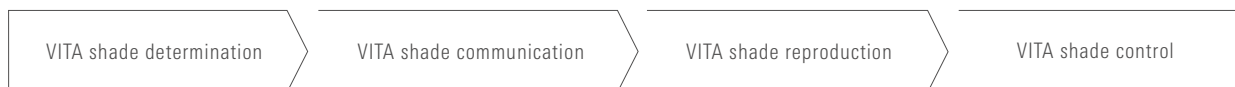
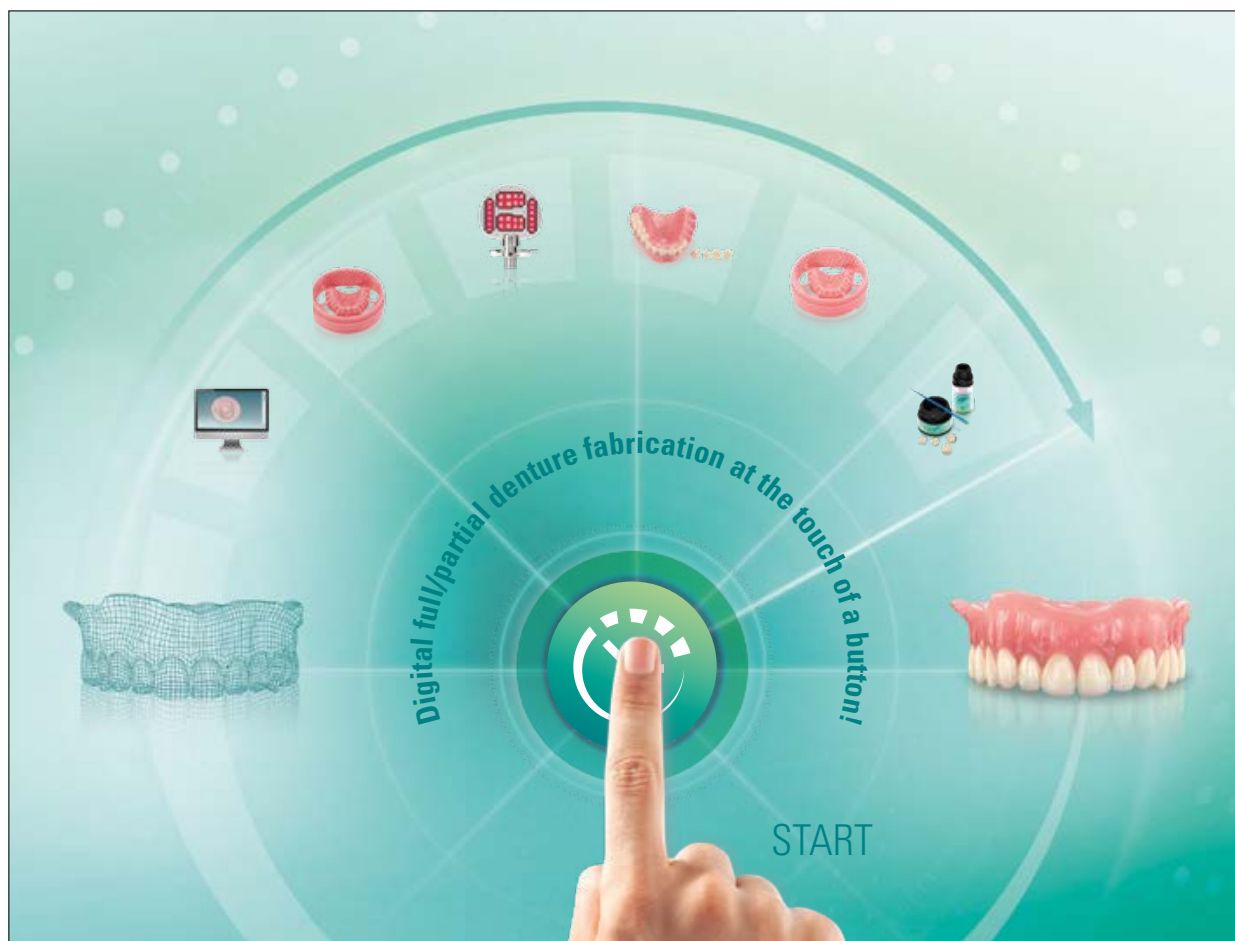


