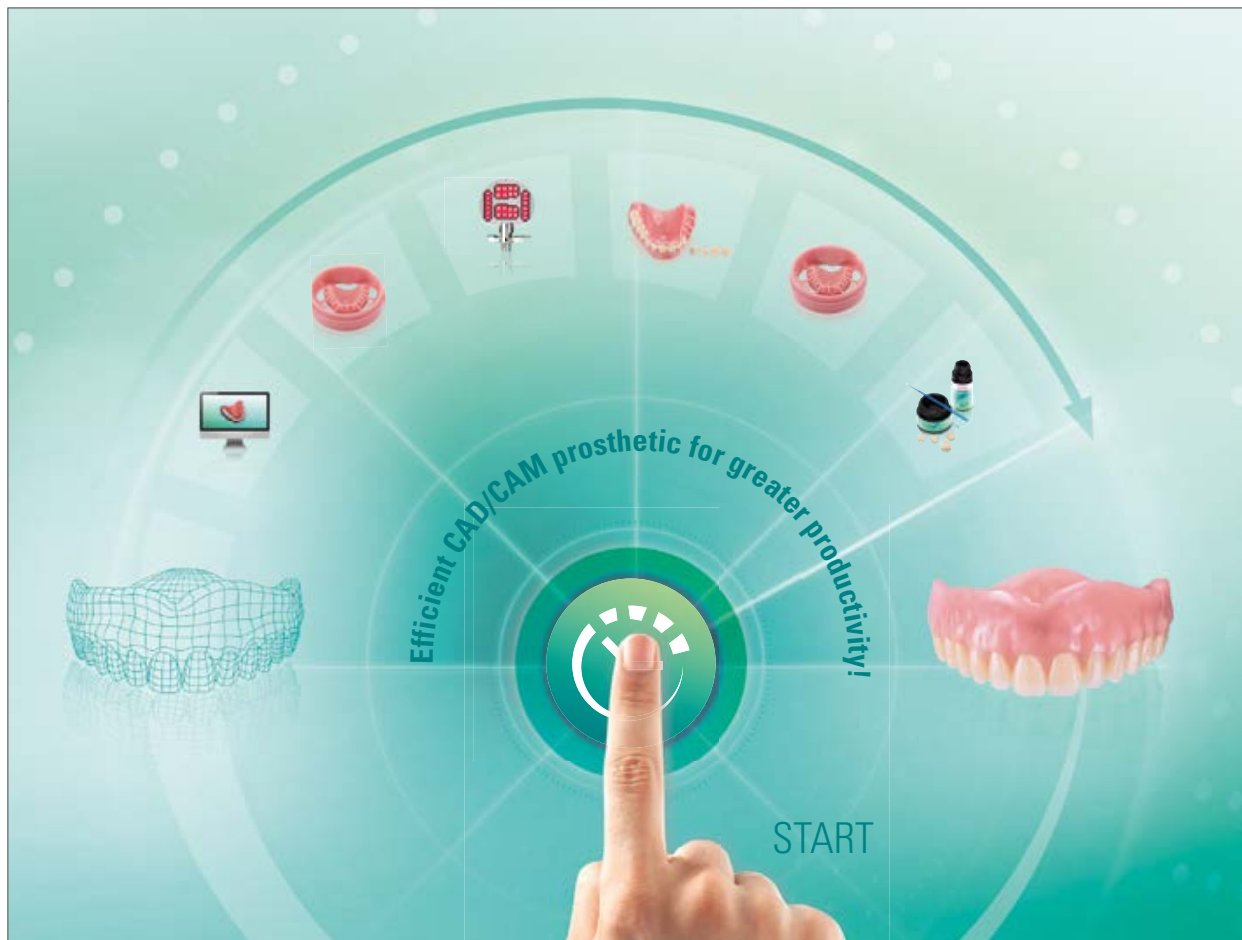


VITA VIONIC® SOLUTIONS

For digital prosthetics with Ceramill® FDS



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue: 12.17

VITA – perfect match.

