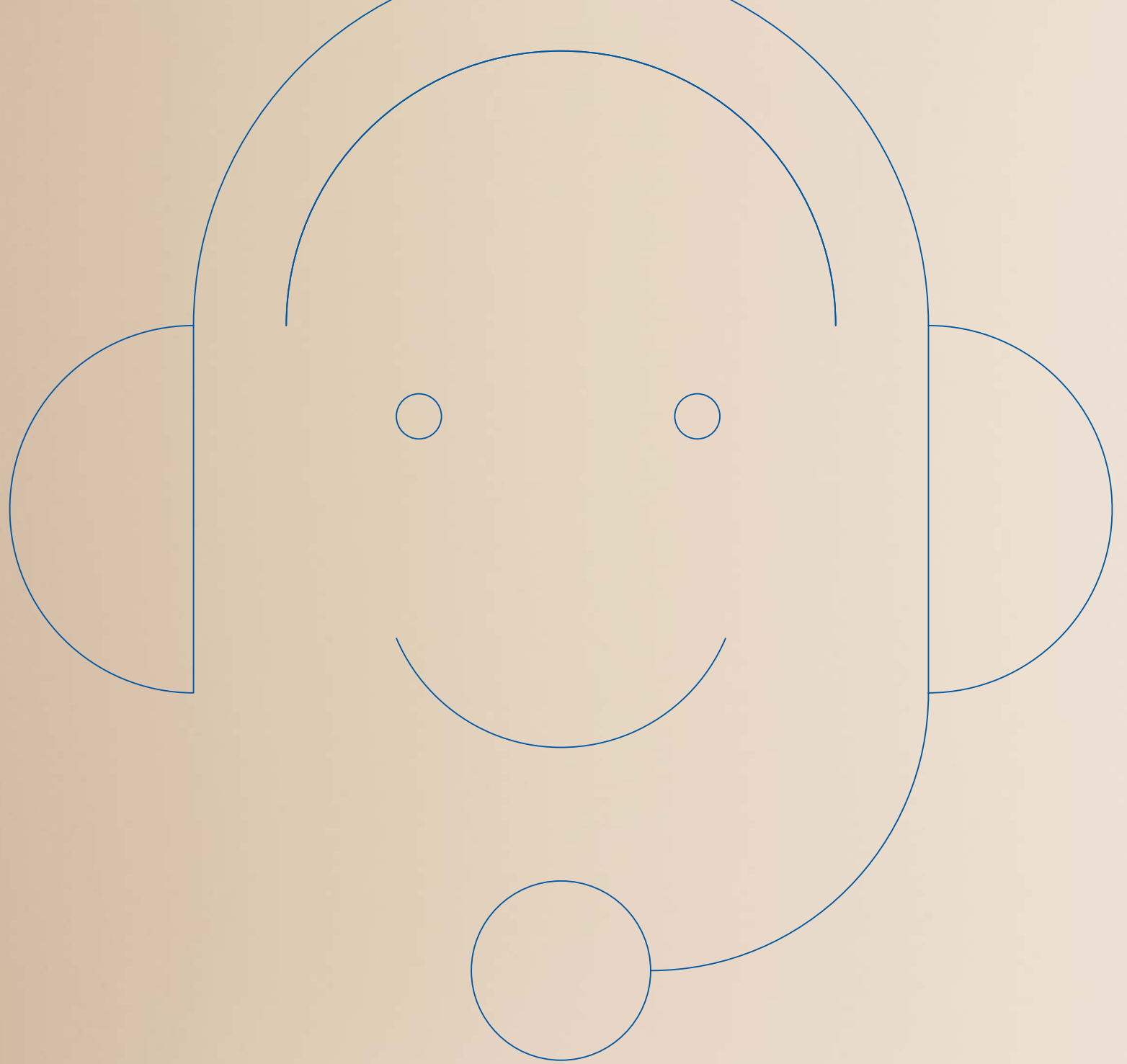


Individual trays

**VALIDATED**



SERVICE





## AG Academy

# Digital education at its best

Ongoing product innovations, frequent training events, and suggestions from our customers and partners led us to establish the AG Academy.






We will gradually expand our range of analog training courses with live and on-demand webinars, videos, and a host of additional specialist content so that we can supplement our product portfolio with a digital knowledge platform. An essential function of the AG Academy will be to close any interdisciplinary gaps using the learning content provided, renowned academic lecturers, trainers, and key opinion leaders from actual practice. In this way, AG Academy safeguards the worldwide availability and consistently high standards that are demanded by the Ceramill community.



