WELCOME TO THE DENTALISTS!

The dental digitalisation is moving forward. This not only applies to the materials and their processing, but also to the entire workflow and the interfaces between the dental practice and laboratory. VOCO sees itself as a partner of both sides and with products “Made in Germany” they want to dedicate to a profitable cooperation across all interfaces.

Our goal is reliable workflows for results of the highest and constant quality. We precisely synchronize disposable materials and processing units. At the same time, open interfaces are offered in order to ensure a maximum flexibility of the laboratory and dental practice.

Inform yourself on the next page about our versatile programme in proven VOCO quality “Made in Germany”:

- Disposable materials and devices for additive processes in 3D printing
- Blanks for subtractive production, suitable for many known milling units
- Materials – approved in daily routine – for luting, relining, fabrication of temporary restorations, execution of repairs and impressions
- Tools and cleaning agents to facilitate your workflows

Orient yourself quickly and easily in our catalogue and use our icons to identify the key product features of each product at a glance.

We will be pleased to answer your questions in regards to our products and their application. You can contact us at 0800 44 444 555 or visit our website, which is available to you around the clock: www.voco.dental.

Find news, information and other VOCO fans at Facebook, Instagram and YouTube!

With kind regards from Cuxhaven

Your VOCO-Team
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ICONS

The VOCO laboratory catalogue provides the comprehensive information on every individual product that you are used to, giving a quick and practical overview of the laboratory product range. The main product characteristics are now immediately accessible at a glance: Our new icons visualise the core properties, providing instant information on whether you are looking at a dual-curing or a self-curing material, which indications apply to a product, or the number of shades in which it is offered.

**Curing of the material**
- **DC** dual-curing: This product either cures through exposure to light or it self-cures chemically. For detailed information, please consult the instructions for use.
- **SC** self-curing: This product self-cures chemically. For detailed information, please consult the instructions for use.
- **10 sec** light-curing: This product cures through exposure to light. The time indicated represents the average time. For detailed information, please consult the instructions for use.
- **no conditioning**
- **self-etch**

**Radiopacity**
- **300% radiopacity**

**Indication of working time**
- **≤ 2 min.**

**Method of application**
- Preparatory conditioning of the tooth surface is not required before application of this material to the tooth. For detailed information, please consult the instructions for use.

**Method of application**
- No separate etching of the tooth surface is required before the adhesive system (bond) is used. For detailed information, please consult the instructions for use.

**Hardness of the material**
- **Shore-A 80**

**Indication of retention time in the mouth**
- This product is retained in the mouth for the minimum duration shown.

**Material compatibility**
- This product can be used with the materials indicated. For detailed information, please consult the instructions for use.

**Working directions**
- This product does not require additional polishing when completely cured. For detailed information, please consult the instructions for use.

**Material compatibility**
- This product can be used with the materials indicated. For detailed information, please consult the instructions for use.

**Non-sedimenting**
- This product is non-sedimenting. The product enables additive manufacturing of objects from homogeneous solution throughout the entire printing process.

**Indication of retention time in the mouth**
- This product is retained in the mouth for the minimum duration shown.

**Indication of working time**
- The maximum extraoral working time for this product is as shown.
**V-Print® cast**

Light-curing resin for the generative production of burn-out objects for casting and pressing processes

**Indications**
Production of objects which can be burned out without leaving any residues for casting processes and press ceramics

**Advantages**
- Reliable printing process – nonsedimenting over the entire printing duration
- Reproducible – simple duplication prior to casting
- Quick finishing process – precisely printed objects allow for high quality of reproduction
- High form and edge stability – reliable checking of occlusion and lateral movements
- Finishing at an early stage – instrument-friendly finishing of objects in light-cured state
- High compatibility – can be used with commercially available phosphate-bonded investment materials
- Restorations free of impurities – V-Print cast burns without residue

**V-Print® tray**

Light-curing resin for the generative manufacture of individual trays, base plates and occlusal registrations using CAD / CAM technology

**Indications**
Individual impression and function trays
Bases for bite templates and wax assemblies for full dentures
Occlusal registrations