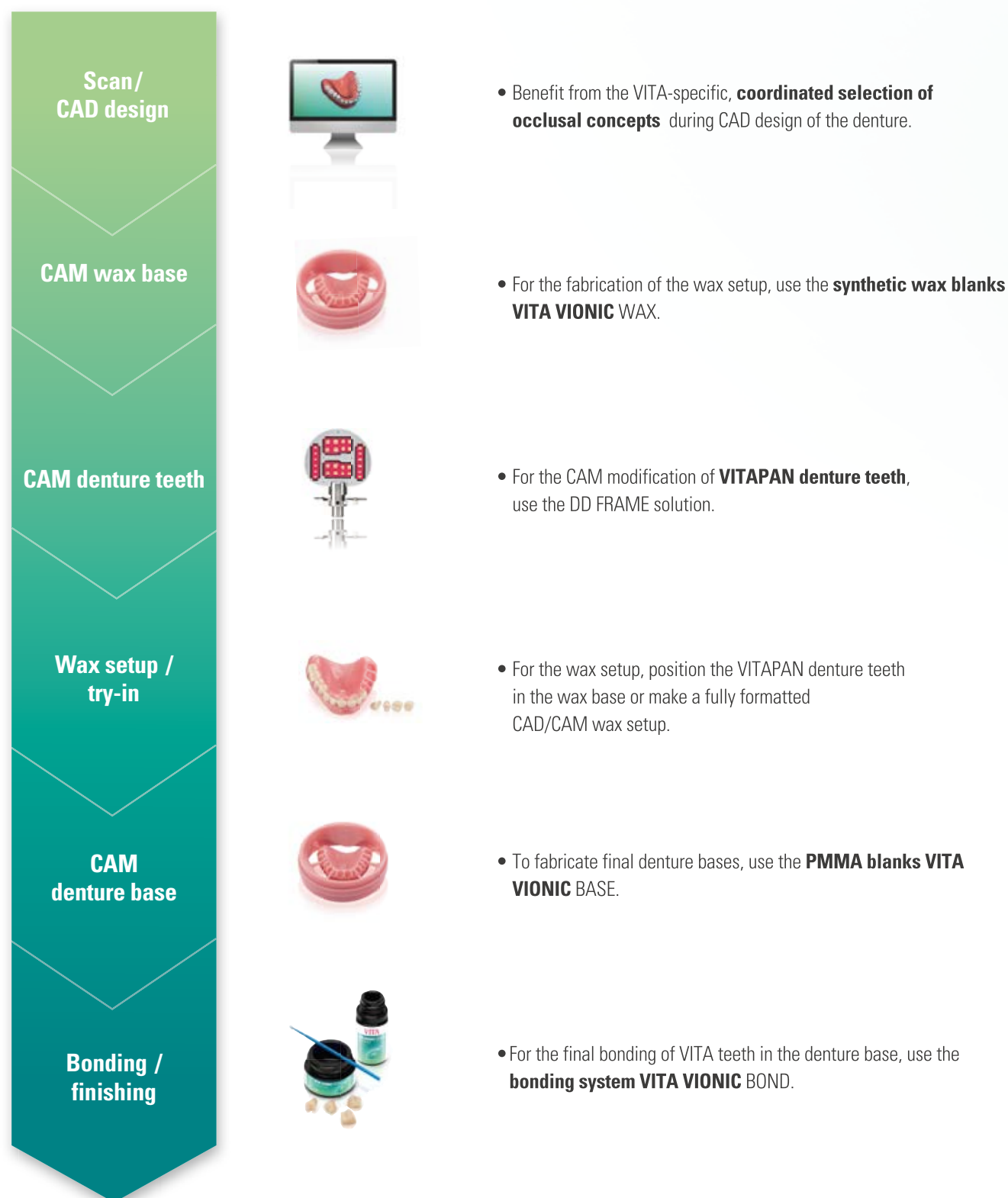
VITA

CONCEPT AND BENEFITS

VITA VIONIC® SOLUTIONS is a material system for every process step of CAD/CAM denture production. VITA VIONIC allows for time-saving, digital fabrication of dentures on an individual patient basis.



