

*Minimal effort –
enhanced aesthetics*

cera**motion**®



© Christian Ferrati •

The complete **ceramic system**

D
DENTAURUM
1886

The ceraMotion® ceramic system

The ceraMotion® concept unifies emotion and progress in a logically designed system. The products within this system are developed and produced in-house. The result is a structurally unified ceramic line, comprising veneering and press ceramics.

| | |
|--|--|
| | ceraMotion® _{Me} Veneering ceramic for metal frameworks (CTE $13,9 \cdot 10^{-6} \text{ K}^{-1}$ - $15,1 \cdot 10^{-6} \text{ K}^{-1}$) |
| | ceraMotion® _{Zr} Veneering ceramic for zirconia and lithium disilicate frameworks |
| | ceraMotion® _{Ti} Veneering ceramic for titanium frameworks |
| | ceraMotion® _{Lf} Low-fusing veneering ceramic for alloys with a high CTE value |

cera^{motion}®



Minimal effort –
enhanced aesthetics



Minimal effort, enhanced aesthetics

The innovative Touch Up concept

The completely user-friendly Touch Up concept produces excellent aesthetics and can also be used for a further range of outstanding applications. The Touch Up special ceramic materials complement the basic programme of the main line ceraMotion® ceramic system. The reduced firing temperatures provide a whole new range of possibilities of use. The Touch Up Opaque, Base Dentines, Dentines and Incisal materials complement the ceraMotion® ceramic system perfectly and are exactly suited.

● enhanced aesthetics

- individual degrees of glaze possible on a single piece of work
- smooth and homogeneous surfaces
- optimal marginal areas, occlusal surfaces and contact points resembling that of natural dentition

● time saving due to less effort

- easy to process correction and glaze firing in one
- safe build-up on objects which have been previously inserted
- easy, quick repair due to reduced firing temperature

From users for users.