**Advantages**
- Saving of time – printable in high layer thicknesses (up to 200 µm)
- Distortion-free impressions – thanks to the great strength
- Universal – suitable for all types of impression material
- Rapid and efficient – object printing including the forming of functional peripheries, retention elements and gaps for implant impressions
**V-Print® splint**

Light-curing resin for the generative production of dental therapeutic splints

**Indications**
- Therapeutic splints
- Auxiliary parts and functional parts for diagnostics
- Bleaching splints (home bleaching)

**Advantages**
- Medical device, class IIa
- Biocompatibility and neutral flavour ensure high level of patient acceptance
- 385 nm wavelength allows aesthetically pleasing clear-transparent print
- High flexural strength for durable objects
- High degree of precision and thus accurate fit for highly comfortable wear

**V-Print® SG**

Light-curing resin for the generative production of dental surgical guides

**Indications**
- Dental drilling templates

**Advantages**
- Medical device, class IIa
- Biocompatibility and neutral flavour ensure high level of patient acceptance
- 385 nm wavelength allows aesthetically pleasing clear-transparent print
- Dimensional stability and autoclavability for a high level of patient safety
**V-Print® model**

**Light-curing resin for the generative production of dental models**

**Indications**
Dental working and presentation models

**Advantages**
- Workpieces can be ground precisely, without undesirable changes (e.g. as caused by heat influx)
- Non-scratch, very hard surface allows trial fitting without deformation
- Suitable for deep-drawing processes – no deformation caused by heat influx from deep-drawing temperature
- High degree of precision for optimally fitting restorations

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**V-Print® model fast**

**Light-curing resin for the generative production of dental models, especially for the dental deep-drawing process (e.g. aligner or retainers)**

**Indications**
Dental models

**Advantages**
- Time-saving – For fast printing in high layer thickness without loss of quality
- Suitable for vacuum forming – Temperature resistant as a basis for e.g. aligner or retainer splints
- High strength and material saving – The high strength allows material-efficient hollowing of the models

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*Not available in Canada*
**V-Print® dentbase**

Light-curing resin for the generative production of denture bases for removable dentures

**Indications**
Removable denture bases

**Advantages**
- Natural gingiva shade for ambitious aesthetics
- Precise and custom-fit for high wearing comfort
- Saves time during polishing – thanks to printed surface
- Universal – compatible with commercially available resin materials and composites
- High green strength for save removal from the building platform
- Biocompatible

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**V-Print® Try-In**

Light-curing resin for the generative production of try-ins for prosthetics

**Indications**
Try-ins for total and partial prosthetics
Transfer and grinding templates
Correction impressions and occlusal impressions

**Advantages**
- Verification and possibility to assess the fit, occlusion, functionality, phonation and aesthetics **before** the production of prosthetics

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**V-Print® dentbase**

REF 6048 Bottle 1000 g pink
Not available in Canada

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**V-Print® Try-In**

REF 6049 Bottle 1000 g beige

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SUITABLE WITH:

- CediTEC DT . . . . . . . . p. 10
- CediTEC . . . . . . . . . p. 11

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All print partners can be found here
www.voco.dental/3dprintingpartners

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TRUSTED PARTNER

All print partners can be found here
www.voco.dental/3dprintingpartners
OtoFlash
Polymerisation unit for light-curing resin materials

Advantages
- Short curing times thanks to 2 flash bulbs on the underside
- Reliably curing due to intensive light output in a wavelength range of 280 - 580 nm
- The device can optionally be supplied with protective gas equipment

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>120 × 120 × 50 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions of polymerisation chamber</td>
<td></td>
</tr>
<tr>
<td>Rated voltage</td>
<td>100, 117, 230 volt AC, adjustable by switch</td>
</tr>
<tr>
<td>Power input</td>
<td>250 watt</td>
</tr>
<tr>
<td>Spectral distribution</td>
<td>280–700 nm, max. between 400 and 500 nm</td>
</tr>
<tr>
<td>Flash frequency</td>
<td>10 flashes per second</td>
</tr>
<tr>
<td>Digital timer</td>
<td>adjustable from 1 to 9,999 flashes</td>
</tr>
<tr>
<td>Dimensions</td>
<td>310 × 310 × 140 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>6 kg</td>
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</tbody>
</table>
CediTEC® DT Denture Teeth
CAD / CAM composite for denture teeth