BEST SOLUTIONS FOR THE DIGITAL FABRICATION OF DENTURES



WE WILL BE GLAD TO HELP

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



Hotline Sales Support

Mr. Udo Wolfner and his team (Internal Sales Department) will be glad to assist you with orders or questions about the 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 PROSTHETIC SOLUTIONS, you can contact our technical specialists Mr. Ralf Mehlin or Mr. Daniel Schneider.

› **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





START



What?

- VITA VIONIC is a coordinated material system for process-reliable CAD/CAM denture fabrication at the touch of a button

What for?

- For the simple, digital reconstruction of function – individual to the patient according to various concepts of occlusion, and taking the skeletal classes into account

With what?

The VITA VIONIC material system includes:

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

1 SCAN/CAD DESIGN

2 CAM WAX BASE

3 CAM DENTURE TEETH

4 WAX SETUP

5 CAM DENTURE BASE

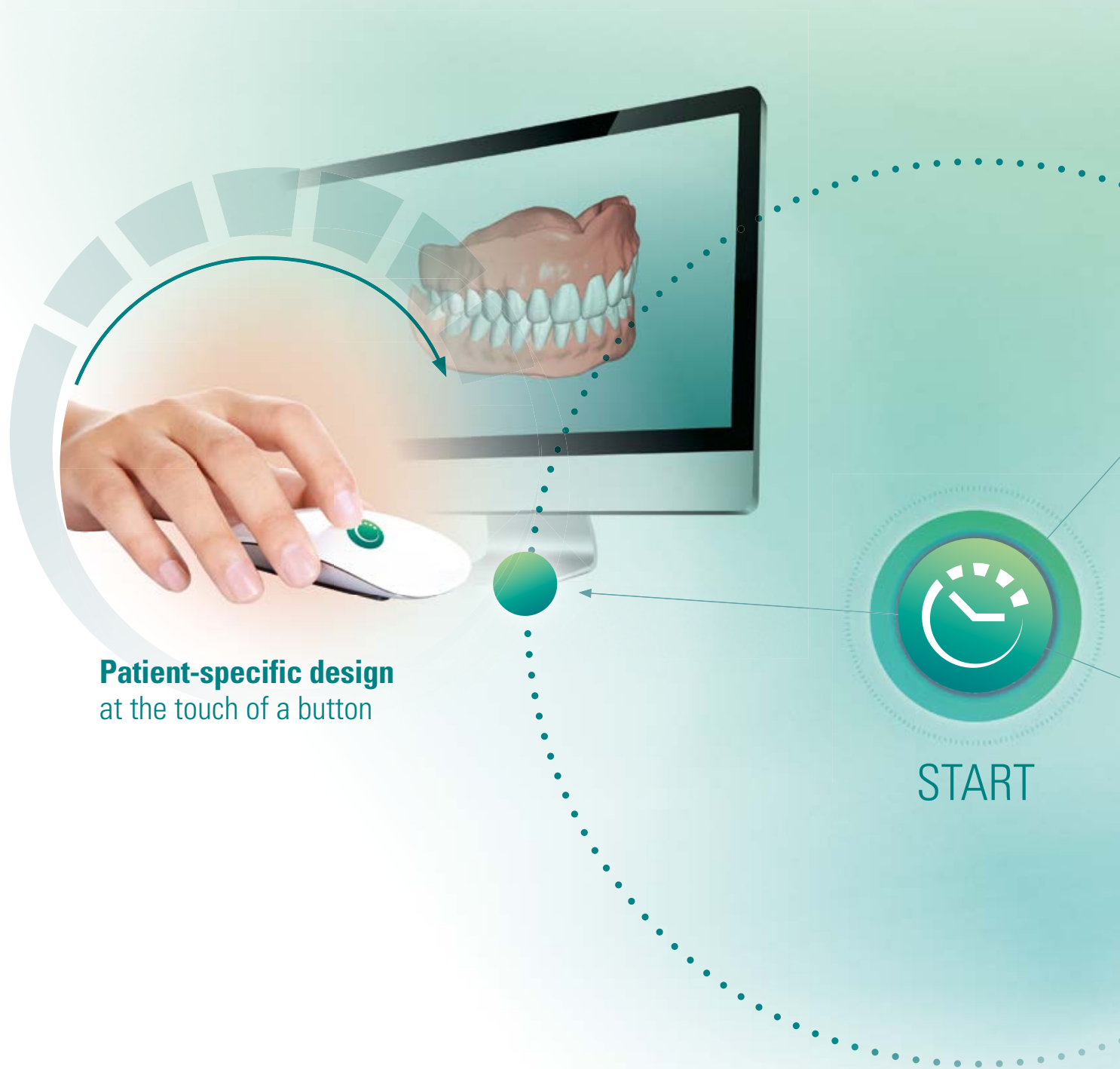
6 BONDING

SAVES TIME 19%

FINISHED



THE BENEFITS



At the touch a of a button

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

Simple finishing

- Simple fabrication of dentures thanks to the easy-to-use bonding system

Process secure

- Process-secure denture fabrication 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 WAX BASE