Dental Technician Hubert Dieker



Master Dental Technician Waldemar Fritzler



Application of Touch Up material Dentin/Incisal, mixed with modelling liquid



Application of Touch Up to complete the missing occlusion



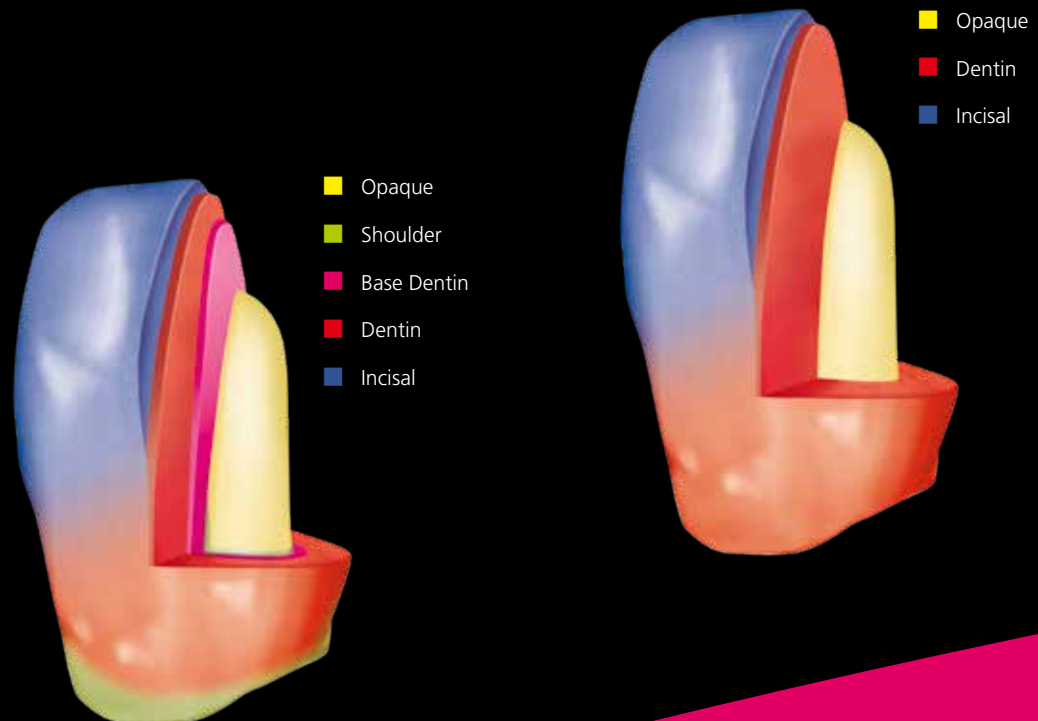
Minimal effort –
enhanced aesthetics

One layering technique for all framework materials

The ceraMotion® hybrid concept

One basic layering technique is maintained throughout all the ceraMotion® ceramic system lines, irrelevant of framework material. This makes the technician's work easier, more efficient and safe. The hybrid concept unites layering and press ceramics as they are both compatible with the same basic components.

- uniform layering technique = consistent results
- layering and pressing, perfectly combined
- higher degree of efficiency and more economical use due to uniform layering technique





Minimal effort –
enhanced aesthetics



- more aesthetics
- more safety
- more cost-effectiveness

Reliability

- high bonding strength



Minimal effort –
enhanced aesthetics

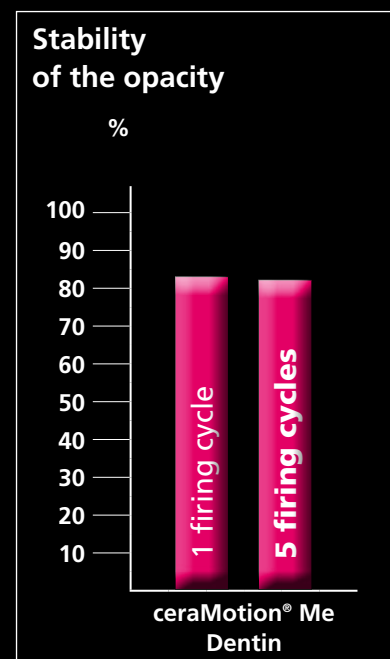
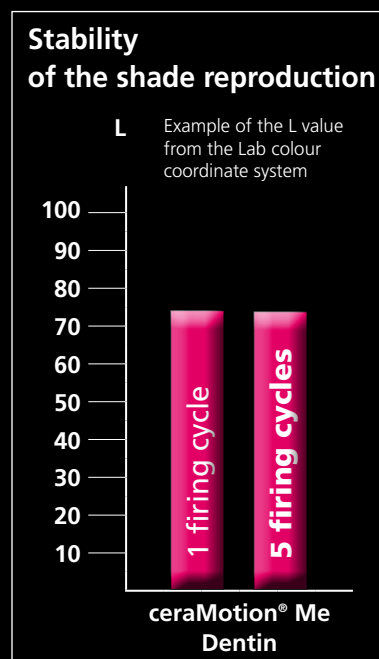


A3 stays A3

Maximum colour stability

The ceraMotion® ceramic system materials are characterised by their ability to replicate the shade guide exactly. This is achieved through the thermocoloration process which was developed by Dentaaurum Ceramics. Heat-treated, non-reactive colour frits guarantee the shade accuracy. In addition, this procedure also guarantees excellent shade stability after multiple firing.

- reliable results thanks to the Dentaaurum Ceramics thermocoloration process
- excellent shade stability after multiple firing
- guaranteed shade accuracy





