

VITA CAD-Waxx

Instructions for use



VITA shade determination

VITA shade communication

VITA shade reproduction

VITA shade control

Date of issue 2022-05

VITA – perfect match.

VITA

Acrylate polymer for casting or pressing that
burns out without leaving any residue

The material and its benefits

VITA CAD-Waxx, an acrylate polymer that burns out without leaving any residue, is used for computer-aided fabrication of wax-ups for press and casting techniques. The material is characterized by the following properties and benefits:

- Can be ground or milled, depending on the CAM system
- High torsional resistance and dimensional accuracy in comparison with modeling wax, even in the case of large-span restorations
- Optimum wall and connector strengths can be defined for VMK frameworks, requiring only a minimum amount of reworking.
- If there are problems with the cast, remodeling is not required; only the milling or grinding process must be repeated
- The fabricated moulds can be combined with casting wax or with the finished parts familiar from casting procedures
- Allows try-in of moulds in situ
- Easy verification of the fit, thanks to the transparent appearance
- Burns out without leaving any residue
- CAD-Waxx is a class I medical product approved for try-in in the patient's mouth.

Intended purpose

VITA CAD-Waxx products are materials made of intraoral dental wax for dental treatments.

Intended users

Dental professionals only: dentist and dental technician

Patient target group

No restrictions

Indication

Indication	 VMK crown framework	 VMK bridge framework	 Full-cast crown	 Full-cast bridge
VITA CAD-Waxx	●	●	●	●

● recommended

Contraindication:

VITA CAD-Waxx is not suitable for the fabrication of temporaries and must not be fixed in the mouth on either a temporary or a permanent basis.

Application: modeling wax replacement

- Fabrication of crowns and bridge frameworks for use in VMK procedures
- Fabrication of crowns and bridges in full-cast procedures
- Grinding / milling of embeddable press-ceramic restorations
- Fabrication of fully anatomical restorations, for example, using VITA AMBRIA

Application: try-in for model verification

- Verification of the accuracy of the model in terms of its fit in the patient's mouth before the restoration is ground / milled from the final material.
- The mould / framework must be cleaned using ethanol prior to try-in in the patient's mouth.

Simple processing – step-by-step

⚠ Important note:

When processing VITA CAD-Waxx using a CAM system, please observe the relevant manufacturer's instructions.



Once the grinding / milling process has been completed (CAM), remove the lugs using a fine cross-cut carbide milling tool (red ring).

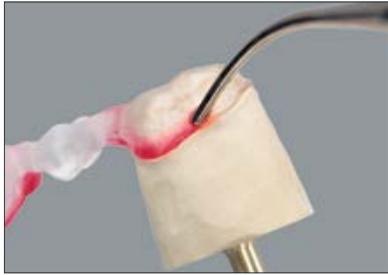


Ground / milled mould on the working model.



The thickly milled margins are reduced using a cross-cut carbide milling tool (red ring).

In the case of fully anatomical moulds, the occlusion must be verified.



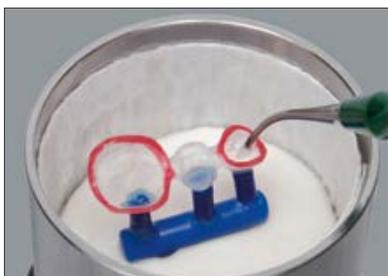
If required, the margins of the mould can be optimized using casting wax.



On the working model, the mould is optimized using casting wax.



As is customary in casting / press procedures, the mould is fitted with wax sprues and waxed onto the funnel former. When doing so, the instructions provided by the alloy manufacturer and press-ceramic manufacturer must be observed.

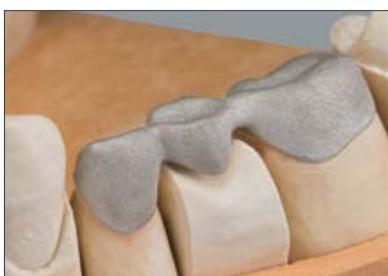


Invest the casting model in accordance with the instructions of the investment material manufacturer and place in the preheating furnace.

⚠ Important:

Specific weight of VITA CAD-Waxx: 1.18 g / cm³

The quantity of alloy in grams that is required for the restoration is calculated by multiplying the density of the alloy by the weight of the ground / milled VITA CAD-Waxx mould in grams, divided by a factor of 1.18.



Cast bridge framework comprised of a dental alloy and prepared for veneering.

Recommended tools and materials

- Fine and coarse cross-cut carbide milling tools
- Standard commercially-available modeling waxes

Storage/disposal

No special storage conditions.

The products labeled with a pictogram for hazardous substances are to be disposed of as hazardous waste. Recyclable waste (such as attachments, paper and plastics) must be disposed of using appropriate recycling systems.

If necessary, contaminated product residues should be pretreated in accordance with regional regulations and disposed of separately.

Technical data

Chemical composition: 100 % PMMA

Symbol explanations

Manufacturer VITA Zahnfabrik		Manufacturing date	
Shelf life		Protect from sunlight	
Storage temperature		Lot number (batch)	LOT
Product number	REF	Medical device	MD
See Instructions for Use			

General notes on handling

Product reliability

Information on reporting serious incidents in connection with medical devices, general risks associated with dental treatments, residual risks and (if applicable) short clinical safety and performance reports (SSCPs) can be found at www.vita-zahnfabrik.com/product_safety.



The corresponding safety data sheets can be downloaded at www.vita-zahnfabrik.com/sds.



VITA CAD-Waxx for inLab®

Dimensions: 14 x 15 x 40 mm
Designation: CW-40/15

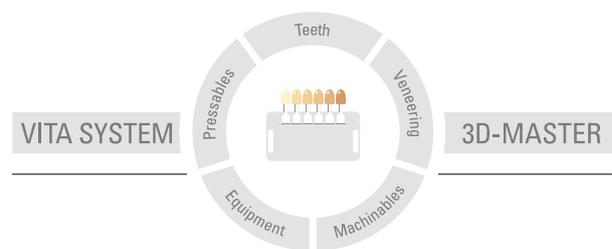
Pack cont. 10 pieces



VITA CAD-Waxx DISC

Dimensions: Ø 98.4 x 20 mm
(with circumferential groove)
Designation: CT-DISC

Pack cont. 1 piece



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 and this results in damage. The VITA Modulbox is not necessarily a component of the product. Date of issue of this information: 2022-05

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 mark



VITA CAD-Waxx



Rx Only (for professional use only)



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