Indications
Prosthetic teeth and tooth sections up to complete dental arches for removable dentures

Advantages
- Cured composite for high quality and durable denture teeth
- Translucent shade and high fluorescence for natural aesthetics
- Production of individual, accurately fitting denture teeth, reproducible at any time
- Effortless polishing for a natural gloss
- Easy to individualize without using an MMA primer
- Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system

CediTEC® DT

<table>
<thead>
<tr>
<th>Shade</th>
<th>1 x 20 mm, Ø 98 mm</th>
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<tbody>
<tr>
<td>A1</td>
<td>REF 6085</td>
</tr>
<tr>
<td>A2</td>
<td>REF 6086</td>
</tr>
<tr>
<td>A3</td>
<td>REF 6087</td>
</tr>
<tr>
<td>BL</td>
<td>REF 6088</td>
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</table>

Not available in Canada

V-Print dentbase . . . . . . . p. 8
V-Print Try-In . . . . . . . . . p. 8
CediTEC . . . . . . . . . . . . . . p. 11

The list of devices is continually extended and can be found at www.voco.dental/devicesceditecdt
CediTEC® Adhesive
Luting system for denture teeth in denture bases

Indications
Luting of prefabricated prosthetic teeth and CAD / CAM-produced individual
teeth and tooth sections in CAD / CAM-produced denture bases
Luting of prosthetic teeth in the scope of a repair or extension

Advantages
• Error- and bubble-free mixing
• Only the material quantity actually required is mixed
• Easy and direct application
• Subsequent additions possible
• Also usable for other systems and conventional PMMA
• Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system

SUITABLE WITH:
V-Print dentbase . . . . . . . p. 8
CediTEC DT . . . . . . . . . p. 10
Structur CAD

CAD / CAM composite for temporary restorations

Indications
Temporary bridges spanning up to two pontics
Temporary abutment crowns
Temporary crowns

Advantages
• Fast and efficient CAD / CAM production of precision-fit temporary restorations
• Highest quality and aesthetics for prolonged, safe wear – especially suitable for long-term provisional and semi-permanent restorations
• Excellent edge stability
• Effortless intraoral as well as extraoral polishing and individualisation
• No need to use an MMA primer

Technical Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td>Filler content</td>
<td>27 % w/w</td>
<td>DIN 51081</td>
</tr>
<tr>
<td>3-point-flexural-strength</td>
<td>136 MPa</td>
<td>Analogous ISO 10477</td>
</tr>
<tr>
<td>E-modulus</td>
<td>4.4 GPa</td>
<td>Analogous ISO 10477</td>
</tr>
<tr>
<td>Compressive strength</td>
<td>477 MPa</td>
<td>Analogous ISO 9917</td>
</tr>
<tr>
<td>Abrasion (200,000 cycles)</td>
<td>85 μm</td>
<td>ACTA-3-media</td>
</tr>
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</table>

Structur CAD

<table>
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<tr>
<th>Block Shade</th>
<th>Shade</th>
<th>5 x No. 40L</th>
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<td>A1</td>
<td>REF 6076</td>
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</tr>
<tr>
<td>A2</td>
<td>REF 6077</td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>REF 6078</td>
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</table>

<table>
<thead>
<tr>
<th>Disc Shade</th>
<th>Shade</th>
<th>1 x 20 mm, ø 98 mm</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
<td>REF 6071</td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>REF 6072</td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>REF 6073</td>
<td></td>
</tr>
</tbody>
</table>

Not available in Canada
Size disc

Size block

Example – Restoration

Dr. Yassine Harichane, France / Canada

Clinical case

Unsatisfactory initial situation

Initial situation – close-up

CAD / CAM bridge on the model

Structur CAD after insertion

Source: Dr. Felipe Araujo, Brazil

The list of devices is continually extended and can be found at www.voco.dental/devicesstructurcad
**Grandio® blocs · Grandio® disc**

