

# Proven solutions. Esthetic and efficient.



## VITA CAD/CAM SOLUTIONS

The comprehensive portfolio for esthetic and efficient solutions! Discover our proven CAD/CAM materials, which cover almost every indication.

# Overview of indications

	Zirconia ceramic				Feldspar ceramic	Glass ceramic	Hybrid ceramic	Polymer/ Composite	
	VITA YZ T	VITA YZ HT	VITA YZ ST**	VITA YZ XT	VITABLOCS	VITA SUPRINITY PC	VITA ENAMIC	VITA CAD-Temp	VITA CAD-Waxx
	○	○	○	×	—	○ <sup>1)</sup>	● <sup>1)</sup>	●	—
	●	●	×	×	×	×	—	—	—
	—	—	—	—	○	○	○	—	—
	—	○	●	●	●	●	●	—	▲
	—	○	●	●	●	●	●	—	▲
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	○	●	●	●	○	●	●	●	▲
	○	●	●	●	×	×	×	●	▲
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	●	●	○	○	×	○	—	×	▲
	●	●	○	○	×	×	×	×	▲
	●	●	○	×	×	×	×	—	▲

● recommended\*   ○ possible   × not possible   — not recommended   ▲ only as a substitute for modelling wax

\* Note: These are recommended indications; normally, a more comprehensive range of restorations can be fabricated. For details, please refer to the respective working instructions of the products.

\*\* VITA YZ ST reconstructions are limited in Canada to a max. of six units with a max. of two connected pontics.

- 1) The abutments must be designed in a way to meet the requirements for ceramic-specific preparation and to observe the minimum wall thickness of crowns.  
Please also observe the manufacturers' working instructions.
- 2) molars only
- 3) no more than two adjacent pontics



## > FACTS AND FEATURES

- What**
- **VITABLOCS Mark II:** monochromatic, tooth-colored feldspar blanks with shades that match those of residual teeth
  - **VITABLOCS TriLuxe forte:** polychromatic, tooth-colored feldspar blanks with integrated shade gradient to reproduce the natural play of colors
  - **VITABLOCS RealLife:** polychromatic, tooth-colored feldspar blanks with integrated 3D-layer structure to reproduce the natural shade gradient in the anterior area
- Benefits**
- **Fabricating reliable restorations**  
Thanks to a durable material with very good clinical performance
  - **Highly esthetic restorations**  
Thanks to a material with superior play of colors and light
  - **Cost-effective reconstruction**  
Thanks to time-saving CAM fabrication and efficient finishing using a polishing process
- What for**
- Solution for highly esthetic reconstructions of minor defects (VITABLOCS Mark II) and esthetic restorations in the visible region (VITABLOCS TriLuxe forte, VITABLOCS RealLife)

## > BASIC INFORMATION



### Recommended indications\* **VITABLOCS Mark II**

- small, esthetic reconstructions (inlay, onlay, partial crown)



### **VITABLOCS TriLuxe forte**

- highly esthetic reconstructions in the visible region



### **VITABLOCS RealLife**

- highly esthetic anterior crowns



### Process steps

One-step materials:

- CAM fabrication, polishing and seating;  
firing not required
- optional: characterization / individualization

### System compatibility

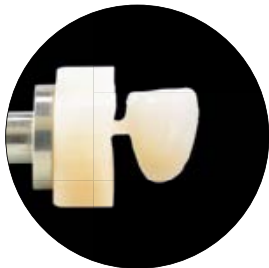
#### **VITABLOCS – SYSTEM SOLUTION**

VITA offers VITABLOCS with the holder system for CEREC/inLab (Dentsply Sirona)



#### **VITABLOCS – UNIVERSAL SOLUTIONS\*\***

- CORiTEC line (imes-icore GmbH)
- DGSHAPE DWX Serie (DGSHAPE Corporation)
- CS 3000 /CS 3100 (Carestream Dental, Inc.)
- N/R/S/Z/E Serien (vhf manufacture AG)
- Zfx Inhouse5x (Zfx GmbH)
- Organical Desktop Serie (R+K CAD/CAM)
- Technologie GmbH & Co. KG)
- DMG ULTRASONIC-Serie (DMG Mori AG)
- Ceramill DRS (Amann Girrbach)Ceramill DRS (Amann Girrbach)



\* ) These are recommended indications; normally, a more comprehensive range of restorations can be fabricated. For details, please refer to the respective instructions for use of the products.