VITA VIONIC® FRAME

The tooth frame solution for digital denture fabrication using Ceramill® FDS



Date of issue: 2023-02

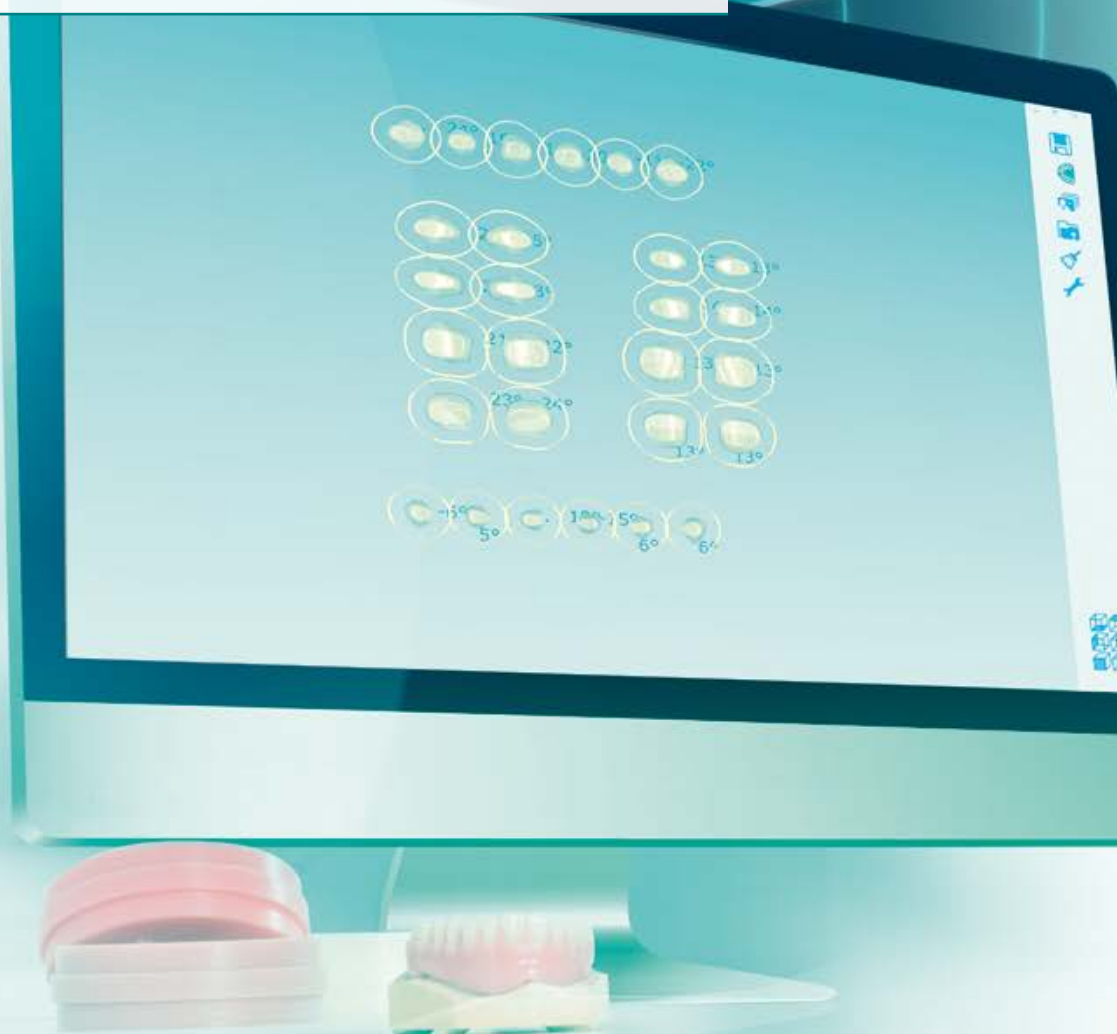


VITA – perfect match.

VITA

CONCEPT AND BENEFITS

VITA VIONIC® FRAME is the tooth frame solution for time-saving, digital denture fabrication. In addition, VITA VIONIC offers a comprehensive material system for every step of production.





VITA VIONIC® FRAME

START



What?

- The VITA VIONIC material system enables the efficient and safe fabrication of dentures using tooth frames, fastening solutions and other components at the push of a button

What for?

- For the digital reconstruction of full/partial dentures, according to various prosthetic concepts, and taking the Angle bite classes into account

With what?