Nano-ceramic hybrid CAD / CAM material

**Indications**
Crowns, inlays, onlays, veneers
Implant supported crowns

**Advantages**
- Highest filler content (86 % w/w)
- Resembles natural teeth perfectly
- Excellent physical values for flexural strength and abrasion
- No firing required
- Can be processed using any conventional milling unit
- Can be polished and repaired optimally
- Ideal for milling even in cases with thin edges
- Based on the nano-hybrid technology

**Technical Data**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Filler content</strong></td>
<td>86 % w/w</td>
</tr>
<tr>
<td><strong>Biaxial flexural strength</strong></td>
<td>333 MPa</td>
</tr>
<tr>
<td><strong>E-modulus</strong></td>
<td>18.28 GPa</td>
</tr>
<tr>
<td><strong>Compressive strength</strong></td>
<td>530 MPa</td>
</tr>
<tr>
<td><strong>Water uptake</strong></td>
<td>13,6 µg/mm²</td>
</tr>
</tbody>
</table>

**SUITABLE WITH:**

- Final Touch . . . . . . . . p. 17
- GrandioSO Flow . . . . . . . . p. 18
- GrandioSO Light Flow . . . . p. 19

**TIP:**
Ideal for individualisation

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**Grandio® blocs**

<table>
<thead>
<tr>
<th>Shade</th>
<th>5 x No. 12</th>
<th>5 x No. 14L</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 LT</td>
<td>REF 6003</td>
<td>REF 6018</td>
</tr>
<tr>
<td>A2 LT</td>
<td>REF 6004</td>
<td>REF 6019</td>
</tr>
<tr>
<td>A3 LT</td>
<td>REF 6005</td>
<td>REF 6020</td>
</tr>
<tr>
<td>A3.5 LT</td>
<td>REF 6006</td>
<td>REF 6021</td>
</tr>
<tr>
<td>B1 LT</td>
<td>REF 6007</td>
<td>REF 6022</td>
</tr>
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<td>C2 LT</td>
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<td>BL LT</td>
<td>REF 6009</td>
<td>REF 6024</td>
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**Grandio® disc**

<table>
<thead>
<tr>
<th>Shade</th>
<th>1 x 15 mm, ø 98 mm</th>
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<tbody>
<tr>
<td>A1 LT</td>
<td>REF 6050</td>
</tr>
<tr>
<td>A2 LT</td>
<td>REF 6051</td>
</tr>
<tr>
<td>A3 LT</td>
<td>REF 6052</td>
</tr>
<tr>
<td>A3.5 LT</td>
<td>REF 6053</td>
</tr>
</tbody>
</table>

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**Final Touch . . . . . . . . p. 17**
**GrandioSO Flow . . . . . . . . p. 18**
**GrandioSO Light Flow . . . . p. 19**
Size disc

Sizes blocs

No. 14L

No. 12

Example – restorations

Dr. Gianfranco Roselli, Italy
Dr. Jürgen Manhart, Munich / Germany
Dr. Carlos Pena, Brazil

Clinical case

Initial clinical situation
Core preparation
Crown directly after milling
Finally prepared restorations

Inserted restorations
Final result

Source: Dr. Felipe Moura, Brazil
Celalux 3
High-Power LED curing-light for light-curing composites

Indications
Curing of all light-curing dental materials whose polymerisation is activated within a wavelength range of 450 - 480 nm

Advantages
• State-of-the-art LED technology with high light intensity (approx. 1,300 mW / cm²)
• Wavelength range 450 - 480 nm
• Slim and ergonomic design (pen-shaped); weight of the handpiece, including device base and light guide, weighs only 70 g
• Indicates how much time has elapsed by vibrating at the start, and again after 10 s and 20 s, instead of the acoustic signals previously used
• Easy to handle, cordless
• Autoclavable 8 mm light guide
• The spare device base supplied ensures the device is always ready for use
• Battery is very easy to change

TIP:
Ideal for curing composites and paint colours such as
FinalTouch . . . . . . . . . p. 17
GrandioSO Flow . . . . . . . . p. 18
GrandioSO Light Flow . . . . p. 19
FinalTouch®
Light-curing characterisation material

**Indications**
- Personalised characterisation of direct and indirect composite restorations
- Masking of tooth discolourations
- Characterisation of chairside CAD / CAM veneers