\*\* ) Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.

## › AVAILABLE SHADES

### VITABLOCS Mark II

- VITA SYSTEM 3D-MASTER: 0M1C (for I12, I14), 1M1C, 1M2C, 2M1C, 2M2C, 2M3C, 3M1C, 3M2C, 3M3C, 4M2C
- VITA classical A1–D4: A1C, A2C, A3C, A3.5C, A4C, B1C, B2C, B3C, C2C, C3C, D3C

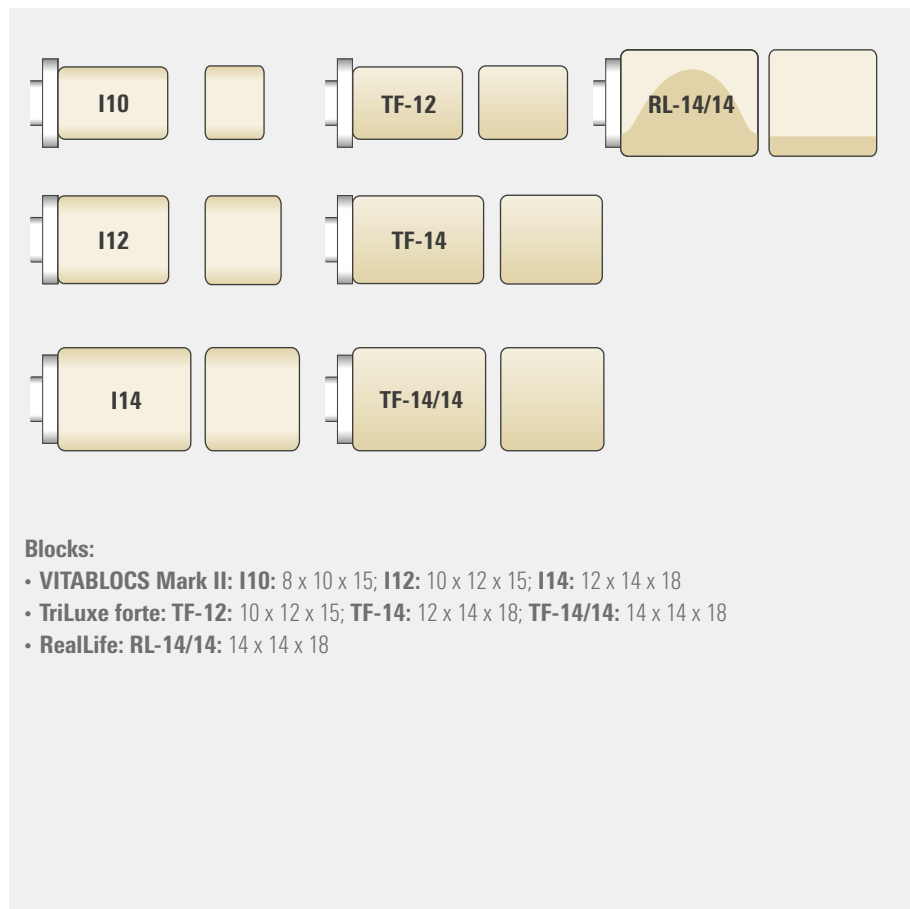
### VITABLOCS TriLuxe forte

- VITA SYSTEM 3D-MASTER: 0M1C, 1M1C, 1M2C, 2M2C, 3M2C
- VITA classical A1–D4: A1C, A2C, A3C, A3.5C, B1C, B2C, B3C, C2C, C3C