The VITA VIONIC SOLUTIONS material system includes:

- Wax discs for the fabrication of wax try-ins
- PMMA discs for the fabrication of final denture bases
- Tooth frame solutions for CAM tooth modification
- Bonding solution for fixing prosthetic teeth in the base

1 SCAN/CAD DESIGN

2 CAM/PRINT WAX BASE

3 CAM DENTURE TEETH

4 WAX SETUP

5 CAM/PRINT DENTURE BASE

6 BONDING/FINISHING

TIME SAVINGS OF 79%

FINISHED



THE ADVANTAGES



Patient-specific design
at the touch of a button

At the touch a of a button

- Patient-specific denture design at the touch of a button

Simple finishing

- Simple fabrication of full/partial prostheses, thanks to the easy-to-use bonding system

Process secure

- Process-secure denture manufacture, thanks to the coordinated material system



Simple finishing
thanks to the easy-to-use bonding system



Process-secure fabrication
through the coordinated
material system

OVERVIEW OF ALL SOLUTIONS



CAM DENTURE TEETH

3



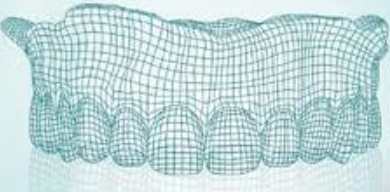
CAM/PRINT WAX BASE

2



1

SCAN/CAD DESIGN



START

WAX SETUP

4



CAM/PRINT DENTURE BASE

5



BONDING/FINISHING

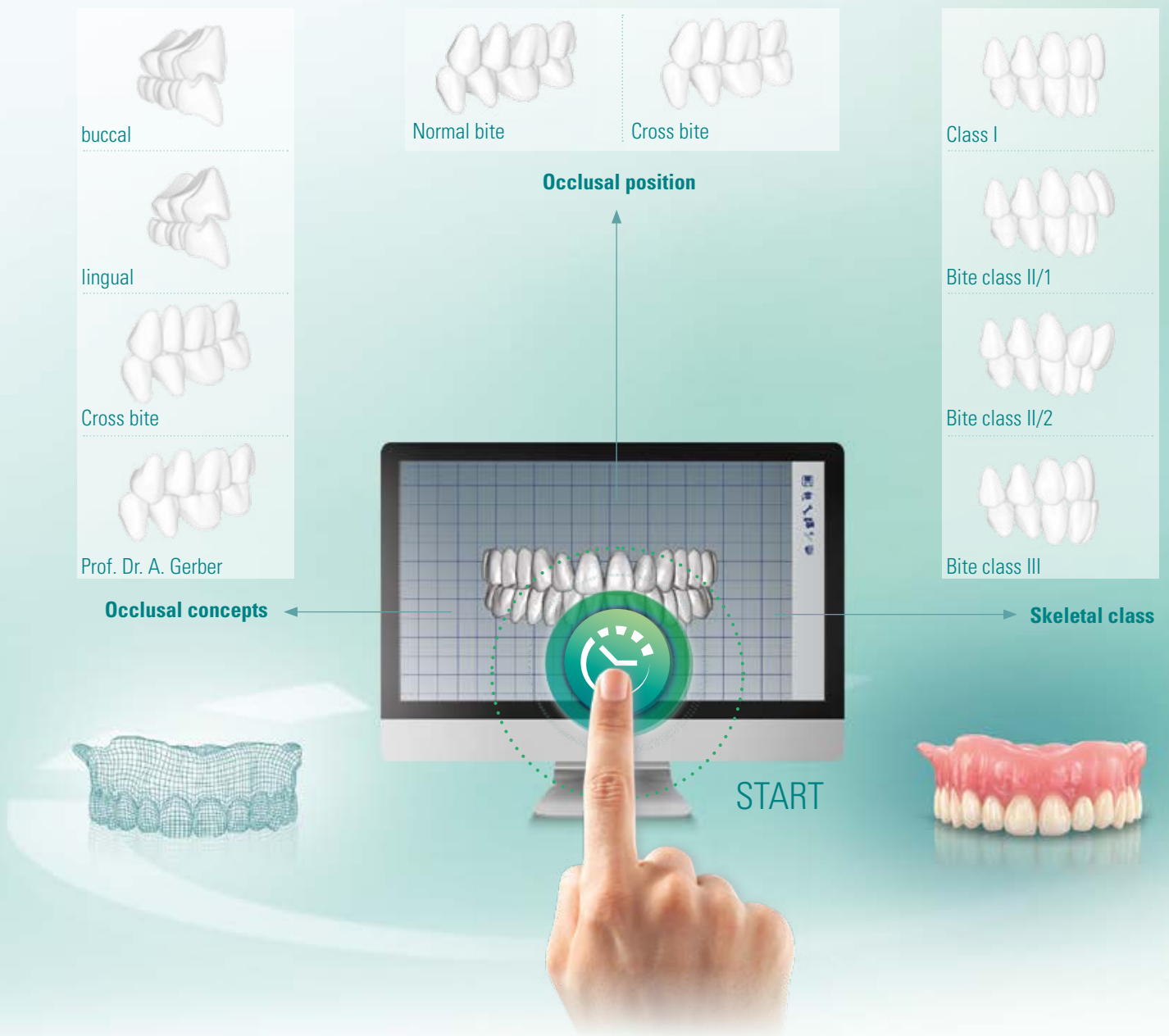
6



FINISHED



CAD DESIGN FOR VITA VIONIC® DENTURES



What?

- CAD software with VITA-specific, coordinated design options

Benefits?

Simple, patient-specific reconstruction of the function ...

- By using the setup concepts: buccal, lingual and crossbite, and according to Prof. Dr. A. Gerber
- Through the incorporation of all Angle bite classes
- Through the integrated occlusal positions (normal/cross bite)

What for?

- For the digital, patient-specific denture setup at the touch of a button