2



1

SCAN/CAD DESIGN



START



WAX SETUP

4



CAM DENTURE BASE

5



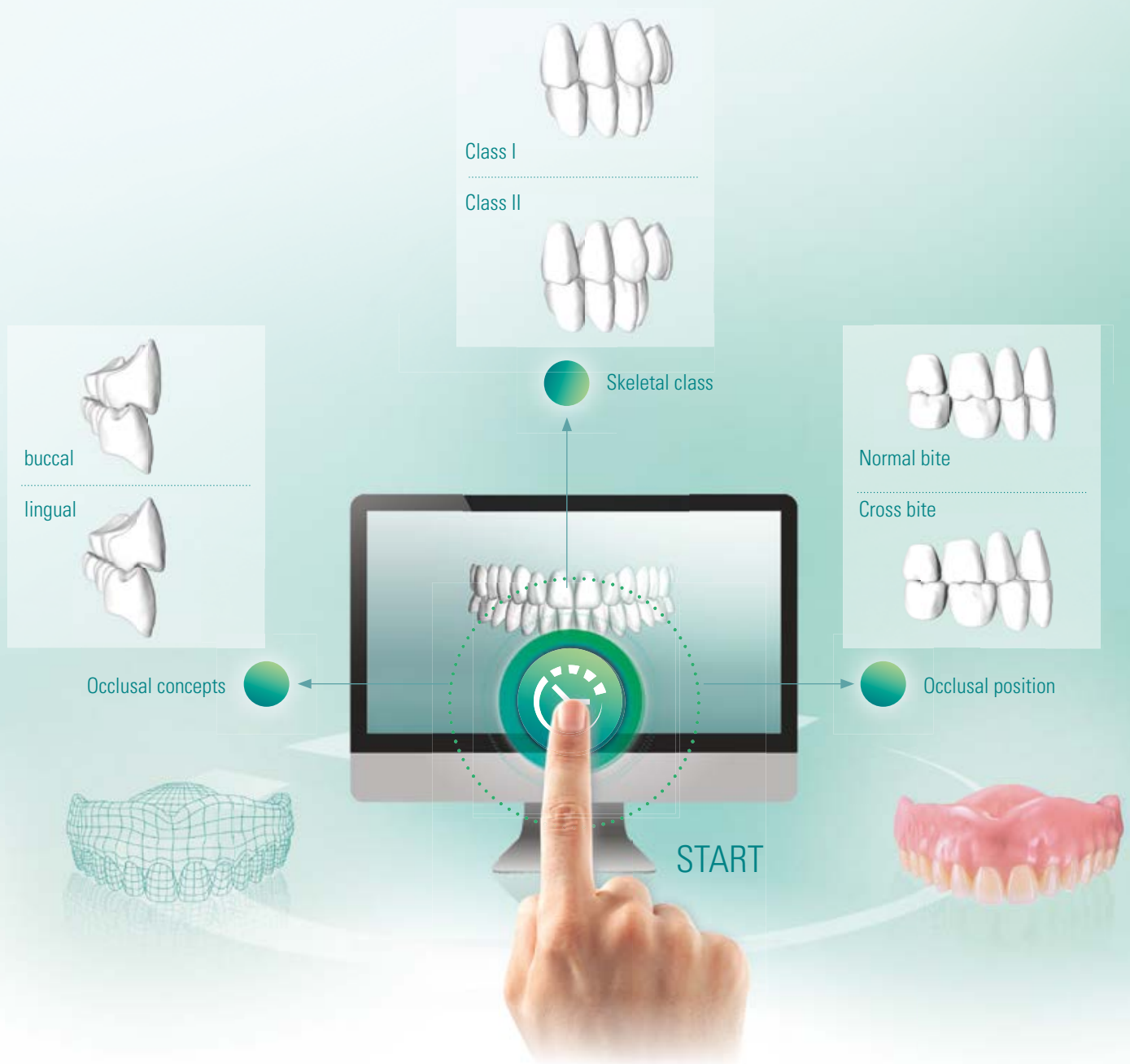
6

BONDING



FINISHED

CAD DESIGN FOR VITA VIONIC® DENTURES



What?

- CAD software with VITA-specific, coordinated design options

What for?

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

