

ceraMotion®
One Touch **Pink**



*Pastes
3D*

Instructions for use

Quick and easy finish of pink aesthetics.

Dear Customer,

By choosing Dentaaurum products, you have opted for carefully coordinated, quality products for the production of aesthetic ceramics.

To produce good results with ceramics, it is essential to closely follow the instructions for use for zirconium oxide and lithium disilicate.

In this brochure you will find many practical tips on how to avoid mistakes when processing our products as well as information on possible causes for errors.

Should you nonetheless encounter any problems when processing our products, please do not hesitate to contact us for advice.

Our Customer Support Hotline, available under the telephone number +49 72 31/803-410, is there to help you and to answer your queries.

You can find information and instructions for the use of the Dentaaurum ceramics systems at www.dentaaurum.com.

Our thanks go to master dental technician Germano Rossi, Italy, for kindly providing the photographs used in this brochure.

Easy. Quick. Aesthetic.

ceraMotion®
One Touch **Pink**

ceraMotion® One Touch Pink are specially developed 3D pastes for the aesthetic finalization and characterization of the gingiva-colored parts of ceramic restorations, made of lithium disilicate and zirconium oxide.



- ✓ Fast and easy handling thanks to ready-mixed ceramic pastes.
- ✓ Set specially assorted for the individual design of pink aesthetics.
- ✓ Maximum aesthetics thanks to color-coordinated pastes with 3D effect.
- ✓ ceraMotion® One Touch Pink pastes are NOT fluorescent, just like natural gingiva.

The ceraMotion® One Touch Pink products.

The ceraMotion® One Touch Pink Set contains 7 single masses as well as special liquids and accessories. The 3D pastes were specially developed for the aesthetic finalization and characterization of the gingiva-colored parts of ceramic restorations, made of lithium disilicate and zirconium oxide (p. g. Nacera®*, ceraMotion® LiSi).

All parts of the set are also available individually.



* Nacera® is a registered trademark of Doceram Medical Ceramics GmbH, Germany.

The ceraMotion® One Touch Pink Set
(REF 250-803-70) contains all the
individual components.



Description	Contents	REF
3D PASTES		
ceraMotion® Paste 3D Gingival 1	3 g	250-330-03
ceraMotion® Paste 3D Gingival 2	3 g	250-331-03
ceraMotion® Paste 3D Gingival 3	3 g	250-332-03
ceraMotion® Paste 3D Gingival 4	3 g	250-333-03
ceraMotion® Paste 3D Gingival white	3 g	250-334-03
ceraMotion® Paste 3D Gingival transpa	3 g	250-335-03
ceraMotion® Paste 3D Gingival Modifier	3 g	250-336-03

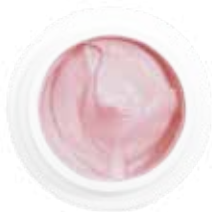
Description	Contents	REF
BRUSHES		
3D Brush	1 piece	260-906-20
LIQUIDS		
Diluting Liquid	10 ml	254-012-01
Refreshing Liquid	10 ml	254-014-01



Paste 3D Gingival transpa



Paste 3D Gingival white



Paste 3D Gingival 1



Paste 3D Gingival 2



Paste 3D Gingival 3



Paste 3D Gingival 4



Paste 3D Gingival Modifier

ceraMotion® One Touch pastes overview.

All ceraMotion® One Touch 2D and 3D pastes, liquids and ceraMotion® Stains Universal can be mixed with each other.

2D PASTES

	Paste 2D body A	Paste 2D body B	Paste 2D body C	Paste 2D body D	Paste 2D white	Paste 2D grey	Paste 2D honey	Paste 2D blue	Paste 2D violet	Paste 2D Incisal I2	Paste 2D Incisal I3	Paste 2D Body R	Paste 2D Body L	Paste 2D Body R+	Paste 2D Body orange
ceraMotion® One Touch	✓	✓	✓	✓	✓	✓	✓	✓	✓						
ceraMotion® One Touch No Limits										✓	✓	✓	✓	✓	✓
ceraMotion® One Touch Pink															

3D PASTES

Paste 3D I2	✓		
Paste 3D lumin	✓		
Paste 3D neutral	✓		
Paste 3D opal blue	✓		
Paste 3D opal grey	✓		
Paste 3D opal honey	✓		
Paste 3D Dentin bleach		✓	
Paste 3D Dentin light		✓	
Paste 3D Dentin medium		✓	
Paste 3D Dentin dark		✓	
Paste 3D transpa		✓	
Paste 3D Incisal opal bright		✓	
Paste 3D I3		✓	
Paste 3D Gingival 1			✓
Paste 3D Gingival 2			✓
Paste 3D Gingival 3			✓
Paste 3D Gingival 4			✓
Paste 3D Gingival white			✓
Paste 3D Gingival transpa			✓
Paste 3D Gingival Modifier			✓

Steps from beginning to end.



1

Basic

Framework preparation

- Lithium disilicate
Blast with Al_2O_3 50 μm /
1–2 bar, steam-clean
(blasting abrasive, REF 128-017-00).
- Zirconium oxide
Prepare according to
manufacturer's instructions.

2

Basic

Apply Diluting Liquid

The restoration must be coated completely with a thin layer of Diluting Liquid.

3

Individual

Apply 3D paste

You can use the enclosed brush (3D Brush, REF 260-906-20) to apply 3D pastes.

4



Basic

First firing

Fire the finished restoration
at 730 °C/1346 °F.