CAM WAX BASE WITH VITA VIONIC® WAX



What?

- Wax discs for the fabrication of wax setups

Benefits?

- **Precise wax setup**
thanks to precisely milled moulds, based on the digital construction
- **Easy opportunity for correction**
since the wax setup can be modified during the try-in
- **Comfortable wax try-in**
thanks to fabrication of complete CAD/CAM denture out of white wax

What for?

- For the wax setup and try-in

CAM DENTURE TEETH WITH VITA VIONIC® FRAME



What?

- VITAPAN EXCELL DD FRAME tooth frame (anterior)
- VITAPAN LINGOFORM DD FRAME tooth frame (posterior)

Benefits?

- **Efficient production of full/partial dentures**
using basal tooth modification at the touch of a button, similar to the prosthetic design process
- **Simple, digital reconstruction of function**
individually, according to various concepts, and taking the Angle bite classes into account
- **Process-secure, fully digital CAD/CAM fabrication**
through a coordinated bonding solution to fix denture teeth

What for?

- For the production of full/partial dentures using the VITA VIONIC system solution

CAM DENTURE BASE VITA VIONIC® BASE



What?

- PMMA disc for the fabrication of final denture bases

Benefits?

- **Efficient base fabrication**
thanks to CAD/CAM processing without manual flasking and moulding
- **Easily reproduced**
the system enables the reproduction of the base with the click of a mouse
- **Excellent fit to the alveolar ridge**
due to CAD/CAM technical fabrication of the base without a polymerization step

What for?

- For the CAD/CAM fabrication of the denture base

BONDING WITH VITA VIONIC® BOND



What?