- through the integrated buccal and lingual concepts
- through the integrated skeletal classes (I + II)
- 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 molds 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)

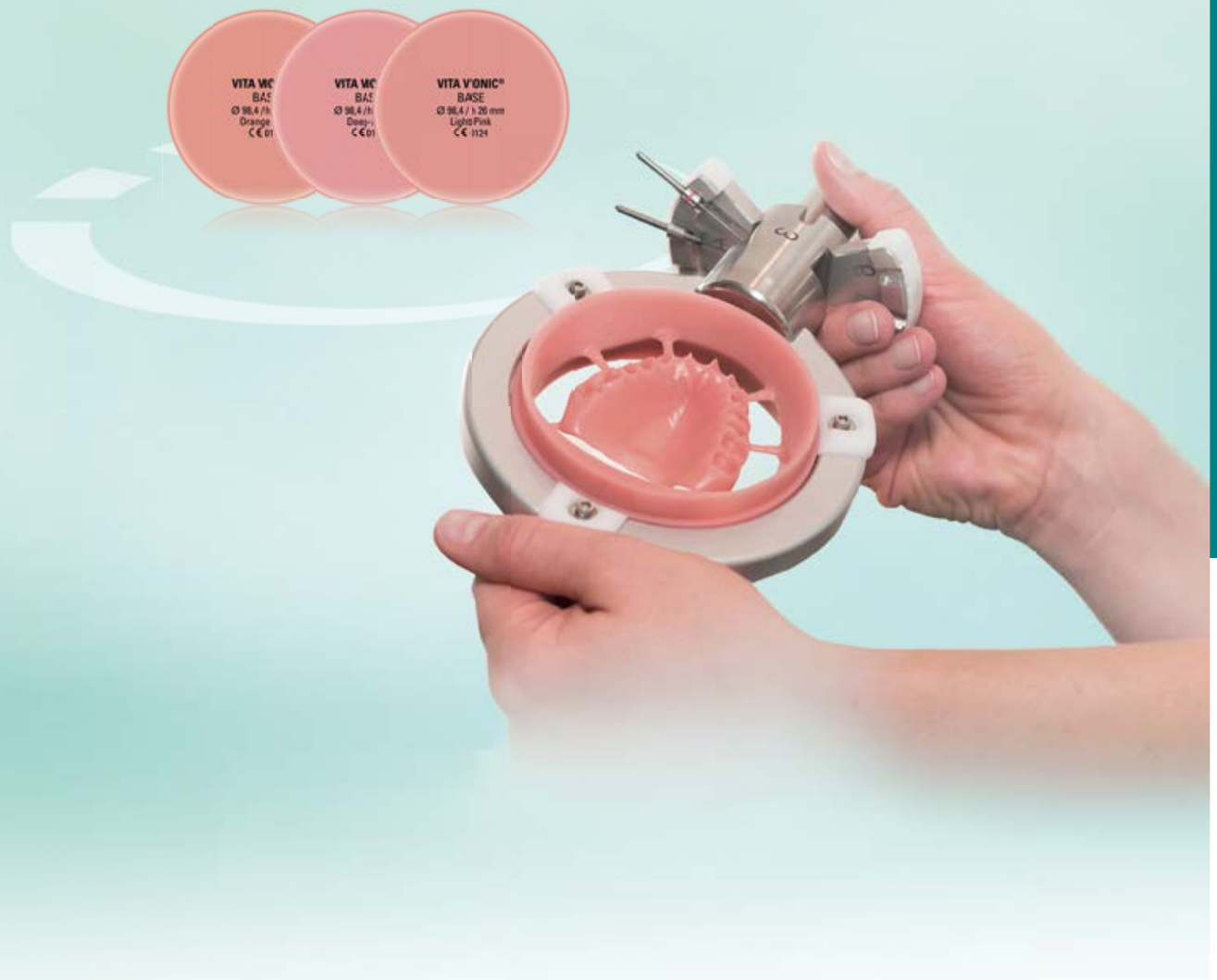
Benefits?