### The advantages at a glance

- ✓ Top quality training courses worldwide
- ✓ Learn at any time of day, anywhere, and at your own pace
- ✓ Extensive, academically-supported CAD/CAM curriculum and training content that showcases the Ceramill process and dental workflows
- ✓ Renowned key opinion leaders in the industry, various cooperation partners and universities, as well as long-standing trainers from Amann Girrbach guarantee top-class, certified learning content
- ✓ Interdisciplinary full service, across all indications and workflows

### The scope of services of the AG Academy at a glance

 CAD/CAM Curriculum	 Live & on-demand webinars & training courses	 Video archive	 Blog	 Special events
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Information on the AG Academy  
[academy.amanngirrbach.com/en/](https://academy.amanngirrbach.com/en/)



Flexible, individual and as needed.

## Service in a class of its own

Be it for expert advice, customized solutions or flexible support when needed, Amann Girrbach's comprehensive services ensure an optimum workflow. And all this worldwide.

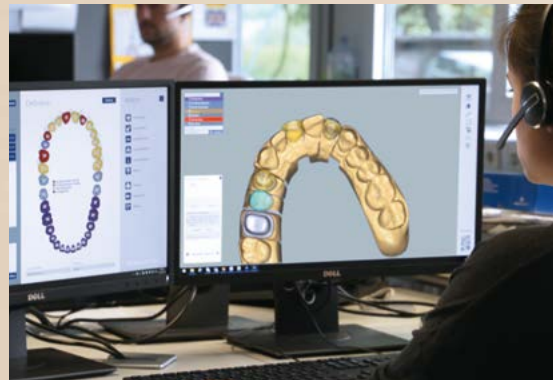
Whereby the individual needs and requirements of customers have top priority. Service packages can therefore be configured at Amann Girrbach entirely according to requirements: by applying the mix and match principle, individual modules from the areas of software, helpdesk, maintenance, parts and repair can be put together to form a precisely customized overall package. The software licenses can be rented or purchased as preferred. A further service highlight are the helpdesk support flat contracts, which are applicable to all Amann Girrbach machines. This guarantees a smooth workflow across the entire work process and ensures maximum efficiency.

Anyone wishing to outsource restorations can also count on Amann Girrbach here: in the company's own Ceramill M-Center, experienced dental technicians fabricate contract work to the highest standards. By being connected to AG.Live, customers benefit from automated order management, short delivery times and a direct price overview.

Yet another service highlight is the wide range of service and technical training courses that Amann Girrbach offers its dealers worldwide.



AG.Academy: course at the training center, online training courses. Course in the laboratory/ in the practice, further training at events



Ceramill Helpdesk: provides support from commissioning to case-related problem solving



Technical Service for repairs

Modular packages for the reliable use of your machines.

# Service packages



## MAINTENANCE

### Scope of the Performance Plan MAINTENANCE

- ✓ Annual proactive maintenance
- ✓ Free replacement of defined wear parts



## REPAIR

### Scope of the Performance Plan REPAIR

- ✓ Free replacement of all spare parts that are not defined as "wear parts"

The Performance Plan REPAIR gives you an optional choice of whether you want to enjoy the benefits of a repair contract for an additional 12 or 24 months after expiry of the initial machine warranty. In the event of a hardware failure, you will therefore not incur any additional costs.



## HELPDESK

### Scope of the Performance Plan HELPDESK\*

- ✓ Helpdesk support flat
- ✓ Support and advice on questions concerning the workflow and use of the system, scanning strategies or design, one of our products exhibit a fault or defect

\* We offer the HELPDESK performance plan only in direct customer business.

Create your individual service package that supports you in the performance of your workflow

		SELECTION OF SERVICE PACKAGES			
		ceramill® motion EXPERT	ceramill® matik EXPERT	ceramill® motion MASTER	ceramill® matik MASTER
Performance Plan Software	EXPERT	✓	✓		
	MASTER			✓	✓
Performance Plan Hardware	MAINTENANCE	✓	✓	✓	✓
	REPAIR			✓	✓
Performance Plan Helpdesk	EXPERT	✓	✓		
	MASTER			✓	✓



**AMANNGIRRBACH**

**DENTISTRY UNIFIED**

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