- Bonding solution for fixing denture teeth in VITA VIONIC base

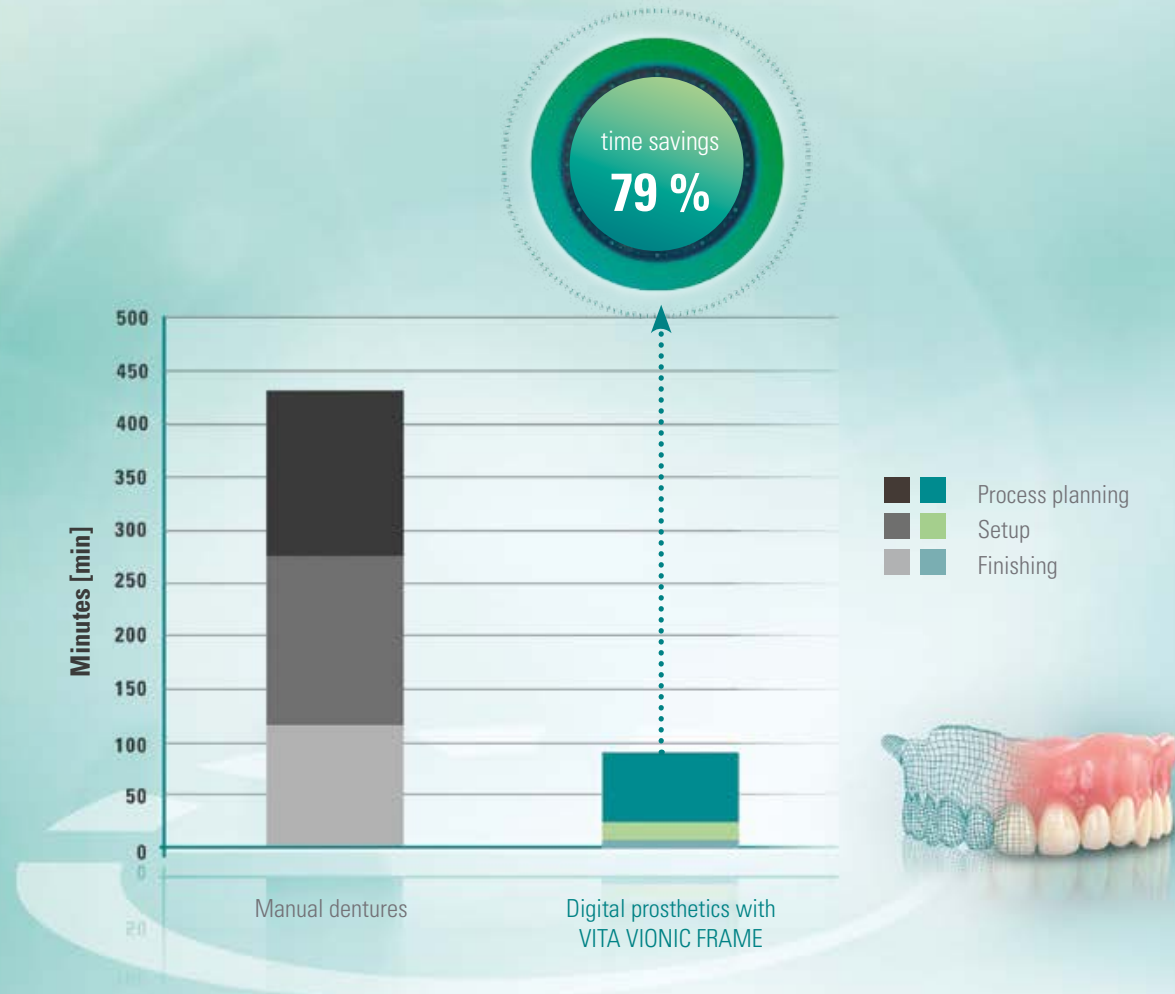
Benefits?

- **Efficient adhesive bonding of the denture teeth** without complex hot / cold polymerization processes
- **Precise, seamless fixation of the teeth in the cavity** using a low-viscosity, self-curing bonding system
- **Secure bond of denture teeth to the base** thanks to bonding solution tailored to the material

What for?

- For the final bonding of VITA teeth in a milled denture base

VITA VIONIC®: THE SYSTEM SOLUTION FOR IDEAL PRODUCTIVITY



Time required by dental technician for the production of 28-piece full denture in comparison [min]

Source: Internal study by VITA product management, times given based on the calculated average values of the effective time required by the dental technician, report: 12/2016, ([1], see reverse of brochure)

Time saved?

- In comparison to manual production, a time savings of up to 79% can be achieved with CAD/CAM denture fabrication (set of 28) with VITA VIONIC FRAME.

SYSTEM COMPATIBILITY

Technology partners for VITA VIONIC® FRAME

- **Company:** Amann Girrbach AG
- **CAD software:** Ceramill D-flow software module
- **CAM hardware:** Ceramill Motion 2 (5X) incl. Coolstream, Ceramill® Matik
- **Scanner:** Ceramill Map 300/400

VITA VIONIC FRAME, VITA VIONIC WAX and VITA VIONIC BASE are available for:

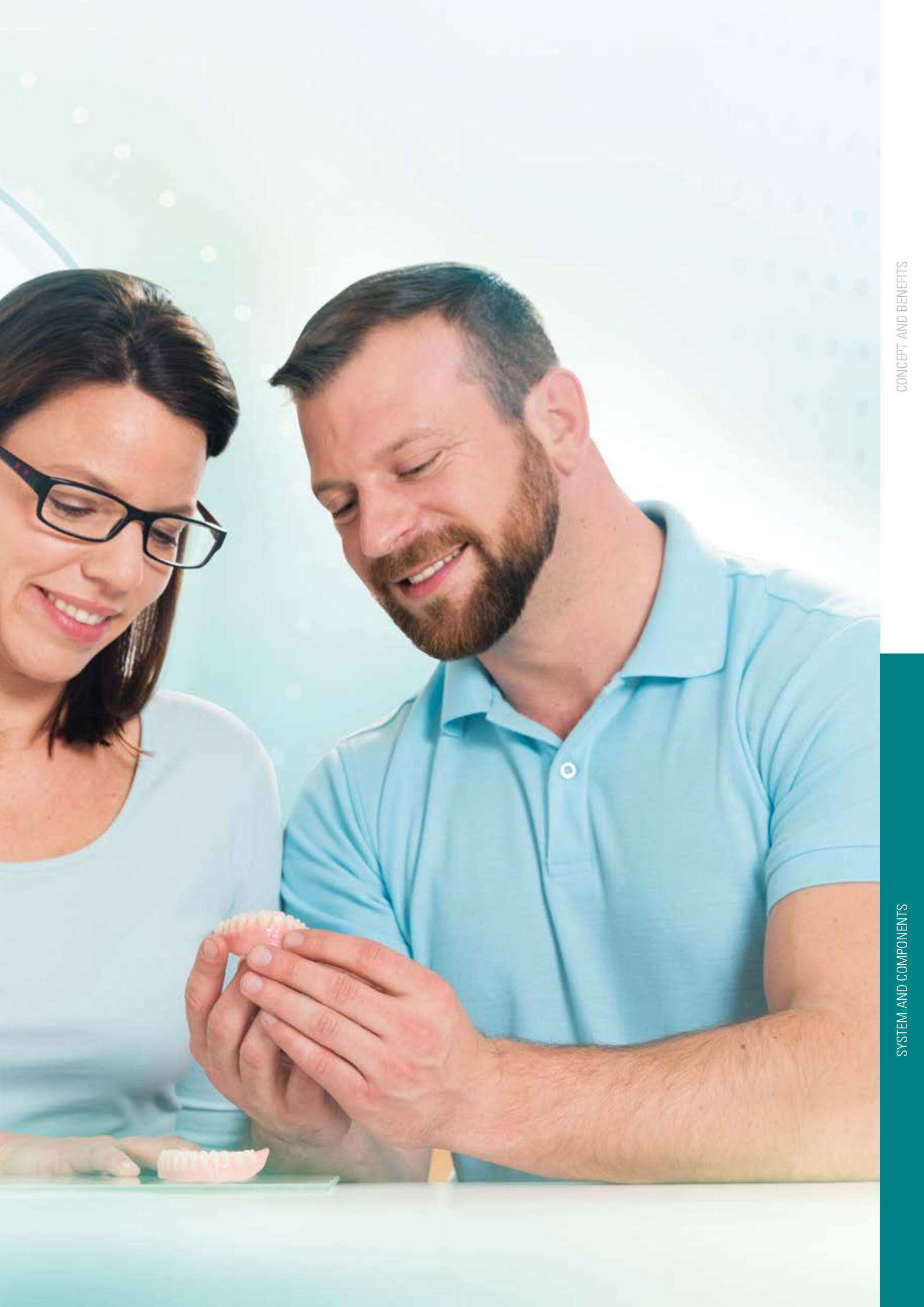
- Ceramill Motion 2 (Amann Girrbach AG)
- Ceramill® Matik (Amann Girrbach AG)

Note: An up-to-date and complete overview of the technology partners, incl. information on the validation of these partners can be found at: www.vita-zahnfabrik.com/vionicvigo



SYSTEM AND COMPONENTS

VITA VIONIC® SOLUTIONS is a system made of coordinated components for efficient CAD/CAM denture production. You can find an overview of all solutions [here](#).



COMPONENTS AND APPLICATION FORMS



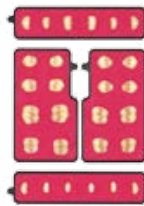
VITA VIONIC FRAME

VITA denture teeth in tooth frame

- VITAPAN EXCELL DD FRAME (anterior)
- VITAPAN LINGOFORM DD FRAME (posterior)

VITA classical A1 – D4® shades:

- A1
- A2
- A3
- A3.5
- B3
- D3



- 9 x upper anteriors tooth moulds
- 4 x lower anteriors tooth moulds
- 4 x upper posteriors tooth moulds
- 4 x lower posteriors tooth moulds


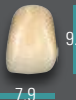
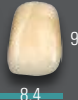










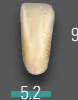
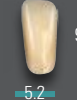
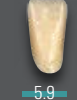
VITA VIONIC BOND





MMA-based self-curing, two-component bonding system.





- VITA VIONIC BOND I, jar, 2 ml
- VITA VIONIC BOND II, vial, 1 ml
- Microbrush, 3 pcs.