### VITABLOCS RealLife

- VITA SYSTEM 3D-MASTER: 0M1C, 1M1C, 1M2C, 2M1C, 2M2C, 3M2C

## › AVAILABLE GEOMETRIES (geometries in mm)



### Blocks:

- **VITABLOCS Mark II: I10:** 8 x 10 x 15; **I12:** 10 x 12 x 15; **I14:** 12 x 14 x 18
- **TriLuxe forte: TF-12:** 10 x 12 x 15; **TF-14:** 12 x 14 x 18; **TF-14/14:** 14 x 14 x 18
- **RealLife: RL-14/14:** 14 x 14 x 18



## > FACTS AND FEATURES

- What**
- Unique hybrid ceramic with a dual ceramic-polymer network structure
  - Available as monochromatic and multichromatic types in up to three translucency levels (T, HT, ST)
- Benefits**
- **Fabricating durable restorations**  
Using a high-load capacity hybrid ceramic with absorption of masticatory forces
  - **Hybrid ceramic enables reduced wall thickness**  
Compared to feldspar ceramic, making non-/minimally invasive restorations possible.
  - **Fabricating accurate, precise and delicate structures**  
Using a hybrid material with reduced brittleness
  - **Cost-effective reconstruction**  
Thanks to time-saving CAM fabrication and efficient polishing without any firing process
- What for**
- Solution for minimally invasive, delicate and implant-supported reconstructions

\*) In addition to a high degree of elasticity, this innovative hybrid ceramic ensures high load capacity after adhesive bonding.

## > BASIC INFORMATION



### Recommended indications\* VITA ENAMIC (T, HT, ST)

- reconstructions with reduced wall thicknesses that preserve natural tooth structure
- posterior crowns that offer high load capacity in cases with limited space availability
- precise repair of small defects (e.g., indirect cervical fillings/delicate inlays)
- non-/minimally-invasive reconstruction of occlusal surfaces (table top)
- monolithic veneering structures for digital dual structure bridges



### VITA ENAMIC HT multiColor

- esthetic crown restorations with vivid play of color/light
- delicate (non-prep) veneers for cosmetic reconstructions



### VITA ENAMIC IS\*\*

- implant-supported abutment crowns and mesostructures

### Process steps

One-step materials:

- CAM fabrication, polishing and seating; no firing
- optional: characterization/individualization

### System compatibility

#### VITA ENAMIC – SYSTEM SOLUTION\*\*\*

VITA offers VITA ENAMIC with the holder system for CEREC/inLab (Dentsply Sirona)

#### VITA ENAMIC – UNIVERSAL SOLUTIONS\*\*\*

CORiTEC Serie (imes-icore GmbH), Röders RXD Serie (Röders GmbH), DGSHAPE DWX Serie (DGSHAPE Corporation), CS 3000/CS 3100 (Carestream Dental, Inc), Zfx Inhouse5x (Zfx GmbH), Milling UNIT M Serie (Zirkonzahn S.r.l.), N/R/S/Z/E Serien (vhf camfactory AG), Organical Desktop Serie (R+K CAD/CAM Technologie GmbH), DMG ULTRASONIC-Serie (DMG Mori AG), Ceramill DRS (Amann Girsch)



\*) These are recommended indications; normally, a more comprehensive range of restorations can be fabricated. For details, please refer to the respective instructions for use of the products.

\*\*) More information about VITA ENAMIC IS is available in the chapter VITA IMPLANT SOLUTIONS.