Minimal effort –
enhanced aesthetics

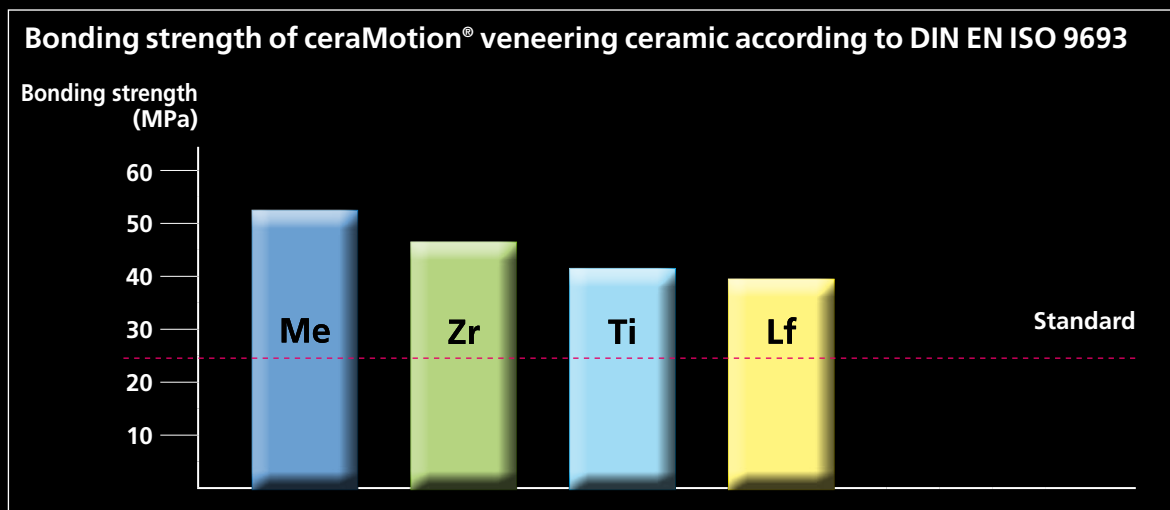


Maximum bonding strength

Innovative TRC-Concept

The new TR Paste Opaque in the ceraMotion® Me line is both an Opaque and Bonder in one. This creates a tension reduced connection between the ceramic and framework material (TRC = Tension Reduced Connection). The layer of TR Paste Opaque acts as a buffer zone which increases the bonding strength, in particular with non-precious metal alloys. Apart from this special characteristic, the TR Paste Opaque is also distinguished by its high degree of opacity, thin layering thickness and easy application.

- maximum bonding strength, in particular with non-precious metal alloys
- Bonder and Opaque together in one TR paste opaque
- tension reduced connection (TRC)
- excellent opacity
- easy application





Minimal effort –
enhanced aesthetics

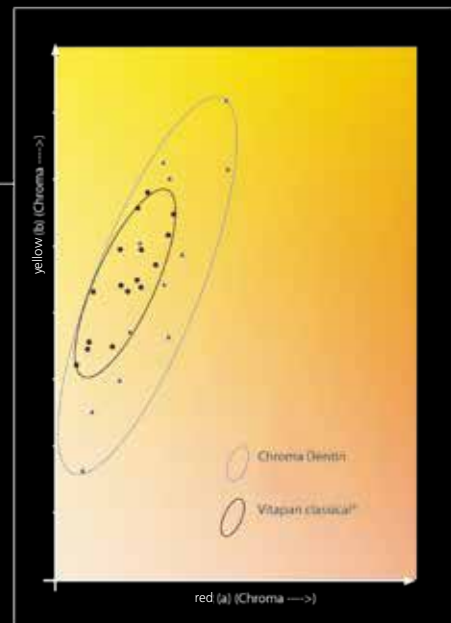
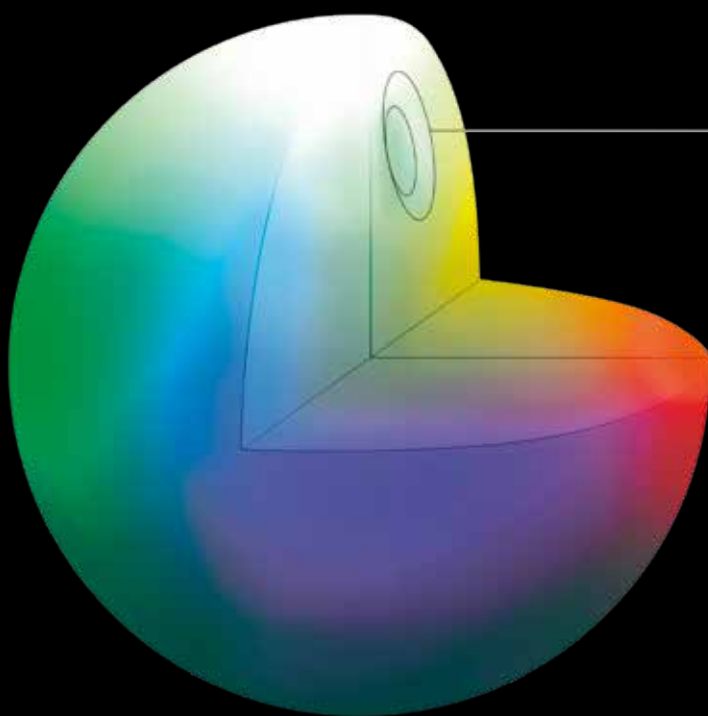


