

IPS e.max[®]
IPS

IPS e.max[®] Ceram FOR CUSTOMIZED ESTHETIC LAYERING



ivoclar[®]
vivadent[®]
passion vision innovation

More **all-ceramics**. More **choice**.

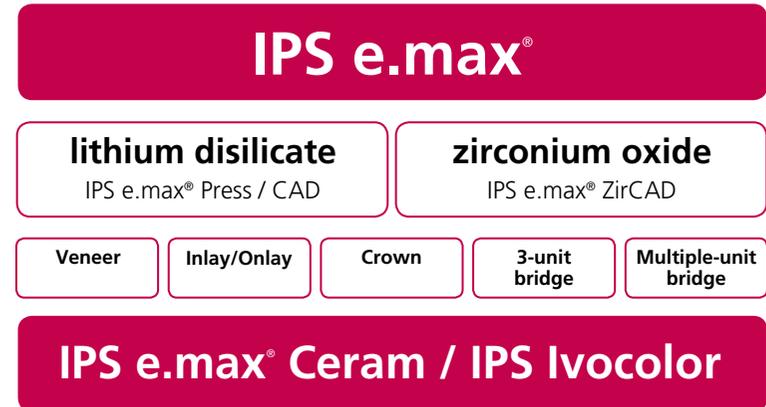
More **IPS e.max®**.

Treat yourself to the most popular* all-ceramic system in the world – the highly acclaimed IPS e.max®!

This comprehensive, high-quality all-ceramic system is suitable for all types of fixed prosthetic restorations. IPS e.max is backed by the reliable IPS e.max Press and IPS e.max CAD lithium disilicate ceramics, the innovative IPS e.max ZirCAD zirconium oxide, the matching IPS e.max Ceram veneering ceramic and the IPS e.max ZirPress press-on ceramic.

Create highly esthetic layered restorations that have been completed using the cut-back technique or merely stained to increase efficiency. The universal staining and glazing assortment IPS Ivocolor ideally complements the IPS e.max Ceram layering materials

*based on sales figures



IPS e.max® all ceramic – all you need

C. D. Lucio A. Quevedo Hernández / Ramón A. Sánchez Hernández, Mexico
IPS e.max Smile Award 2016, USA, third place



Exceptionally strong and reliable.

More than 10 years of IPS e.max[®].

IPS e.max is based on more than ten years of experience, profound expertise and innovative strength. You benefit from the system's reliability and versatility as well as from ongoing product development. Both users and patients are absolutely delighted with the materials's exceptional esthetics. Numerous long-term studies confirm the outstanding reliability and safety of IPS e.max. The overall survival rate of IPS e.max restorations in the mouth of patients is 96.6 per cent¹. Therefore, you can depend on restorations that will last for many years.



Starting situation



After seating the restorations



After 10 years in situ

Dr Sidney Kina /
José C. Romanini, Brazil

”

Surface texture and brilliance give the tooth a unique appearance. Given its high firing stability, coordinated effects and natural appearance, IPS e.max Ceram fulfils all my requirements. Even after ten successful years on the market, ongoing additions ensure that the material remains on the cutting edge and keeps pace with contemporary trends.

”



Michele Temperani, Italy

More than 100 million restorations²

More than 10 years of clinical evidence

1 system The most used all-ceramic system in the world²

96% customer satisfaction³

¹ IPS e.max Scientific Report Vol. 02/2001-2013

² based on sales figures

³ Corporate Market Insight Ivoclar Vivadent AG, Liechtenstein

Versatile veneering ceramic. Modern appearance.

Veneering ceramics play a key role in the esthetics of a restoration. Only a subtle interplay of shade, translucency, opalescence, fluorescence and brightness creates a lively appearance of the natural and restored dentition.

IPS e.max® Ceram is a highly esthetic fluorapatite layering ceramic that offers a proven track record of over ten years. The material forms part of the IPS e.max system and is designed for the veneering of frameworks made of IPS e.max lithium disilicate glass-ceramic (LS₂) and zirconium oxide (ZrO₂), e.g. IPS e.max ZirCAD. A consistent layering scheme allows the technician to achieve a harmonious shade match in no time at all, regardless of the substructure. This increases the efficiency of everyday lab work.