- **efficient full denture fabrication**
through basal and circular tooth modification by push-button based on the CAD denture design
- **simple, digital reconstruction of function**
individual design with appropriate concept of occlusion and skeletal class selectable.
- **process-secure, fully digital CAD/CAM fabrication**
through a coordinated bonding solution to fix denture teeth

What for?

- for the fully digital fabrication of 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 molding
- **easily reproduced**
the system enables the reproduction of the base with the a mouse click
- **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

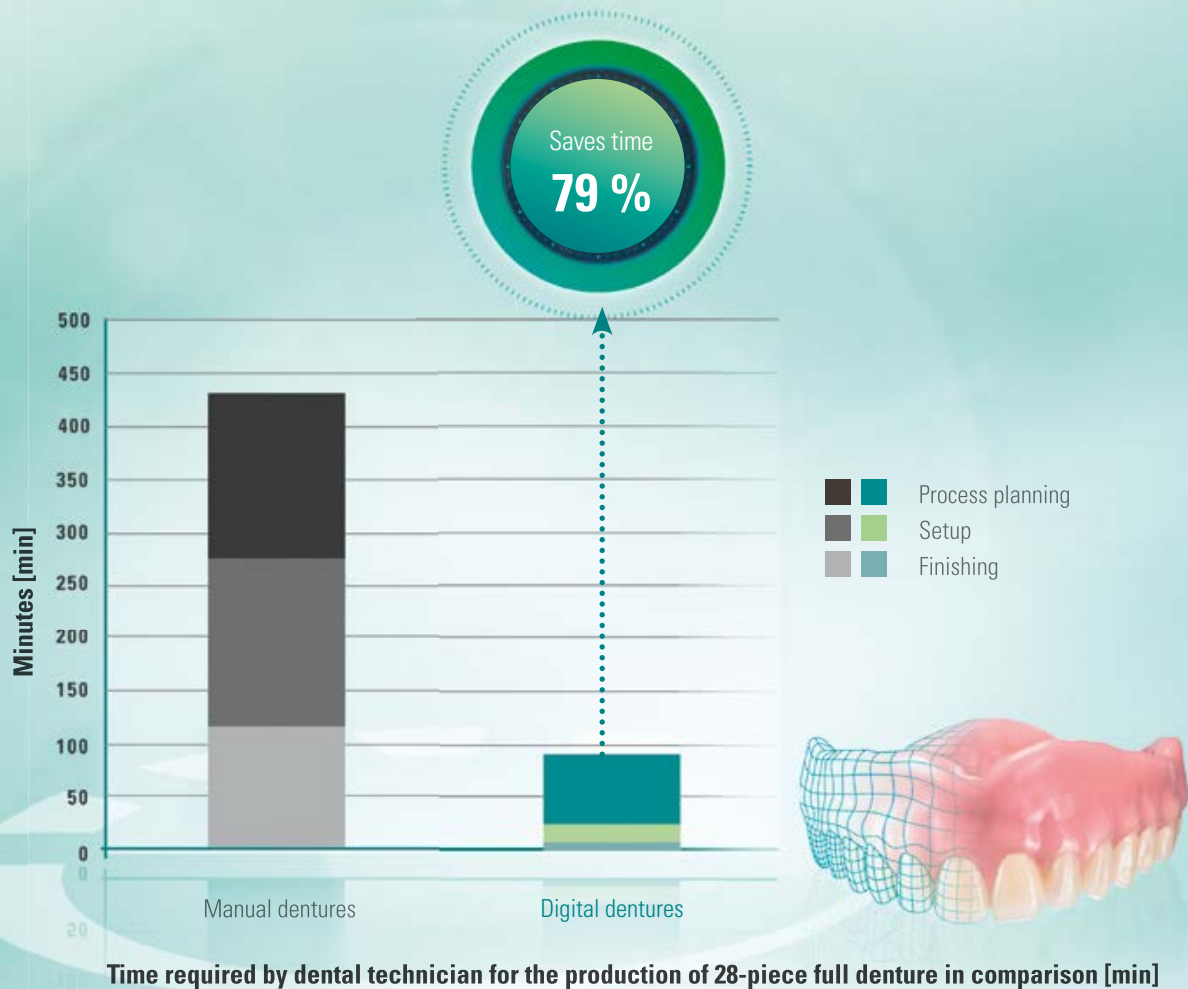
Benefits?