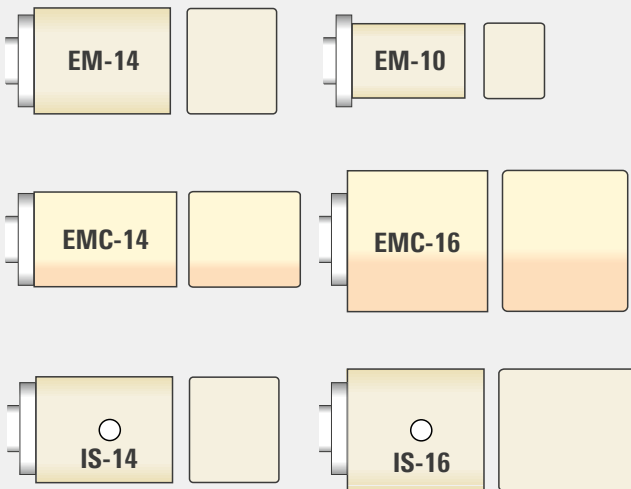
\*\*\*) Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.

## > AVAILABLE SHADES

- **VITA SYSTEM 3D-MASTER, transluzent (T)**  
0M1, 1M1, 1M2, 2M1, 2M2, 2M3, 3M1, 3M2, 3M3, 4M2
- **VITA SYSTEM 3D-MASTER, high transluzent (HT)**  
0M1, 1M1\*, 1M2\*, 2M1, 2M2\*, 2M3, 3M1, 3M2\*, 3M3, 4M2\*
- **VITA SYSTEM 3D-MASTER, super transluzent (ST)**  
1M1, 1M2, 2M2, 3M2, 4M2

\*) available as multiColor

## > AVAILABLE GEOMETRIES (geometries in mm)



### Blocks:

- **VITA ENAMIC: EM-14:** 12 x 14 x 18; **EM-10:** 8 x 10 x 15
- **VITA ENAMIC multiColor: EMC-14:** 12 x 14 x 18; **EMC-16:** 18 x 16 x 18
- **VITA ENAMIC IS\*: IS-14:** 18 x 14 x 12 (for mesostructures); **IS-16:** 18 x 16 x 18 (for abutment crowns)

\*) Note: with an integrated S- or L-interface for each geometry size





## > FACTS AND FEATURES

- What**
- Zirconia-reinforced, high-strength glass ceramic generation
  - Available as monochromatic blanks in two translucency levels (T, HT)
- Benefits**
- **High reliability**  
Thanks to a zirconia-reinforced glass ceramic matrix
  - **Precision-fit results**  
Thanks to material blanks with high edge stability
  - **Simple processing**  
Thanks to good polishing characteristics and high firing stability
  - **Brilliant esthetics**  
Thanks to integrated translucency, opalescence and fluorescence
- What for**
- Solution for anterior and posterior crowns, superstructures on implants, as well as inlays, onlays and veneers

# VITA SUPRINITY® PC

## > BASIC INFORMATION



### Recommended indications\* VITA SUPRINITY PC

Various (esthetic) options, thanks to a wide indication range:

- Posterior crown
- Anterior crown
- Implant-supported crown
- Veneer

### Process steps

Two-step material:

- CAM fabrication, followed by crystallization or combination firing
- optional: characterization/individualization

### System compatibility

#### VITA SUPRINITY PC – SYSTEM SOLUTION\*\*

VITA offers VITA SUPRINITY PC with the holder system for CEREC/inLab (Dentsply Sirona)

#### VITA SUPRINITY PC – UNIVERSAL SOLUTIONS\*\*

VITA offers VITA SUPRINITY PC with universal holder system for the CAD/CAM systems:

- CS 3000/CS 3100 (Carestream Dental, Inc)
- DMG ULTRASONIC line (DMG Mori AG)
- CORiTEC line (imes-icore GmbH)
- Röders RXD line (Röders GmbH)
- N/R/S/Z/E Serien (vhf manufacture AG)
- MILLING UNIT M line (Zirkonzahn S.r.l.)
- DGSHAPE DWX Serie (DGSHAPE Corporation)
- Zfx Inhouse5x (Zfx GmbH)



\*) These are recommended indications; normally, a more comprehensive range of restorations can be fabricated. For details, please refer to the respective instructions for use of the products.

\*\*) Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.