Extensive portfolio.

Efficient and convenient handling.

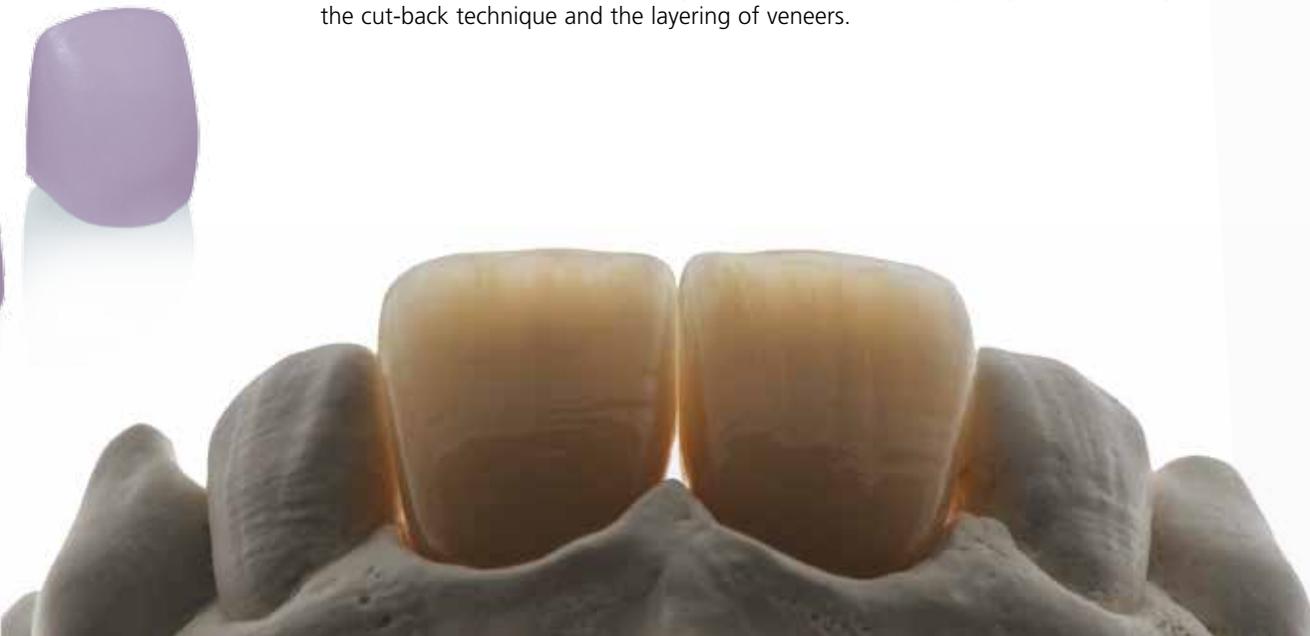
Versatility at its best

IPS e.max Ceram offers a broad range of additional ceramic materials in powder form, such as Margin, Impulse and Opal materials. It does not matter whether an efficient standard layering scheme or high-end layering design to produce lively dynamic optical effects has been chosen, IPS e.max Ceram allows exceptional flexibility and versatility and provides natural-looking veneers.

Optimum processing properties

Intuitive modelling properties and a good stability are characteristics of IPS e.max Ceram that have satisfied users for many years. Exceptional firing behaviour and low shrinkage minimize the need for adjustments. The materials do not change their shade even if they are fired several times and they demonstrate a compact surface finish. They thus meet all the expectations placed on a state-of-the-art veneering ceramic.

IPS e.max Ceram materials are designed for the customized layering of full-coverage veneers, the cut-back technique and the layering of veneers.



IPS e.max[®] Ceram. Stunningly life-like restorations.



