

VITA In-Ceram® YZ DISC Color

Pre-shaded, pre-sintered circular blanks made of yttrium partially stabilized zirconium dioxide (Y-TZP)



VITA shade taking

VITA shade communication

VITA shade reproduction

VITA shade control

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VITA shade, VITA made.

VITA

Product description

VITA In-Ceram YZ DISCs are pre-shaded, pre-sintered circular blanks made from yttrium partially stabilized zirconium dioxide (Y-TZP), that are densely sintered at 1530°C in a high-temperature furnace (VITA ZYRCOMAT T) or in a high-speed sintering unit (VITA ZYRCOMAT 6000 MS).

The controlled coloring process in accordance with industry standards facilitates uniform shading of a quality that is virtually impossible to achieve by hand. This means that VITA In-Ceram YZ DISC Color is ideally suited as a substructure material for the excellent esthetic reproduction of tooth shades.

VITA In-Ceram YZ DISC Color is available in the variations LL1/ light, LL2/ medium and LL3/ intense. An even greater range of shade variations can be obtained additionally with the VITA COLORING LIQUIDS. Using the high-temperature sintering process, this can be veneered with the perfectly matched fine-structure ceramic VITA VM 9.

VITA In-Ceram YZ DISCs can be processed with all open CAD/CAM systems that use DISCs with a diameter of 98 mm (including the circumferential groove). VITA In-Ceram YZ DISC Color is available in the heights 14 mm and 18 mm.

Product benefits

- Outstanding esthetics and biocompatibility.
- The controlled coloring process in accordance with industry standards facilitates uniform shading of a quality that is virtually impossible to achieve by hand. This means that manual shading is no longer necessary.
- VITA In-Ceram YZ DISC Color can also be additionally shaded using the VITA COLORING LIQUIDS in order to achieve an even greater range of shade variations.
- VITA In-Ceram YZ DISC Color has a very high fracture strength of > 900 MPa.
- High fracture toughness is achieved using what is known as transition strengthening. In this case, external energy is applied that causes a volume increase in the crystalline structure. This inhibits, for instance, the formation of cracks.
- Thanks to its remarkable stability, VITA In-Ceram YZ DISC Color can be used to fabricate delicate restorations that support non-adhesive cementation.
- VITA In-Ceram YZ DISC Color can be sintered in the VITA ZYRCOMAT 6000 MS using the HighSpeed mode.

VITA In-Ceram YZ DISC Color items

VITA In-Ceram YZ DISC Color



| Designation | Size | Contents | Prod. No. |
|--|----------------|----------|-------------|
| VITA In-Ceram YZ DISC Color LL1/ light | Ø 98 / H 14 mm | 1 piece | ECYZD981411 |
| VITA In-Ceram YZ DISC Color LL1/ light | Ø 98 / H 18 mm | 1 piece | ECYZD981811 |
| VITA In-Ceram YZ DISC Color LL2/ medium | Ø 98 / H 14 mm | 1 piece | ECYZD981421 |
| VITA In-Ceram YZ DISC Color LL2/ medium | Ø 98 / H 18 mm | 1 piece | ECYZD981821 |
| VITA In-Ceram YZ DISC Color LL3/ intense | Ø 98 / H 14 mm | 1 piece | ECYZD981431 |
| VITA In-Ceram YZ DISC Color LL3/ intense | Ø 98 / H 18 mm | 1 piece | ECYZD981831 |

Accessories for VITA In-Ceram YZ DISC Color

VITA In-Ceram YZ COLORING LIQUID product range

Product no. ECYZCLKIT*



| Quantity | Contents | Material |
|----------|----------|--------------------------------------|
| 1 | 100 ml | YZ COLORING LIQUID light |
| 1 | 100 ml | YZ COLORING LIQUID medium |
| 1 | 100 ml | YZ COLORING LIQUID intense |
| 1 | 100 ml | YZ COLORING LIQUID neutral |
| 4 | 90 ml | Work containers |
| 1 | Quantity | Acrylic tweezers for COLORING LIQUID |
| 1 | Quantity | YZ COLORING LIQUID shade indicator |
| | | Instructions for use |

* Not suitable for VITA In-Ceram AL

VITA In-Ceram YZ COLORING LIQUID items

| Designation | Contents | Prod. No. |
|--|----------|---------------|
| One-shade kit "light" with work container 90 ml | 250 ml | ECYZCLKIT250 |
| One-shade kit "medium" with work container 90 ml | 250 ml | ECYZCLMKIT250 |
| One-shade kit "intense" with work container 90 ml | 100 ml | ECYZCLKIT100 |
| One-shade kit "neutral" with work container 90 ml | 100 ml | ECYZCLNKIT100 |
| Pot S black, (3 work containers with sieve and tweezers) | 90 ml | E007 |
| Pot L black, (1 work container with sieve and tweezers) | 325 ml | E008 |
| YZ COLORING LIQUID shade indicator | – | B428V1 |