## > AVAILABLE SHADES

- **VITA SUPRINITY PC, high translucent (HT)**

VITA classical A1–D4: A1, A2, A3, A3.5, B2, C2, D2

VITA SYSTEM 3D-MASTER: 0M1, 1M1, 1M2, 2M2, 3M2, 4M2

- **VITA SUPRINITY PC, translucent (T)**

VITA classical A1–D4: A1, A2, A3, A3.5, B2, C2, D2

VITA SYSTEM 3D-MASTER: 0M1, 1M1, 1M2, 2M2, 3M2, 4M2

## > AVAILABLE GEOMETRIES (geometries in mm)



### Blocks:

- **VITA SUPRINITY PC:**

**PC-14:** 12 x 14 x 18

# VITA IMPLANT SOLUTIONS



## > FACTS AND FEATURES

- What**
- Blanks comprised of hybrid ceramic and composite, which feature an integrated interface for an adhesive/titanium base
  - Available as VITA ENAMIC IS hybrid ceramic (T/HT) for permanent reconstructions and VITA CAD-Temp IS composite for temporary restorations

**Benefits** **VITA ENAMIC IS**

- **Fabricating durable, implant-supported restorations**

Using a high-load capacity hybrid ceramic

- **Cost-effective reconstruction**

Thanks to time-saving CAM fabrication and efficient finishing

**VITA CAD-Temp IS**

- **Efficient fabrication of temporary restorations**

Thanks to a fully digital process

- **Natural shade effect**

Thanks to impressive light optical properties

- What for**
- Solution for permanent and temporary implant-supported restorations

# VITA IMPLANT SOLUTIONS

## > BASIC INFORMATION



### Recommended indications\* VITA ENAMIC IS

- permanent implant-supported abutment crowns (AC) and mesostructures (MS)



### VITA CAD-Temp IS

- temporary restorations/soft-tissue management

### Process steps

One-step materials:

- CAM fabrication, bond with the base and screw onto the implant; no firing!
- optional: characterization/individualization

### System compatibility

#### VITA IMPLANT SOLUTIONS – SYSTEM SOLUTIONS

VITA offers VITA IMPLANT SOLUTIONS blanks with a specific holder system for the CAD/CAM system:  
CEREC/inLab (Dentsply Sirona)



\*) These are recommended indications. For details, please refer to the respective instructions for use of the products.

## > AVAILABLE SHADES

- **VITA ENAMIC IS-14, translucent (T)**

MS type with S or L interface in VITA SYSTEM 3D-MASTER: 1M1, 1M2, 2M2, 3M2, 4M2

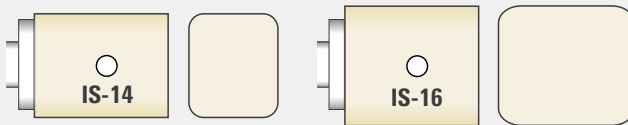
- **VITA ENAMIC IS-16, high translucent (HT)**

AC type with S or L interface in VITA SYSTEM 3D-MASTER: 1M1, 1M2, 2M2, 3M2, 4M2

- **VITA CAD-Temp IS-16**

AC type with S- or L-interface in VITA SYSTEM 3D-Master: 1M2T, 2M2T, 3M2T

## > AVAILABLE GEOMETRIES (geometries in mm)



### Blocks:

- **VITA ENAMIC: IS-14:** 18 x 14 x 12 (for permanent mesostructures);  
**IS-16:** 18 x 16 x 18 (for permanent abutment crowns)
- **VITA CAD-Temp: IS-16:** 18 x 16 x 18 (for temporary abutment crowns)

with integrated S- or L-interface for each geometry



## > FACTS AND FEATURES

- What**
- Composite made of highly cross-linked acrylate polymer with microfiller for the fabrication of long-term temporary restorations
- Benefits**
- **Good, long-term stability**  
Thanks to good surface stability and fracture strength (period of wearing: up to one year)
  - **Natural shade effect**  
Thanks to impressive light optical properties
  - **Cost-effective fabrication of temporaries**  
Thanks to time-saving CAD/CAM fabrication
- What for**
- Solution for fully or partially anatomical long-term temporary restorations (VITA CAD-Temp) and temporary implant-supported restorations (VITA CAD-Temp IS)

