Press
The original lithium disilicate press ceramic
IPS e.max® Press is the original premium lithium disilicate glass-ceramic (LS₂) for the press technique. It combines accuracy of fit with excellent function and outstanding esthetics as well as high strength. Moreover, IPS e.max Press is exceptionally user friendly. The material comes in a wide range of shades and translucency levels for utmost efficiency.

**Exceptional esthetics**

as expected from IPS e.max

**Well-thought-out assortment**

a suitable ingot for virtually every indication

**Efficient production**

coordinated workflows

IPS e.max Press is based on the IPS e.max all-ceramic system, which dentists, dental technicians and patients have been relying on for many years. It is the product of extensive knowledge and experience and exceptional passion.
The most widely used press ceramic in the world
IPS e.max Press covers the broadest indication spectrum in the world. It is the only press ceramic on the market that allows you to produce monochromatic restorations as well as polychromatic and implant-supported restorations. Due to the high strength of the lithium disilicate glass-ceramic, full-contour crowns with a minimum thickness of one millimetre can be produced.

Wide indication spectrum

IPS e.max® Press Multi
Press in multicolour – glaze – and you’re done

High-strength, polychromatic press results: The innovative IPS e.max Press Multi ingots produce monolithic restorations showing a lifelike colour progression. The outcome: high chroma in the dentin area and the desired translucency in the incisal area.

The restorations show the type of natural-looking appearance, which is usually achieved with the time-consuming application of individual layers.
Pressed to the highest esthetic standards
The extensive assortment of IPS e.max Press features a suitable ingot for a myriad of clinical situations – matched to the desired restoration shade. IPS e.max Press opens up a wide range of possibilities, whether you choose to use the efficient staining technique, the customized cut-back technique or the highly esthetic layering technique.

<table>
<thead>
<tr>
<th>IPS e.max Press Multi</th>
<th>IPS e.max Press HT</th>
<th>IPS e.max Press MT</th>
<th>IPS e.max Press LT</th>
<th>IPS e.max Press MO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ingot</strong></td>
<td>![Ingot Image]</td>
<td>![Ingot Image]</td>
<td>![Ingot Image]</td>
<td>![Ingot Image]</td>
</tr>
<tr>
<td><strong>Translucency</strong></td>
<td>Progression of shade and translucency from the dentin to the incisal area</td>
<td>High translucency similar to that of natural enamel</td>
<td>Medium translucency</td>
<td>Low translucency similar to that of natural dentition</td>
</tr>
<tr>
<td><strong>Shades</strong></td>
<td>10 (BL2, A1, A2, A3, A3.5, B1, B2, C1, C2, D2)</td>
<td>20 (4 Bleach BL, 16 A-D)</td>
<td>7 (BL2, BL3, BL4, A1, A2, A3, B1)</td>
<td>20 (4 Bleach BL, 16 A-D)</td>
</tr>
<tr>
<td><strong>Indications</strong></td>
<td>Veneers, crowns, hybrid abutment crowns</td>
<td>Thin veneers, occlusal veneers, veneers, inlays, onlays, partial crowns</td>
<td>Thin veneers, occlusal veneers, veneers, partial crowns, crowns, bridges</td>
<td>Veneers, partial crowns, bridges, hybrid abutments, hybrid abutment crowns</td>
</tr>
<tr>
<td><strong>Technique</strong></td>
<td>Staining technique Cut-back Technique</td>
<td>Staining technique Cut-back Technique</td>
<td>Staining technique Cut-back Technique</td>
<td>Staining technique Cut-back Technique</td>
</tr>
</tbody>
</table>
**IPS e.max® Shade Navigation App**

Five easy steps to finding the correct shade and translucency level

<table>
<thead>
<tr>
<th>IPS e.max Press HO</th>
<th>IPS e.max Press Impulse</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="High opacity" /></td>
<td><img src="image2.png" alt="Lifelike opalescent effect for the replacement of enamel" /></td>
</tr>
<tr>
<td>3 (HO 0, HO 1, HO 2)</td>
<td>2 (Opal 1, Opal 2)</td>
</tr>
<tr>
<td>Frameworks on severely stained cores</td>
<td>Thin veneers, occlusal veneers, veneers</td>
</tr>
<tr>
<td>Layering technique</td>
<td>Staining technique Cut-back Technique</td>
</tr>
</tbody>
</table>