IPS e.max[®] Ceram on IPS e.max Press / Thorsten Michel, Dr Frank Schuetz, Germany

Dentin and Incisal materials

The classical IPS e.max Ceram Dentin and Incisal materials are tailored to meeting the needs of opaque all-ceramic sub-structures that reflect more light. Therefore, they are ideally suited to veneering this type of framework. The result is a balanced relationship between brightness and chroma. An ideal match with the A–D shades can be achieved.

”

IPS e.max has been on the market for more than 10 years. The clinical successes of IPS e.max convince the entire dental team. Dentists particularly value the adhesive cementation option and the final strength of the material in situ. In my opinion, the light optical effects that I can achieve with the IPS e.max Ceram Opal materials are sensational. The restorations maintain their opalescence and their beautiful effects even after several firing cycles.

”



Thorsten Michel, Germany

IPS e.max[®] Ceram Power. More **brightness**. More **options**.



IPS e.max[®] Ceram (Power) on IPS e.max Press / Oliver Brix, Dr Torsten Siepenkothen, Germany

Even more powerful Dentin and Incisal materials

Today's translucent substructures reflect less light, reducing the brightness of the completed restoration. The IPS e.max Ceram Power Dentin and Power Incisal materials counteract this reduction in brightness. These two materials provide a natural brightness on translucent frameworks without having to modify the customary layering scheme. If they are used on more opaque substructures, clearly more brightness is achieved.



To imitate the shade nuances of natural teeth as well as their build-up, the brightness value and the in-depth effects must be matched first and foremost. We want to create a balance between opacity, depth and shade. After 10 years of experience with IPS e.max Ceram and various personal optimizations, the new IPS e.max Ceram Power layering materials are now available and I have had the privilege to be included in the process of designing them. The materials with the newly adjusted brightness values represent a useful and indispensable complement to the IPS e.max Ceram assortment.



Oliver Brix, Germany

IPS e.max® Ceram Selection. Vibrant colours. Life-like effects.

The IPS e.max Ceram Selection range comprises Enamel and Effect materials that are especially designed to give you more room for creativity and individuality in the layering technique. The materials are used in combination with the existing IPS e.max Ceram materials. They are characterized by their brilliant colours and superb light-optical properties.

The IPS e.max Ceram Selection range comprises a selection of twelve special powders, which help you to recreate individual tooth characteristics. The twelve shades are divided into three groups: The six Special Enamel materials with their enamel-like translucency enable you to adjust the colour saturation and chroma. The three Light Reflector materials are light reflecting Effect materials, while the three Light Absorber materials are light absorbing Effect materials. They allow the brightness value to be deliberately increased or reduced in order to achieve an impressive esthetic appearance in addition to life-like effects.



IPS e.max® Ceram (Selection), Dominique Vinci, Switzerland

Created with passion
and experience ...



Oliver Brix, DT, Germany

... with the aim to copy nature
as closely as possible ...



August Bruguera, DT, Spain

... and the desire,
to share this knowledge.



Gérard Ubassy, DT, France

IPS e.max® Ceram Gingiva. Pink esthetics at its best.



A crown or bridge will only look esthetic if it harmonizes with the (natural) gingiva. "Pink esthetics" plays a pivotal role in implant-supported restorations in particular.

Shade nuances

The IPS e.max Ceram Gingiva materials are available in a number of shade variations. They are utilized to reconstruct gingival structures that reflect the patient's age and characteristics. The shade variations range from orange and reddish to bluish. This assortment allows the natural gingiva to be easily imitated.

Individualization

The existing range of IPS e.max Ceram Gingiva materials has been extended to include the two shades BG 34 and IG 5. Furthermore, the range includes the IPS e.max Ceram ZirLiner Gingiva, which is especially designed for use on zirconium oxide. Gingival portions can be customized with IPS Ivocolor Essence powders in shades rose, coral and basic red.



IPS Ivocolor. Innovative **staining system**. Versatile range of customization options.

IPS Ivocolor is the innovative assortment of stains and glazes that has been especially designed for IPS e.max ceramic materials. It offers a versatile range of customization options for outstanding esthetic results. Due to their universal nature and low firing temperature (710 °C), IPS Ivocolor can also be used for the customization of other Ivoclar Vivadent ceramics such as IPS e.max Press, IPS e.max ZirCAD or IPS Style®. The possibility of using one staining and glazing system for both all-ceramics and metal-ceramics increases the effectiveness and efficiency in the dental lab.



