VITA AMBRIA® PRESS SOLUTIONS
Brilliant, true-to-shade press results. At any time.

Date of issue: 11.19

VITA shade determination   VITA shade communication   VITA shade reproduction   VITA shade control

VITA – perfect match.
CONCEPT AND BENEFITS

VITA AMBRIA® PRESS SOLUTIONS is a highly esthetic press ceramic system for natural, lifelike results. In addition to very good shade fidelity and excellent light dynamics, the press ceramic is also characterized by efficient processing.
VITA AMBRIA® PRESS SOLUTIONS – NATURAL, TRUE-TO-SHADE AND RELIABLE

What?
• Zirconia-reinforced lithium disilicate press ceramic system for highly esthetic and durable results with efficient processing

What for?
• For the production of delicate reconstructions, such as veneers and inlays/onlays, as well as highly esthetic, full/partial crowns and three-unit bridges, up to the second premolars

With what?
• The press ceramic system includes press ceramic pellets in two levels of translucency (T/HT) and two sizes (S, L), muffle system, investment material and liquid, as well as press plungers
THE PRESS SYSTEM WITH MATCHED COMPONENTS

VITA AMBRIA®

• For consistently efficient and reliable processing, from investing to pressing to veneering, there are perfectly matched system components for every step
VITA AMBRIA – Efficiency with system.

*) Optional process step: does not apply to monolithic restorations.
THE ADVANTAGES

Brilliant
- Brilliant, multi-faceted play of shade and light, thanks to material with natural translucence, opalescence and fluorescence

True-to-shade
- Reliably reproduce tooth shades, thanks to press pellets with very good fidelity and perfectly matched system components

Efficient
- Achieve efficient, highly accurate press results through a minimized reaction layer, as the material and investment material are ideally matched

Durable
- Highly durable restorations, thanks to zirconia-reinforced lithium disilicate ceramic with very high stability (> 500 MPa)

VITA AMBRIA – Esthetic, reliable and highly accurate.
true-to-shade  brilliant  highly accurate
EXCELLENT LIGHT DYNAMICS FOR HIGHLY ESTHETIC RESTORATIONS

VITA AMBRIA —
For a multifaceted play of shade and light

• has a natural appearing translucency for ideal light transmission
• features integrated opalescence for a brilliant play of shade
• offers near-natural self-fluorescence for an excellent play of light
natural fluorescence
brilliant play of shade
ideal light transmission
REPRODUCE TOOTH SHADES RELIABLY AND EFFICIENTLY

VITA AMBRIA – perfect match. Reliable reproduction of shade, thanks to press pellets with excellent shade fidelity.

Precise shade formula

- Thanks to high-precision metrological processes, the development and production of VITA AMBRIA press pellets achieves very high shade fidelity.

Precise shade determination

- With the visual and digital shade determination systems of VITA Zahnfabrik, tooth shades can be determined with high precision.
Precise shade reproduction

- Precise tooth shade information and true-to-shade press pellets enable efficient and reliable color reproduction.
HIGHLY ACCURATE AND EFFICIENT RESULTS

VITA AMBRIA®

- enables very accurate press results, due to a minimized reaction layer, as the material and investment material are ideally matched to one another

- enables efficient finalization, as the minimum reaction layer can be blasted quickly and easily without after-treatment in an acid bath
VITA AMBRIA Investment Material and Liquid

Perfectly matched investment material with no reaction layer

Conventional investment material with reaction layer

SYSTEM AND BENEFITS
1. Very high stability for very good durability

OUTSTANDING DURABILITY AND POLISHING RESULTS

VITA AMBRIA®

- offers very good, long-term clinical durability, thanks to very high stability
- achieves a level of stability, with an average biaxial strength of > 500 MPa (after annealing), which is greater than the requirements of the standard

Source: Internal study, VITA R&D. Measurement of biaxial strength of abovementioned materials in accordance with ISO 6872 (with modified sample geometry), (Götliker, 1/2019, [1] see back of prospectus)

*) Level of strength after pressing process. Annealing is not specified by the manufacturer.
2. Efficient polishing results for an excellent degree of gloss

1. Diamond processing
   Surface after processing with diamond point

2. Coarse polishing
   Surface after processing with course polisher

3. Fine polishing
   Surface after processing with fine polisher

VITA AMBRIA –
Achieve high gloss quickly and efficiently.