Nature-identical colour variety

The Chroma Concept

The Chroma Concept developed by Dentaaurum Ceramics, with its special ceramic materials, increases the colour dimension and complements almost entirely the spectrum of red, yellow and white colour nuances. This enables to achieve all the colours (standard and bleach materials) in other manufacturers shade guides (eg: Vita-3 D - Master® or Ivoclar-Chromascop®).

- all colour indications possible
- standard and bleach colours available
- covers all shade systems found on the market
- special colour effects are easy to achieve





Minimal effort –
enhanced aesthetics



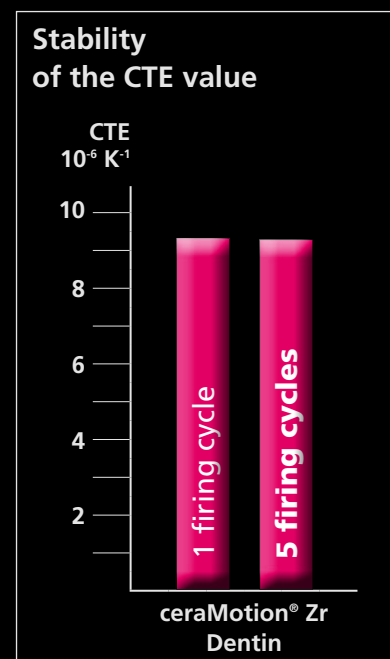
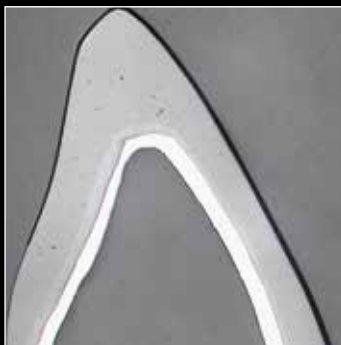
Outstandingly high edge and shape stability

Special production methods

All raw materials within the ceraMotion® line are manufactured synthetically. This means the risk of fluctuations in quality, which can occur in feldspar ceramics, is eliminated. The CTE value will not increase, no matter how many firing sequences are required until the piece of work is finished. This creates an even amount of compressive strength between the framework material and the ceramic throughout processing.

The special mixture of raw materials in the ceraMotion® ceramics and a specially defined grain size distribution produce homogeneous sintering and maximum density. The results are homogeneous, sealed surfaces even without the use of glaze material.

- consistent quality due to synthetically manufactured raw materials
- the CTE will not increase in value after multiple firing
- best possible ceramic stability and strength
- high strength due to maximum material density
- homogeneous, sealed surfaces
- no unwanted rounding off of edges due to high firing stability





Minimal effort –
enhanced aesthetics



A unique spectrum of expertise

Dentaurum is both developer and manufacturer

The extraordinary range of products within the ceraMotion® ceramic system is based upon the Dentaurum Group's unique spectrum of expertise.

All from one source: development and manufacture of ceramic, alloys and investment materials together with exemplary service offers and great reliability through decades of experience.

- 125 years of dental expertise
- customer oriented use of synergies as developers and manufacturers
- safety optimisation through professional advice also available at your own premises
- added value through international skills networking

ceraMotion® – *Development and manufacture by:*
DENTAURUM CERAMICS S.A.S.



Minimal effort –
enhanced aesthetics





CONTACT
DENTAURUM

Dentaurum GmbH & Co. KG



Turnstr. 31
75228 Ispringen · Germany



info@dentaurum.com
www.dentaurum.com



+49 72 31 / 803 - 0



ONLINE SHOP
SHOP.DENTAURUM.COM