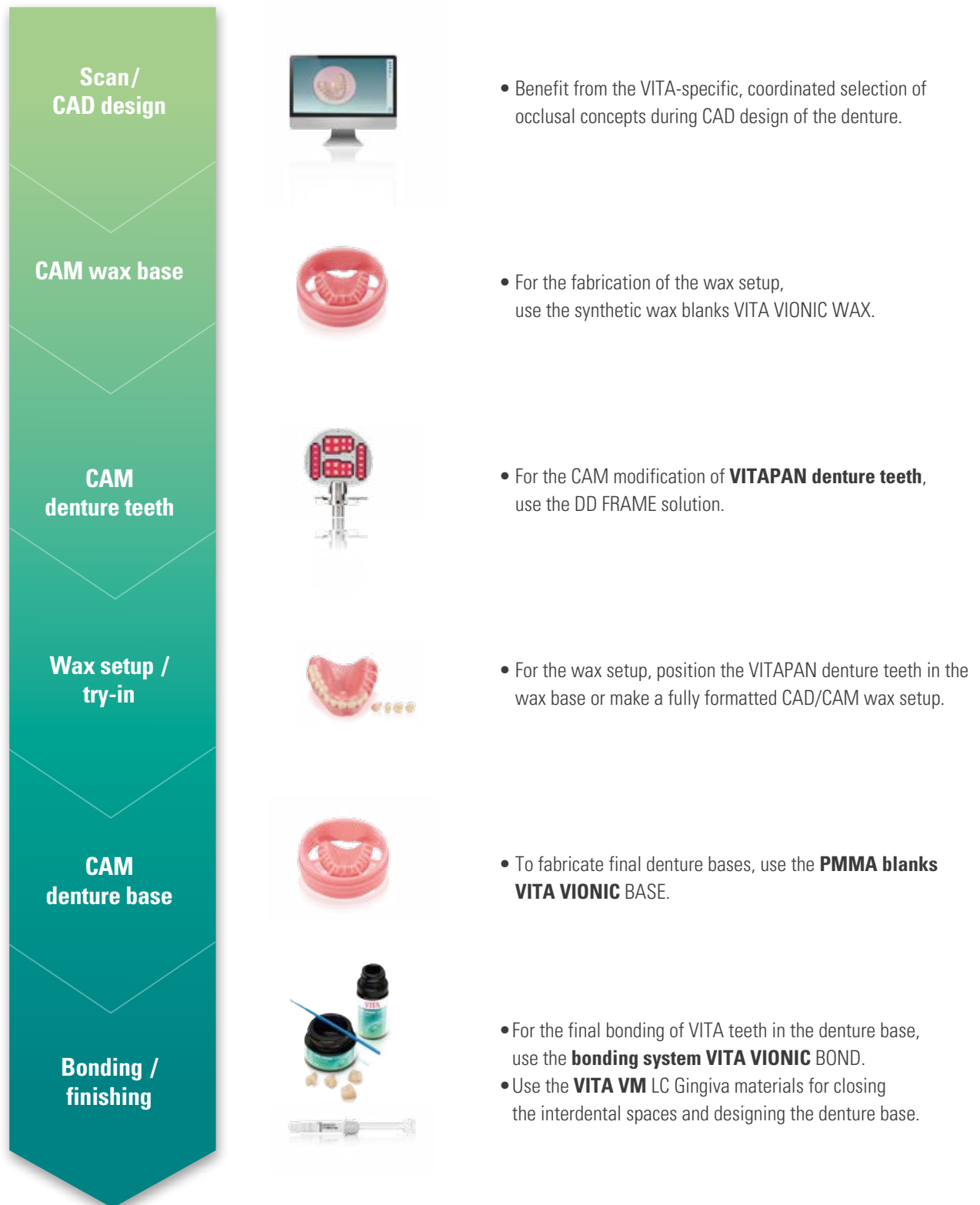
OVERVIEW OF SHAPES

Upper Anteriors VITAPAN EXCELL® DD FRAME										
 ovoid	043	045	049							
										
	9.1 7.9	9.7 8.4	10.9 9.0							
 triangular	T44	T46	T48	T50						
										
	9.9 8.1	10.4 8.2	11.3 8.8	11.6 9.2						
 rectangular	R45	R47								
										
	9.9 8.2	11.2 8.6								
Lower Anteriors VITAPAN EXCELL® DD FRAME										
	L33	L35	L37	L39						
										