## > BASIC INFORMATION



### Recommended indications\* VITA CAD-Temp monoColor

- Bridge temporaries with up to two pontics, crown temporaries in the posterior region



### VITA CAD-Temp multiColor

- Bridge temporaries with up to two pontics, crown temporaries in the anterior region



### VITA CAD-Temp IS\*\*

- temporary restorations/soft-tissue management

### Process steps

One-step materials:

- CAM fabrication, polishing and seating

### System compatibility

#### VITA CAD-Temp – SYSTEM SOLUTION

VITA offers VITA CAD-Temp with specific holder system for CEREC/inLab (Dentsply Sirona)

#### VITA CAD-Temp – UNIVERSAL SOLUTIONS\*\*\*

VITA offers VITA CAD-Temp in a universal DISC geometry (Ø 98.4 mm) for the CAD/CAM systems:

- CORiTEC Serie (imes-icore GmbH)
- DGSHAPE DWX Serie (DGSHAPE Corporation)
- DMG ULTRASONIC Serie (DMG Mori AG)
- CS 3000/CS 3100 (Carestream Dental, Inc.)
- Röders RXD Serie (Röders GmbH)
- inLab MC X5 (Dentsply Sirona)
- N/R/S/Z/E Serien (vhf camfacturer AG)
- Ceramill DRS (Amann Girrbach)Ceramill DRS (Amann Girrbach)

Note: VITA CAD-Temp DISCS can be processed with all open CAD/CAM systems, which are suitable to mill discs with a diameter of 98.4 mm (including the circumferential groove).

\* ) These are recommended indications; normally, a more comprehensive range of restorations can be fabricated. For details, please refer to the respective instructions for use of the products.

\*\* ) More information about VITA CAD-Temp IS is available in the chapter VITA IMPLANT SOLUTIONS.

\*\*\* ) Note: The range of VITA CAD/CAM material versions/geometries/shades available may vary for individual CAD/CAM system partners or systems.