**Advantages**
- Reproduction of enamel characteristics
- Perfect extension of VOCO’s range of composite and ORMOCER® restorative materials
- Excellent handling for high-aesthetic results
- Fine material structure and homogeneous consistency for accurate application
- 5 colours with opacity corresponding to the area of application

**SUITABLE WITH:**
GrandioSO Flow. . . . . . p. 18
GrandioSO Light Flow. . . . p. 19

**TIP:**
- Coating with composites
- Curing with at least 500 mW/cm² (LED/halogen), e. g. Celalux 3 on page 16

**FINAL TOUCH®**
REF 2321  Set syringe 5 × 1.5 g (white, blue, yellow, orange, brown), accessories
REF 2323  Syringe 1.5 g white, accessories
REF 2324  Syringe 1.5 g blue, accessories
REF 2325  Syringe 1.5 g yellow, accessories
REF 2326  Syringe 1.5 g orange, accessories
REF 2327  Syringe 1.5 g brown, accessories
REF 2147  Application cannulae type 45, 100 pcs.

*Not available in Canada*
Grandio®SO Flow
Flowable universal nano-hybrid restorative material

Indications
Fillings of class I to V cavities
Minimally invasive filling therapy
Extended fissure sealing
Blocking out undercuts
Lining or coating cavities
Repairing fillings and veneers
Luting translucent prosthetic pieces (e.g., full ceramic crowns, etc.)
Interlocking and splinting teeth (e.g., with glass fibre strands)
Use as a base material in combination with glass fibres or similar products for fabricating semi-permanent crowns and bridges

Advantages
• Medium viscous flow composite, i.e. outstanding flow behaviour with complete wetting of the cavity walls
• Universal application – for indication-appropriate treatment of all cavity classes
• Physical properties superior to those of various other packable materials, e.g. hardness, stability, abrasion resistance
• Very high filler content of over 80 % w/w
• Safe and precise application
• 13 shades for aesthetic restorations – perfectly coordinated with GrandioSO
• High shade stability
• Very good polishability and durable brilliance
• Extremely high radiopacity (500 % Al) of the shade WO for especially good contrast to the tooth substance and to other restoratives
• Available in the non-dripping NDT®-syringe and Flow-Caps with flexible metal cannulae

TIP:
The curing works perfectly with the Celalux 3 (p. 16)
Grandio®SO Light Flow
Flowable nano-hybrid restorative material – low viscous

Indications
Filling / characterisation of small cavities
Filling / characterisation of class III, IV and V cavities
Extended fissure sealing
Blocking out undercuts
Lining or coating cavities
Repairing fillings, veneers and temporary restorations
Luting translucent prosthetic pieces

Advantages
• **Low viscosity** – outstanding flow properties and therefore optimally suitable for hard-to-reach areas and small cavities
• **Extra-fine cannula** – for precise and pinpoint application, dosage without excess residues
• **High performance** – excellent physical properties, e.g. filler content of 76 % by weight
• **High aesthetics** – 8 shades for individualised applications

<table>
<thead>
<tr>
<th>Syringe – refills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shade</td>
</tr>
<tr>
<td>A1</td>
</tr>
<tr>
<td>A2</td>
</tr>
<tr>
<td>A3</td>
</tr>
<tr>
<td>A3.5</td>
</tr>
<tr>
<td>B1</td>
</tr>
<tr>
<td>WO</td>
</tr>
<tr>
<td>OA2</td>
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<td>Incisal</td>
</tr>
<tr>
<td>REF 2144</td>
</tr>
<tr>
<td>REF 2147</td>
</tr>
</tbody>
</table>

TIP:

**Low-viscosity** nano-hybrid composite for **delicate applications**

The curing works perfectly with the Celalux 3 (p. 16)
**Ufi Gel® hard C · Ufi Gel® hard**

**Hard direct denture relining**

**Indications**

Hard, permanent total or partial relinings to restore the functions of partial and total dentures

Lengthening of denture margins

**Advantages**

- Complete, hard relining
- Methyl methacrylate-free
- Neutral taste and odour
- No heat development in the mouth
- Good colour stability
- As easy as taking an impression
- Aesthetic, high patient acceptance and comfort
- Smooth surface
- New layers can be added at any time

**Clinical case**

GRINDING OF EXCESS

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**Ufi Gel® hard C**

- REF 2215 Set cartridge 80 g, adhesive bottle 10 ml, accessories
- REF 2218 Set + dispenser cartridge 80 g, adhesive bottle 10 ml, accessories
- REF 2216 Cartridge 80 g, accessories
- REF 2217 Adhesive bottle 10 ml
- REF 2158 Dispenser – type 2
- REF 2187 Mixing tips type 8, 50 pcs.