**Indications**
- Veneers, crowns, hybrid abutment crowns
- Thin veneers, occlusal veneers, veneers, inlays, onlays, partial crowns
- Veneers, partial crowns, bridges, hybrid abutments, hybrid abutment crowns
- Frameworks on lightly stained cores, hybrid abutments
- Frameworks on severely stained cores

**Technique**
- Staining technique
- Cut-back Technique
- Layering technique

**Progression of shade and translucency from the dentin to the incisal area**
- High translucency similar to that of natural enamel
- Medium translucency
- Low translucency similar to that of natural dentition
- Medium opacity
- High opacity
- Lifelike opalescent effect for the replacement of enamel

**Shades**
- 10 (BL2, A1, A2, A3, A3.5, B1, B2, C1, C2, D2)
- 20 (4 Bleach BL, 16 A–D)
- 7 (BL2, BL3, BL4, A1, A2, A3, B1)
- 20 (4 Bleach BL, 16 A–D)
- 5 (MO 0, MO 1, MO 2, MO 3, MO 4)
- 3 (HO 0, HO 1, HO 2)
You can rely on the original glass-ceramic
"The IPS e.max Press Multi ingots are sensational. They are characterized by outstanding efficiency, excellent esthetics and function and a monolithic structure."

Oliver Brix
Germany
Striking esthetics

Clinical cases
with exquisite, natural-looking outcomes

Veneers (14 – 24): IPS e.max® Press, IPS e.max® Ceram
Dr Luis R. Sanchez Ramirez, Mexico / Alen Alic, Croatia

Upper anterior crown and lower veneers and onlays
IPS e.max® Press and IPS e.max® Ceram
Prof. Dr Petra Gierthmühlen / Udo Plaster, Germany
Superb quality

reliable

96.2 % survival rate

complete confidence

high stability
96.2 % survival rate¹

Various long-term studies confirm the high level of safety and impressive reliability of IPS e.max Press. In the 10-year study of K. Malament, a total of 5,113 cumulative years of observation showed a failure rate of 0.14 % per year.

2.5 - 3 MPa · m¹/² fracture toughness²

IPS e.max Press is capable of resisting crack growth for an exceptionally long time. This high fracture toughness inspires confidence.

470 MPa flexural strength³

Since 2005, regular measurements have confirmed the high biaxial flexural strength of IPS e.max Press: The typical mean value over a period of ten years is 470 MPa – an excellent prerequisite for reliable, long-lasting results.

¹ IPS e.max® Scientific Report, vol. 03/2001 – 2017
² Fracture toughness (SEVNB), R&D Ivoclar Vivadent, Schaan, Liechtenstein
³ Typical mean value of the biaxial flexural strength over a period of 10 years
R&D Ivoclar Vivadent, Schaan, Liechtenstein
Obtain impressive **results easily and efficiently**

**1 Design choices**

Ivoclar Vivadent supplies a specialized cementation system for use with IPS e.max Press.

- Esthetic cementation with the Variolink® Esthetic luting composite
- Easy conditioning with the self-etching glass-ceramic primer Monobond Etch & Prime®

Finding your way out of the cements maze: www.cementation-navigation.com

**7 Appropriate cementation**

Ivoclar Vivadent supplies a specialized cementation system for use with IPS e.max Press.

- Esthetic cementation with the Variolink® Esthetic luting composite
- Easy conditioning with the self-etching glass-ceramic primer Monobond Etch & Prime®

The stains and glazes of the IPS Ivocolor® assortment enable you to customize all IPS ceramic materials.

- Simplified handling due to innovative paste formulation
- High gloss at a firing temperature of only 710 °C
- Fluorescence with IPS Ivocolor Glaze Fluo

**6 Characterization and glazing**

The IPS e.max Digital Press Design software allows you to take the best possible advantage of digital workflows.

- Fast and reliable spruing
- Maximum efficiency and coordinated processes

If a manual procedure is preferred, modelling wax is used to create the individual design.
IPS e.max Ceram is a versatile layering ceramic featuring intuitive modelling properties and excellent stability.

- Consistent layering scheme
- Harmonious shade adjustment
- Excellent firing behaviour

IPS® PressVest Premium ensures optimum press results with IPS e.max Press and therefore the fabrication of superior-quality restorations.

- Exact, precision fit
- Extremely smooth, homogenous surfaces

The two intelligent press and ceramic furnaces Programat® EP 3010 and EP 5010 produce outstanding firing results. Restorations are pressed easily and efficiently at the push of a button due to the fully automatic press function (FPF).

The IPS e.max Shade Navigation App (SNA) assists you in finding the most suitable shade and translucency – for reliable and relaxed working.