- **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 THE BEST PRODUCTIVITY



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

Time saved?

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

SYSTEM COMPATIBILITY

CAD/CAM technology partner for VITA VIONIC®

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

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

- Ceramill Motion 2 (Amann Girrbach AG)

*) Validated VITA system partner for the processing of selected VITA VIONIC components






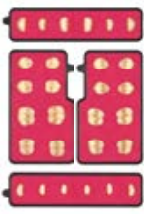

A woman with dark hair and a light blue shirt is sitting at a desk, looking at a computer monitor. In the background, there is a large, semi-transparent dental wheel (a circular chart with segments) and a 3D model of a human jaw with teeth. The overall scene is set in a modern, brightly lit environment with a light blue and white color scheme.

SYSTEM AND COMPONENTS

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



COMPONENTS AND APPLICATION FORMS

VITA VIONIC® SOLUTIONS		
	VITA VIONIC® WAX	VITA VIONIC® FRAME
Material	Shape-stable, temperature-resistant synthetic-wax blanks.	VITA denture teeth in tooth frame <ul style="list-style-type: none"> VITAPAN EXCELL DD FRAME (anterior) VITAPAN LINGOFORM DD FRAME (posterior)
Shades/presentation	<ul style="list-style-type: none"> Pink White 	VITA classical A1 – D4® shades: <ul style="list-style-type: none"> A1 A2 A3 A3.5 B3 D3 
Geometries	<ul style="list-style-type: none"> Ø 98.4 mm / H 30 mm 	<ul style="list-style-type: none"> 9 x upper anterior tooth moulds 4 x lower anterior tooth moulds 4 x upper posterior tooth moulds 4 x lower posterior tooth moulds

VITA VIONIC® BASE

Highly crosslinked, industrially polymerized, PMMA blanks.