	8.6 5.0	9.0 5.2	9.4 5.2	9.8 5.9						

Posterior VITAPAN® LINGOFORM DD FRAME										
	21L	22L	23L	24L						
										
	9.6 10.0	10.0 10.2	10.9 10.8	11.0 11.2						

VITAPAN® EXCELL Anterior	UJ / No.  mm	043	045	049	T44	T46	T48	T50	R45	R47
	LJ / No.  mm	L33	L35	L39	L33	L35	L37	L39	L35	L37
VITAPAN® LINGOFORM Posterior	UJ / No.  mm	21L	22L	23L	21L	22L	22L	24L	22L	22L
	LJ / No.  mm	21L	22L	23L	21L	22L	22L	24L	22L	22L
		43.1	45.1	49.1	44.1	46.2	48.1	50.0	45.4	47.0
		33.2	35.3	39.0	33.2	35.3	37.3	39.0	35.3	37.3
		30.1	31.6	34.2	30.1	31.6	31.6	35.8	31.6	31.6
		30.7	32.1	34.8	30.7	32.1	32.1	36.4	32.1	32.1

IDEAL SOLUTIONS FOR THE DIGITAL FABRICATION OF PROSTHETICS



WE ARE HAPPY TO HELP

› More information about the products and processing is also available at www.vita-zahnfabrik.com

☎ **Hotline Sales Support**

Ms. Carmen Holsten and her team in the Internal Sales Department will be glad to assist you with orders or questions about delivery, product data and marketing materials.

▶ **Phone +49 (0) 7761 / 56 28 84**
Fax +49 (0) 7761 / 56 22 99
8:00 a.m. to 5 p.m. CET
E-mail: info@vita-zahnfabrik.com

☎ **Technical Hotline**

If you have technical questions concerning VITA DENTURE SOLUTIONS, you can contact Dr. Michael Tholey and his technical service team.

▶ **Phone +49 (0) 7761 / 56 22 22**
Fax +49 (0) 7761 / 56 24 46
8:00 a.m. to 5 p.m. CET
E-mail: info@vita-zahnfabrik.com

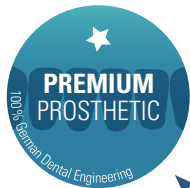
› Additional international contact information can be found at www.vita-zahnfabrik.com/contacts



VITA PROSTHETIC SOLUTIONS –

For ideal dental prosthetics: natural, reliable, rich in variation.

Vivid play of shape and shade for natural results.



Ideal variety of shades and moulds for all cases.



Solid, standard dentures with excellent cost efficiency.



› **Efficient CAD/CAM dentures for greater productivity.**

Increasing productivity with digital technology

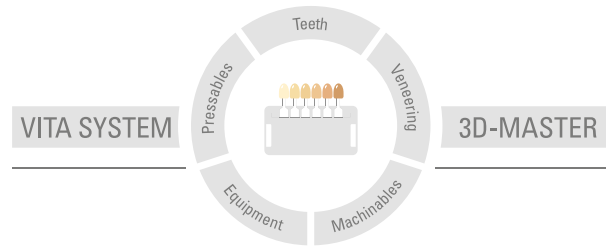
VITA DIGITAL PROSTHETICS unifies innovation, efficiency and precision with custom-fit, coordinated digital tooth and material solutions for full and partial dentures.

More information about VITA VIONIC FRAME
is available at: www.vita-zahnfabrik.com/prosthetics

References

1. Internal study:

VITA product management:
VITA Zahnfabrik H. Rauter GmbH & Co. KG
Sales Division
Spitalgasse 3, 79713 Bad Säckingen, Germany
Claus Pukropp, Head of Technical Marketing, Bad Säckingen
Report: 12/2016



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After the publication of this information for use any previous versions become obsolete. The current version can be found at www.vita-zahnfabrik.com

VITA Zahnfabrik has been certified and the following products bear the CE mark:

CE 0124

**VITAPAN EXCELL® DD FRAME, VITAPAN® LINGOFORM DD FRAME,
VITA VIONIC® BOND**

The company GDF Gesellschaft für dentale Forschung und Innovationen GmbH is certified in accordance with the Medical Device Directive and the following product bears the CE mark:

CE 0297

VITA VIONIC® BASE

VITA Zahnfabrik is certified and the following products bear the mark:

CE

VITA VIONIC® WAX

Rx only

Ceramill® Motion is a registered trademark of Amann Girrbach AG. Other products/ systems of other manufacturers mentioned in this document are registered trademarks of the respective manufacturers.

MD

VITA

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