5



Individual

- 3D pastes

6

7



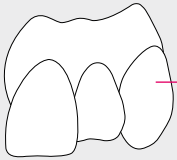
Individual

Second firing

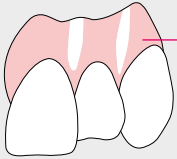
Fire the finished restoration
at 720 °C/1328 °F.

Finished!

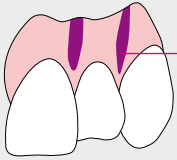
Example layering scheme.



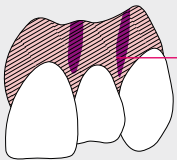
● Finalization with ceraMotion® One Touch 2D and 3D pastes.



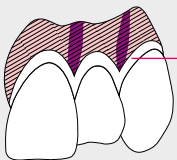
● Application of ceraMotion® One Touch 3D Gingival 3.



● Application of ceraMotion® One Touch 3D Gingival Modifier.



● Apply thin layer of Gingival 2, optionally mixed with Gingival transpa.



● Apply Gingival 1, optionally mixed with Gingival transpa.

Firing Chart.



The firing temperatures indicated are guidelines. Deviations are possible for different furnaces and the values listed below may need to be altered accordingly.


We recommend you to run a trial firing to find the right temperature for your furnace. This is the only way to find the right firing procedure for your furnace.

General firing chart

	Temperature at start (°C/°F)	Drying time (min)	Heat rate* (°C/°F per m)	Vacuum start (°C/°F)	Vacuum end (°C/°F)	Firing temperature (°C/°F)	Hold-time** (m)
First firing cM 2D and 3D Paste cM Zr Paste Glaze	450/842	8	55/131	450/842	730/1346	730/1346	1 (without vacuum)
Second firing Correction cM 2D and 3D Paste cM Zr Paste Glaze	450/842	8	55/131	450/842	720/1328	720/1328	1 (without vacuum)

* Reducing the heat rate improves the firing quality in the case of large restorations.

** Extend the hold-time in the case of large restorations to compensate for the poor thermal conductivity of ZrO₂.

 Please take note of the manufacturer's instructions when creating the framework.

Processing tips.

- T1 To intensify the color, mix 3D Gingival Modifier with 3D Gingival pastes (1, 2, 3, 4).
- T2 To reduce color intensity, mix 3D Gingival white with 3D Gingival pastes (1, 2, 3, 4).
- T3 To reduce opacity, mix 3D Gingival transpa with 3D Gingival pastes (1, 2, 3, 4).
- T4 The surface structure of the paste can be modeled (to keep the form, do not add too much liquid).
- T5 To reduce the glaze level, turn the firing temperature down to 720 °C / 1328 °F.
- T6 The surface can be finished using a silicone polisher as desired.
- T7 If the 3D paste is too dry, add Refreshing Liquid.
- T8 Use Diluting Liquid to reduce viscosity if necessary.



Germano Rossi, MDT, Italy





Making good use of synergies.

Both ceraMotion® One Touch and ceraMotion® Zr veneering ceramics harmonize perfectly with lithium disilicate and zirconium oxide.

Many Dentaaurum products can be combined with one another very efficiently.

A whole range of aesthetic, all-ceramic materials is available with the large selection of Nacera®* zirconium oxide blanks and ceraMotion® LiSi press ceramics.

The right material for all applications:

Material	All-ceramic	Finishing pastes	Veneering ceramics
Lithium disilicate			
Zirconium oxide			

* Nacera® is a registered trademark of Doceram Medical Ceramics GmbH, Germany.

Technical data.

Classification CE 0483

ceraMotion® One Touch pastes are dental ceramics Class 1 (according to DIN EN ISO 6872:2015) for the finishing of frameworks made of zirconia and lithium disilicate.

Indications

Characterization and glazing of ceramic materials:

- Zirconium oxide
- Lithium disilicate


Contraindications

- ceraMotion® One Touch is contraindicated for all applications that are not listed under the heading "Indications".
- ceraMotion® One Touch may not be used if there is a known intolerance to any of the ingredients.


Physical data

	Test standard	Measurements	Values
Coefficient of thermal expansion	ISO 6872:2015	CTE (25 °C/77 °F-Tg) [10^{-6} K^{-1}]	3D pastes = 9.1 Paste Glaze = 8.9
Flexural strength (3 point flexural test)	ISO 6872:2015	> 50 MPa	> 115 MPa
Chemical solubility	ISO 6872:2015	< 100 $\mu\text{g}/\text{cm}^2$	$\approx 30 \mu\text{g}/\text{cm}^2$
Transformation temperature (Tg)	ISO 6872:2015	–	$\approx 480 \text{ °C} - 490 \text{ °C}$ (896 °F – 914 °F)

Meaning of the listed symbols.

 Please observe the processing instructions

 Batch number

 Storable until (Date: Year – Month)

  0483

RxOnly Sale and use only to/by specialist personnel

Warning notices.

Only for dental use by a qualified expert. The user must ensure that the intended use corresponds to the manufacturer's specifications.

Measures for protection of equipment and products.

Furnaces should be maintained, cleaned, and calibrated regularly. When grinding and blasting the objects, wear safety glasses and breathing protection and use a suction unit. There is a risk of combustion when firing in the furnace. Therefore, wear gloves and use tongs.

General information.

To protect the product against contamination, choose a suitable work area and use clean instruments and tools. In the processing of the medical products, products in question should be stored between 10 °C and 35 °C (50 °F and 95 °F). These non-toxic products can be disposed of without an issue if the statutory provisions are upheld.

Dentaurum

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Subject to modifications

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