VITA AMBRIA®

• can be very efficiently polished to a high gloss, thanks to its homogenous microstructure

• shows homogeneous, smooth surfaces without defects in tests after three processing steps (diamond processing, coarse and fine polishing)

Source: Internal study, VITA R&D, REM images of the processed surface of VITA AMBRIA specimen, 1,000-fold magnification, (Gödiker, 8/2019, [1] see back of prospectus)
SYSTEM AND COMPONENTS

VITA AMBRIA® Press pellets are available in a multitude of variants and shades. There are also several coordinated system components. Get to know the entire spectrum of available materials now.
**OVERVIEW OF VERSIONS, GEOMETRIES AND SHADES**

**VITA AMBRIA** Press pellets
for delicate veneers, esthetic full/partial crowns and three-part bridges up to the second premolars

<table>
<thead>
<tr>
<th>Degree of translucency</th>
<th>Size</th>
<th>Chroma</th>
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<tbody>
<tr>
<td>• TRANSLUCENT T</td>
<td></td>
<td>• mono-chromatic</td>
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<tr>
<td>• High Translucent HT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Medium Translucent MT*</td>
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**VITA classical A1–D4/Bleached Shades**

<table>
<thead>
<tr>
<th>Shades</th>
<th>0M1</th>
<th>0M3</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
<th>B1</th>
<th>B2</th>
<th>C2</th>
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<tr>
<td>High Translucent</td>
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</tbody>
</table>

*) available beginning in summer of 2020
**COORDINATED PRESS COMPONENTS**

**Investment material/liquid**
Ideally matched to VITA AMBRIA press pellets, phosphate-bonded and speed-capable investment material with liquid for precise expansion control and flowability.

VITA AMBRIA INVEST
- VITA AMBRIA INVEST P: available as 50 x 100 g pack
- VITA AMBRIA INVEST F: available as 1-liter bottle

**Muffle system**
Transparent, cone-shaped muffle ring and base for easy placement and easy removal of objects; suitable for all common press units.

- VITA AMBRIA MUFFEL SYSTEM: available as 100 g and 200 g muffle system

**Press plunger**
Disposable press plunger for simple handling, without time-consuming blasting and preheating.
- VITA AMBRIA PLUNGER: available as a pack of 50 pieces (diameter 13 mm)

**AVAILABLE SYSTEM COMPONENTS**

**Investing**
VITA AMBRIA INVEST P + F
VITA AMBRIA MUFFEL SYSTEM

**Pressing**
VITA VACUMAT 6000 MP
VITA AMBRIA PLUNGER

**Polishing**
VITA SUPRINITY
polishing instruments

**Staining/Glazing**
VITA AKZENT PLUS

**Veneering**
VITA LUMEX AC
**IDEAL SOLUTIONS FOR THE TREATMENT WORKFLOW**

- **Shade determination**: For digital shade determination, use VITA Easyshade V, and for visual shade determination, use a VITA shade guide.
- **Modeling**: For modeling, use a residue-free combustible modeling or milling wax.
- **Investing**: For investing, use the coordinated investment material system VITA AMBRIA INVEST P + F and the VITA AMBRIA MUFFEL SYSTEM.
- **Pressing**: For pressing, use VITA AMBRIA Pellets, the combipress unit VITA VACUMAT 6000 MP and the disposable press plunger VITA AMBRIA PLUNGER.
- **Veneering**: Veneer your reconstructions with the veneering ceramic VITA LUMEX AC, which is ideally matched to VITA AMBRIA.
- **Characterization and Glazing**: Characterize and glaze restorations with the VITA AKZENT PLUS stains/glazing materials.
- **Polishing**: Polish restorations with the recommended VITA SUPRINITY Polishing Set.
- **Bonding**: Secure restorations fully or self-adhesively with VITA ADIVA LUTING SOLUTIONS.

*) Optional: Veneering with VITA LUMEX AC is an optional process step and is not necessary for the monolithic restoration concept.
WE ARE HERE TO HELP

More information on products and processing is also 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 delivery, product data and marketing materials.

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You can find more information on VITA AMBRIA at: www.vita-zahnfabrik.com/ambria

1. References
1. Internal studies, VITA R&D:
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For detailed test data, see the technical and scientific documentation
VITA AMBRIA® PRESS SOLUTIONS
Download at www.vita-zahnfabrik.com/ambria

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VITA Zahnrabrik has been certified and the following products bear the CE mark C 0124:

VITA AMBRIA®

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