## › AVAILABLE SHADES

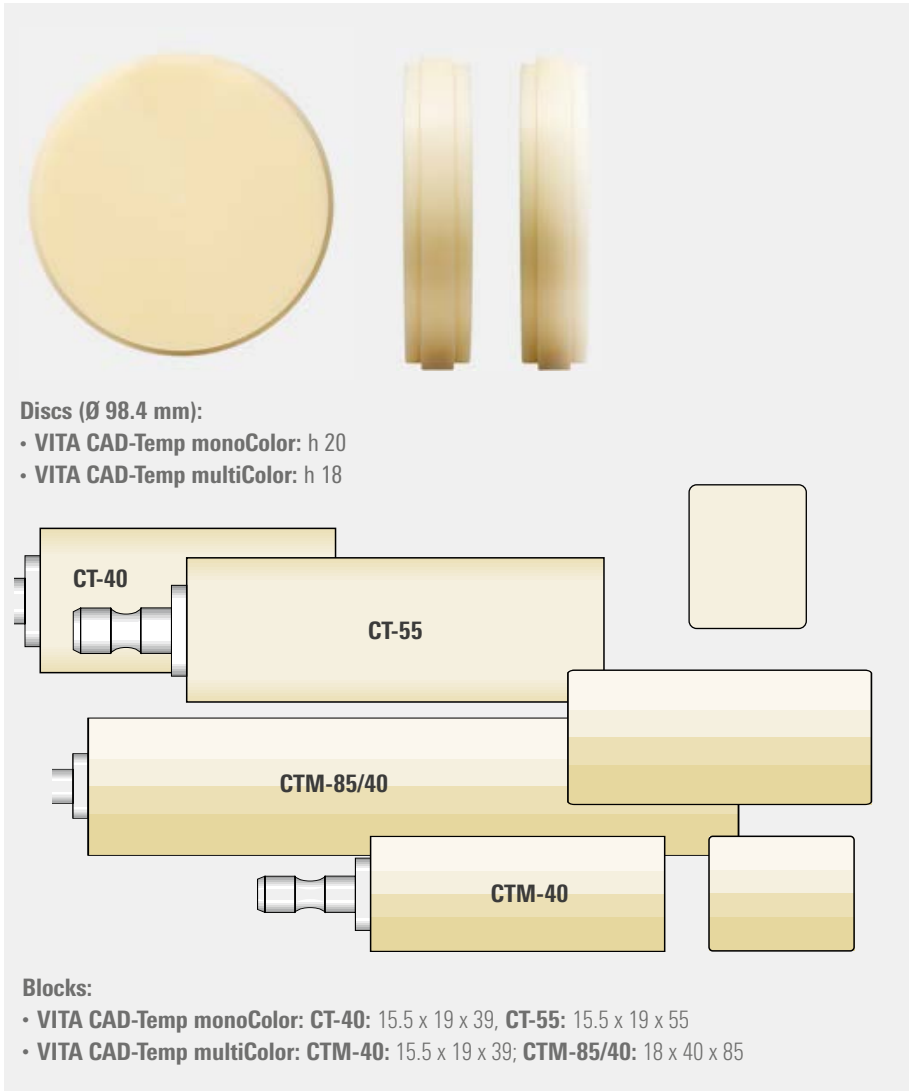
- **VITA CAD-Temp monoColor**

VITA SYSTEM 3D-MASTER: 0M1T (for CT-40), 1M2T, 2M2T, 3M2T

- **VITA CAD-Temp multiColor**

VITA SYSTEM 3D-MASTER: 1M2T, 2M2T, 3M2T

## › AVAILABLE GEOMETRIES (geometries in mm)



# VITA YZ® MULTI TRANSLUCENT



## › FACTS AND FEATURES

### What

- The premium zirconia. Perfect esthetics with multi-gradient technology.
- VITA YZ MULTI TRANSLUCENT combines the best of two zirconia raw materials and offers a consistent shade, translucency and strength gradient from the neck to the incisal area.

### Benefits

#### • Multi-Purpose Solution

The high-strength and versatile multi-purpose solution combines the maximum flexural strength with a natural shade and translucency gradient.

#### • Multi-Gradient Technology

The multi-gradient technology makes it possible to achieve a natural shade and translucency gradient with a PERFECT MATCH to the VITA shade guide.

#### • Multi-Performance Material

The innovative material guarantees stress-free sintering, a highly precise fit and exceptional edge stability.

### What for

- This high-strength and versatile multi-performance material is the ideal choice for numerous indications, including implant-supported bridges with up to 14 units.

## > BASIC INFORMATION



### System compatibility

Note: VITA YZ discs can be processed with all open CAD/CAM systems, which are suitable to mill discs with a diameter of 98.4 mm (including the circumferential groove).

VITA offers VITA YZ ST blanks in a universal disc geometry (Ø 98.4 mm) for CAD/CAM systems:

- CORiTEC series (imes-icore GmbH)
- DMG ULTRASONIC line (DMG Mori AG)
- Röders RXD line (Röders GmbH)
- N4/R5/S1/S2/Z4/R5 (vhf camfature AG)
- inLab MC X5 (Dentsply Sirona)
- Ceramill mikro 4X/Ceramill mikro 5X/  
Ceramill Motion 2 (AmannGirrbach AG)\*\*
- KaVo Everest (KaVo Dental GmbH)

## > AVAILABLE SHADES

all 16 VITA classical A1-D4 shades  
Bleach shades: 0M1, 0M2, 0M3,

## > AVAILABLE GEOMETRIES (geometries in mm)





## > FACTS AND FEATURES

### What

- High strength, excellent esthetics and effortless processing.
- CEREC MTL Zirconia is a high-strength zirconia enriched with yttrium oxide. Developed and produced by VITA Zahnfabrik, one of the key factors of this material is its special shade technology, which consists of a multi-layer shade gradient.