Programat®. Exclusive design. Intelligent technology.

The latest generation of Programat® ceramic furnaces are ideally tailored to the firing of the IPS e.max Ceram layering ceramic. The furnaces produce excellent firing results. Additionally, the Programat P510 and P710 furnaces are equipped with an infrared thermal camera, which automatically controls the pre-drying and closing processes. This feature enhances the process reliability of the firing protocol.

Digital Shade Assistant

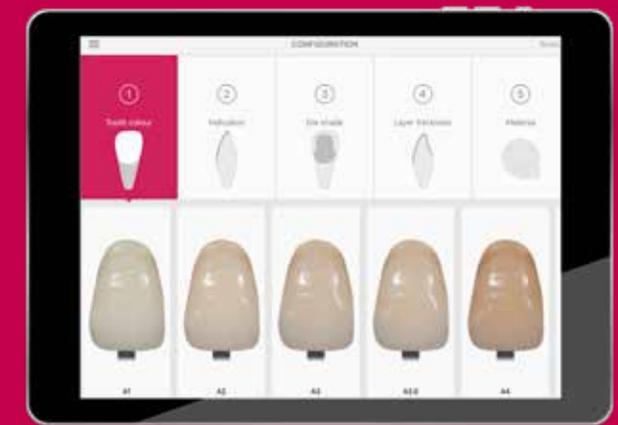
The Programat P710 comprises the patented, innovative Digital Shade Assistant (DSA) that allows the tooth shade of the patient to be digitally determined. Special image processing software compares the shade of the tooth in question with three pre-selected shade-guide teeth on one image and identifies the closest shade match in the A-D shade range.



Intelligent shade recommendation.

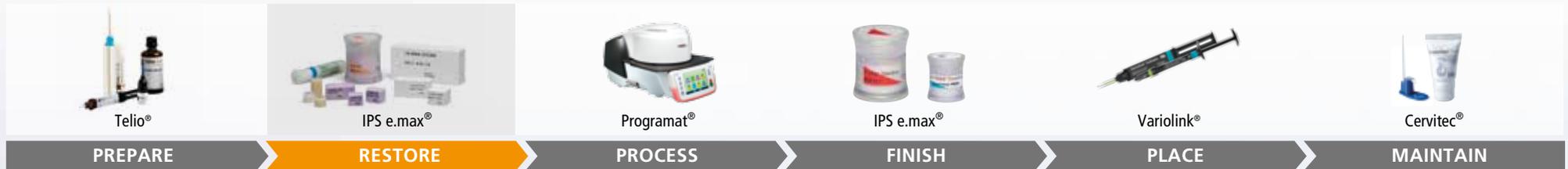
Intelligent shade recommendation

Selecting the correct ingot, block or disc has never been easier. The IPS e.max Shade Navigation App (SNA) provides you with the correct solution in next to no time. Simply feed the app with the relevant factors that influence the tooth shade as well as the desired final colour, and the app will present the best possible solution – simply ideal for all cases that require esthetic refinement and subtlety and where efficiency and reliability are paramount.



Fixed Prosthetics

IPS e.max® Ceram forms a part of the “Fixed Prosthetics” product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

Programat®

Press and ceramic furnaces for demanding requirements



Packed with proven technology and advanced innovations

- Outstanding press and firing results
- Ideally coordinated with the ceramic materials of Ivoclar Vivadent
- Easy operation

Variolink® Esthetic

The esthetic luting composite



The luting composite for exceptional esthetics and user-friendly processing

- Balanced and concise Effect shade system
- Excellent shade stability due to amine-free composition
- Easy, controlled excess removal

Would you like to know more about the products of the “Fixed Prosthetics” category?

Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.

Ivoclar Vivadent AG
Bendererstr. 2
9494 Schaan
Liechtenstein
Tel. +423 235 35 35
Fax +423 235 33 60
www.ivoclarvivadent.com

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