**Ufi Gel® hard**

- REF 2210 Set powder 60 g, liquid bottle 40 ml, conditioner bottle 20 ml, accessories
Ufi Gel® SC · Ufi Gel® P
Permanently soft, cold-curing relining material on silicone base

Indications
Permanently soft relining for total and partial dentures
– to eliminate pressure spots
– to dam the palatal vibrating line
– in cases of flabby ridges and/or insufficient adhesion
– to cushion sharp-edged alveolar processes
– to support the healing process in implantology

Advantages
• Top quality relining silicone
• Remains permanently soft
• Special adhesive for extreme bonding of silicone to denture
• Biocompatible (methacrylate-free)
• Neutral odour and taste
• Stable, aesthetic colour with chameleon effect
• Fewer steps than with other cold-cured materials
• For all PMMA based dentures
• Easy and fast application of direct and indirect relining
• Excellent adaptation to fine details for a precise fit of the denture
• Resistant against standard denture cleansers

Clinical case
SEATING OF THE PROSTHESIS AND MOVEMENTS OF THE MANDIBLE
**Individo® Lux**

Preformed individual impression trays, light-curing

**Indications**

Fabrication of individual trays from contoured plates for maxillae and mandibles

**Advantages**

- In blue transparent or blue opaque colour
- Allows precise and economic processing
- Stable trays
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

<table>
<thead>
<tr>
<th>Individo® Lux</th>
<th>Maxillae 50 pcs. blue opaque</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2402</td>
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</tr>
<tr>
<td>REF 2403</td>
<td>Mandibles 50 pcs. blue opaque</td>
</tr>
<tr>
<td>REF 2408</td>
<td>Maxillae 50 pcs. blue transparent</td>
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<tr>
<td>REF 2409</td>
<td>Mandibles 50 pcs. blue transparent</td>
</tr>
</tbody>
</table>
Profibase

Preformed transparent pink impression trays / base plates, light-curing

**Indications**
- Fabrication of gingiva shaded bases for wax models of complete and partial dentures
- Fabrication of individual trays from contoured plates for maxillae and mandibles

**Advantages**
- Gingiva shade
- Simple and time-saving shaping by hand
- Permanent stability and compressive strength
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

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Block Out Gel LC

Light-curing block out material

**Indications**
- Blocking out of plaster models

**Advantages**
- Blue colour for simple application control
- Easy application directly from the syringe

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**Profibase**

| REF 2111 | Maxillae / mandibles 2 × 25 pcs. |
| REF 2112 | Maxillae 50 pcs. |
| REF 2113 | Mandibles 50 pcs. |

**Block Out Gel LC**

| REF 1661 | Syringe 4 × 1.2 ml, accessories |
| REF 2144 | Application cannulae type 44, 100 pcs. |

*Not available in Canada*
Traypurol® tabs
Active-tabs for cleaning impression trays and instruments

Indications
Self-acting cleaning of impression trays and instruments

Advantages
• Removes alginites and cements within a short amount of time
• Especially easy to dose
• No vigorous stirring necessary – the tabs automatically dissolve when placed in water
• Gentle to material – suitable for all rustproof metals (including aluminium) and plastics
• Bio-degradable and pH-neutral
• Can be used in ultrasonic baths

Traypurol®
Concentrated cleaning agent for impression trays and instruments

Indications
Self-acting cleaning of impression trays and instruments

Advantages
• Simply diluted in water
• Removes residues of alginites, zinc oxide eugenol, glass ionomer, carboxylate and phosphate cements
• Cleans trays and instruments reliably overnight
• Can be used in ultrasonic devices
• Suited also for non-oxidising metals and plastic
• Biodegradable and gentle

Traypurol® Tabs
REF 2355 50 pcs.