### Benefits

- **High esthetics**  
CEREC MTL Zirconia sets a high esthetic standard due to its high translucency and improved shade accuracy.
- **Simple workflow**  
Time saving and efficient.
- **Superior stability**  
The high strength of >850 MPa benefits both the dentist and the patient. Restorative treatments are also possible in areas with limited space.

### What for

- High-strength, pre-colored multilayer zirconia block for Cerec CAD/CAM-systems for fabricating full-contour crowns, bridges, onlays, inlays and veneers

## › BASIC INFORMATION



### Recommended Indications

#### CEREC MTL Zirconia mono

- for full-contour crowns in the anterior and posterior tooth areas, inlays, onlays, veneers.



#### CEREC MTL Zirconia medi

- for full-contour crowns and up to 3-unit bridges in the anterior and posterior tooth areas.

## › AVAILABLE SHADES

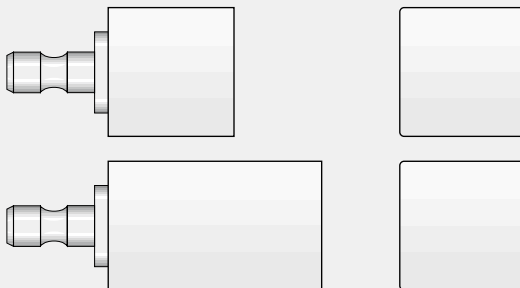
### • CEREC MTL Zirconia mono

VITA classical shades: A1, A2, A3, A3.5, B2, C2, D2

### • CEREC MTL Zirconia medi

VITA classical shades: A1, A2, A3, A3.5, B2, C2, D2

## › AVAILABLE GEOMETRIES (geometries in mm)



### Blocks:

#### • CEREC MTL Zirconia mono

20x19

#### • CEREC MTL Zirconia medi

40x19

# VITA Polishing Tools

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The two-step **VITA ENAMIC and VITA CERAMICS Polishing Sets** ensure efficient prepolishing/high-gloss polishing. The finish is applied with VITA Polish Hybrid or VITA Polish Cera.



The **VITA ENAMIC Polishing Set clinical** was developed for reliable, efficient and material-specific surface treatment of hybrid ceramic restorations in dental practices and laboratories.



**VITA Polish Hybrid** is a diamond polishing paste for extraoral and final high-gloss polishing of restorations made of VITA ENAMIC hybrid ceramic, composite and polymer.



The VITA CERAMICS Polishing Set was developed for the two-step polishing of all dental ceramic materials, such as feldspar ceramics, glass ceramics and oxide ceramics in the dental practice and laboratory. The set contains a total of six polishing instruments for pre- and high-gloss polishing.



**VITA Polish Cera** is a diamond polishing paste for extraoral and final high-gloss polishing of restorations made of dental ceramic materials: feldspar ceramics, glass ceramics and zirconia ceramics.

# We are happy to help.

## Hotline Sales Support

Telephone +49 7761 562-884  
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8 a.m. to 5 p.m. CET  
info@vita-zahnfabrik.com

## Technical Hotline

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## Please note:

Our products must be used according to 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 application. 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 these instructions for use: 2025-01

After the publication of this information for use, any previous versions become obsolete. The current version in each case is available at [www.vita-zahnfabrik.com](http://www.vita-zahnfabrik.com)

The products/systems of other manufacturers mentioned in this document are registered trademarks of the respective manufacturers.

MD

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

**CE 0124**

**VITABLOCS®, VITA ENAMIC®, VITA SUPRINITY® PC, VITA CAD-Temp®, VITA YZ® MULTI TRANSLUCENT**

Ernst Vetter GmbH has been certified and the following product bears the CE mark:

**CE 0483**

VITA CERAMICS Polishing Set clinical, VITA ENAMIC Polishing Set clinical



## VITA CAD/CAM SOLUTIONS

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