cara crown and bridge prosthetics
Wide range of indications.

Giving a hand to oral health.
You are looking for digital materials that ensure precise results with a maximum of efficiency? Welcome!

With the cara product range you gain access to the entire CAD/CAM workflow. Our solutions meet your highly specialised requirements and are suitable for even the most complex indications. Yet they are highly efficient, comprehensive and easy to use.

For over 10 years, we have expanded our digital know-how to support and look after your needs in terms of equipment, materials, and service. That is how we are one of the first suppliers to provide their clients with the new Zirconium Dioxide shades.

With these new cara materials, you need fewer production steps and thus achieve highly aesthetic natural results even more efficiently. You will save time due to the more comfortable and more economical processing. Still, the final artistic touches, such as glazing and staining, are up to you.

The demands of the workflow are the central theme of the cara brand to make it as convenient and customised to your needs as possible. Together, let us get you ready for future challenges.
Rely on precision, cost-effectiveness and know-how! The cara Production Centre is available to you as one of today’s most innovative production facilities – operated by experienced experts who master their work processes, machines and technology perfectly.

The cara Production Centre takes your custom design and builds the prosthetic framework structures precisely, ranging from complex geometries with undercuts to divergent dies. This means that you benefit from a fast transfer of knowledge through a strong partner and save on expensive manufacturing investments in milling machines and future technological systems.

**An established technology!** The subtractive production methods include grinding, milling and turning. Continuous perfection means that high-precision and delicate restorations made of various materials, as well as one-piece individual abutments, can be produced. Along with the 3-axis milling used for standard tasks, complex restorations can now be milled using a simultaneous five-axis process.

**The most advanced e-manufacturing!** The additive method is used in the cara Production Centre for producing cobalt-chrome frame structures. With this process, the tool is built up using selective laser melting/sintering (SLM/SLS) through the layer-based application and fusing or powderform material.

Our specialists in the field will be pleased to provide you with information and service. Please contact our local Sales Representative in your country.

**ORDER & CUSTOMER SERVICE**

CARA-SERVICE@KULZER-DENTAL.COM
Materials
Always the right material.

Each indication presents different demands on the material used. With the cara manufacturing service, you can therefore choose from various materials – always keeping the goal in mind of creating highly aesthetic, well tolerated and resilient dentures. With the right pallet of stain shades, veneer ceramics and other finishing solutions, the finest details and shadings can be worked out.

Zirconium HTE: the glow of high translucency.
cara Zirconium Dioxide HTE (High Translucent Esthetic) provides nine shades with an extra touch of high translucency for brilliant aesthetics that seem to glow from within. It is also the ultimate choice for monolithic restorations with brilliant lighting effects. You obtain outstanding results with a minimal effort of staining and glazing.

Zirconium HT: as natural as dentine.
For cara Zirconium Dioxide HT (High Translucent), we selected nine shades based on the more chromatic colouring of dentine. You need fewer layers to create highly aesthetic ceramic veneers with a contrasting dentine core. HT is perfectly suited for veneering – for monolithic restorations we recommend ML or HTE.

Zirconium semi translucent: extremely resilient and compatible.
The high performance ceramic zirconium is a white to tooth-shade material and can be individually used for veneering.

Zirconium multilayer: pure natural gradient.
The multichrome and highly translucent multilayer material with four seamlessly integrated colour layers shows a natural gradient that makes your restorations appear absolutely authentic. The multilayer gradient ensures a realistic appearance from the dentine core to the incisal edge. At the same time the finishing work is reduced to a minimum or can even be eliminated completely.

Zirconium translucent: easy to see through.
The extremely high translucency and tooth-coloured shading make translucent zirconium an excellent alternative to non-precious metal all-cast crowns – especially in the posterior dental region. An ideal solution for producing monolithic crowns and bridge structures cost-efficiently, along with visually attractive frames for ceramic veneers.
Lithium disilicate: created for veneering.

The cara lithium disilicate complements the all-ceramic product range for high-quality single-tooth restorations. The fact that they are made from the tried-and-tested IPS e.max® CAD blanks from Ivoclar Vivadent and the sophisticated grinding strategy ensures that you receive LiSi₂ in outstanding cara quality. The 3Shape DentalDesigner™ software allows you to design inlays and onlays as well as cutback and fully anatomical crowns simply and efficiently.

Polymethyl methacrylate: an art in itself.

The tooth-coloured PMMA acrylics are excellent materials for laboratory fabricated temporary restorations. They can be designed simply and produced cost-effectively. The accurately fitting production makes polymethyl methacrylate the first choice for long-term temporaries, too.

Cobalt-chrome: double alloys better.

cara cobalt-chrome alloys are ceramic bonding alloys which are free from beryllium and cadmium and with which you can produce a smooth, ready-to-veneer frame with no trouble at all. The CoCr frameworks manufactured with the selected laser melting (SLM) additive production process are as homogeneous and accurately fitting as perfectly cast non-precious metal crowns and bridges. The subtractive milling process for framework structures, telescopes and fully anatomical units is characterised by its extremely smooth surfaces.

Titanium: best-equipped.

The low specific weight of titanium increases the wearing comfort for patients. A building-up of protective oxide layer in the case of injuries, low heat conductivity, high corrosion-resistance and thermal stability in ceramic veneers are further advantages of the material. And thanks to its strength, titanium is also suitable for large and complex frame structures.
Indications

cara signifies diversity.

Single-tooth restoration

cara inlays/onlays/veneers**

Veneered and fully anatomic crowns

cara C&B**

Bridges

cara C&B**

Telescopi c technology

cara Telescope**

Zr HTE
Zirconium dioxide HTE
high translucent
esthetic

Zr HT
Zirconium dioxide HT
high translucent

Zr ST
Zirconium dioxide
semi translucent

Zr tr
Zirconium dioxide
translucent

Zr ML
Zirconium dioxide
Multilayer

LiSi2

PMMA

CoCr

SLM

milled

CoCr

milled
Implant prosthetics

cara I-Butment – one-piece**

Please note: Zirconium HTE released technically for cara I-Butment (two-piece) and cara I-Bridge (two-piece) – limited recommendation from aesthetical point of view.

Superstructures

cara I-Bridge – one-piece**

cara I-Bar**

* cara LiSi₂ frames are made of well-proven IPS e.max® CAD blanks by Ivoclar Vivadent.
** This is only a general overview of materials and indications. Further information can be found on kulzer.com/cara
The cara Production Centre is available to you in only 3 steps via cara Meeting Point.

1. Register
2. Login
3. Send data

We are offering even more services for prosthetics, such as Design Service, Copy CAD and the Fully Digital Workflow: kulzer.com/cara-production-times.

HeraCeram®
The perfect match for your finish!

HeraCeram Zirkonia 750 – one ceramic for Zirconium dioxide and Lithium disilicate
HeraCeram Saphir – the new metal-ceramic
HeraCeram Stains universal – ready-to-use stains for all ceramic from Kulzer

Please visit kulzer.com/heraceram to learn more about HeraCeram – our innovative veneering system.