- Orange-pink
- Deep-pink
- Light-pink



- Ø 98.4 mm / H 26 mm



- Ø 98.4 mm / H 30 mm















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 MOULDS

Upper Anteriors VITAPAN EXCELL® DD FRAME						
 ovoid	O43  7.9 — 9.1	O45  8.4 — 9.7	O49  9.0 — 10.9			
	T44  8.1 — 9.9	T46  8.2 — 10.4	T48  8.8 — 11.3	T50  9.2 — 11.6		
	R45  8.2 — 9.9	R47  8.6 — 11.2				
Lower Anteriors VITAPAN EXCELL® DD FRAME						
	L33  5.0 — 8.6	L35  5.2 — 9.0	L37  5.2 — 9.4	L39  5.9 — 9.8		

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

VITAPAN EXCELL Anterior	UJ/No.  mm	O43 43.1	O45 45.1	O49 49.1	T44 44.1	T46 46.2	T48 48.1	T50 50.0	R45 45.4	R47 47.0
	LJ/No.  mm	L33 33.2	L35 35.3	L39 39.0	L33 33.2	L35 35.3	L37 37.3	L39 39.0	L35 35.3	L37 37.3
VITAPAN LINGOFORM Posterior	UJ/No.  mm	21L 30.1	22L 31.6	23L 34.2	21L 30.1	22L 31.6	22L 31.6	24L 35.8	22L 31.6	22L 31.6
	LJ/No.  mm	21L 30.7	22L 32.1	23L 34.8	21L 30.7	22L 32.1	22L 32.1	24L 36.4	22L 32.1	22L 32.1

upper jaw (UJ) / lower jaw (LJ)

VITA PROSTHETIC SOLUTIONS –

For the best dental prosthetics: natural, reliable, rich in variation.

**Vivid play of shape and shade
for natural results.**



**Best 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 PROSTHETIC unifies innovation, efficiency and precision due to custom-fit, coordinated material and CAD/CAM system solutions for full dentures.

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

Bibliography

1. Internal study:

VITA product management:

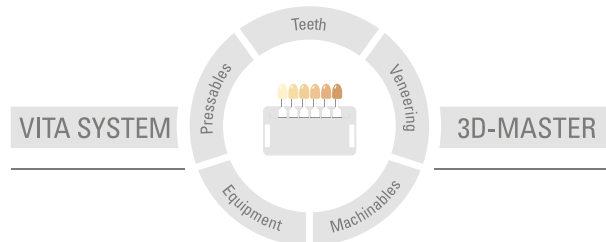
VITA Zahnfabrik H. Rauter GmbH & Co. KG

Sales Division

Spitalgasse 3, 79713 Bad Säckingen, Germany

Claus Pukropp, Head of Technical Marketing, Bad Säckingen

Report: 12/2016



Please note: Our products must be used in accordance with the instructions for use. We accept no liability for any damage resulting from incorrect handling or usage. The user is furthermore obliged to check the product before use with regard to its suitability for the intended area of applications. We cannot accept any liability if the product is used in conjunction with materials and equipment from other manufacturers that are not compatible or not authorized for use with our product. Furthermore, our liability for the accuracy of this information is independent of the legal basis and, in as far as legally permissible, shall always be limited to the value as invoiced of the goods supplied, excluding value-added tax. In particular, as far as legally permissible, we do not assume any liability for loss of earnings, indirect damages, ensuing damages or for third-party claims against the purchaser. Claims for damages based on fault liability (culpa in contrahendo, breach of contract, unlawful acts, etc.) can only be made in the case of intent or gross negligence. The VITA Modulbox is not necessarily a component of the product.

Date of issue of this information: 12.17

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 in accordance with the Medical Device Directive and the following products bear the mark  0124 :

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

VITA Zahnfabrik has been certified in accordance with the Medical Device Directive and the following products bear the mark  :

VITA VIONIC®WAX

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.

VITA


VITA Zahnfabrik H. Rauter GmbH & Co.KG

Spitalgasse 3 · D-79713 Bad Säckingen · Germany

Tel. +49(0)7761/562-0 · Fax +49(0)7761/562-299

Hotline: Tel. +49(0)7761/562-222 · Fax +49(0)7761/562-446

www.vita-zahnfabrik.com · info@vita-zahnfabrik.com

 facebook.com/vita.zahnfabrik