Traypurol®
Concentrated cleaning agent for impression trays and instruments

Advantages
• Removes alginates and cements within a short amount of time
• Especially easy to dose
• No vigorous stirring necessary – the tabs automatically dissolve when placed in water
• Gentle to material – suitable for all rustproof metals (including aluminium) and plastics
• Bio-degradable and pH-neutral
• Can be used in ultrasonic baths

Traypurol®
REF 2289 Bottle 1 l
REF 2290 Canister 5 l
REF 2304 Dispenser pump – canister 5 l
Not available in Canada
With VOCO's wide range of laboratory equipment, you are excellently set to carry out even the most demanding work with the highest precision. We also recommend our extensive portfolio for further workflow, because; all VOCO products – with flexible compatibility – are optimally matched to each other. For a comfortable handling and a high quality result, which convinces the patient in regards to the functionality, wearing comfort and stability as well as the aesthetics. On the following pages, we present, inter alia, our luting cements, silicones for bite registration and precision impression materials as well as various dispenser, mixing cannulas and application tips.
Quick Up®
Self-curing luting material for attachments and secondary denture parts

Indications
Gingiva-coloured composite for luting attachments, such as ball, Locator® and telescope retention elements in prostheses with acrylic bases
Reluting secondary elements in prostheses with acrylic bases, e.g. connecting bars

Advantages
- High strength values
- Complete set for immediate use, including checking and block out material for primary structures that require protection, e.g. implants
- Ideal combination of self-curing luting material and light-curing correction material

Locator® is not a registered trademark of VOCO GmbH.

Application

Quick Up®
Set QuickMix syringe 7.5 g, Quick Up LC syringe 2 g, adhesive bottle 4 ml, Fit Test C & B QuickMix syringe 5 ml, accessories
REF 1625
QuickMix syringe 7.5 g, accessories
REF 1626
Quick Up LC syringe 2 g, accessories
REF 1627
Adhesive bottle 4 ml, accessories
REF 1628
Dispenser – QuickMix
REF 2261
Mixing tips type 10, 50 pcs.
REF 2189
Application cannulae type 44, 100 pcs.
REF 2144
Single Tim, application brushes, 100 pcs.
REF 2247
Mixing palettes, 20 pcs.
REF 2315

SUITABLE WITH:
Fit Test C & B. . . . . . . p. 33
Bifix® QM
Dual-curing universal composite-based luting system

Indications
Adhesive luting of inlays, onlays, veneers, crowns, partial crowns, bridges, root posts and adhesive bridges (Maryland bridges)

Advantages
• For all materials (metal, composite inlays and ceramic, also zirconium dioxide)
• Bubble-free perfect mixing
• Direct application
• Excellent adhesion to dentine, enamel and to metals
• Special one-step Ceramic Bond for optimal adhesion to porcelain
• Radiopaque
• Available in three shades
• Available as an all-in-one set

Application

Suitable with:
Ceramic Bond . . . . . . . . p. 28

Source: Prof. Jürgen Manhart, Munich / Germany
Ceramic Bond
Coupling agent for porcelain (incl. zirconium dioxide) and composite

Indications
Ceramic Bond is used as a coupling agent to achieve an optimal bond strength between indirect restorations made of either silicate ceramics, aluminium oxide, zirconium dioxide or composite, as well as glass-fibre reinforced composite posts, on the one side and methacrylate-based luting composites on the other side.

Advantages
• Creates ideal conditions for a durable bond between indirect restoration and luting composite
• No mixing required

Advantages of the SingleDose
• Easy, quick and hygienic
• No additional devices required
• No spilling in any position
**Provicol® QM**

**Eugenol-free temporary luting cement with calcium hydroxide**

### Indications
Temporary luting of inlays, onlays, crowns, partial crowns and bridges
Temporary filling of small one-surface cavities

### Advantages
- Semi-elastic properties for safe adhesion of the temporary
- Calcium hydroxide
  - supports the formation of tertiary dentine
  - bacteriostatic
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials

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**Provicol® QM Plus**

**Eugenol-free temporary luting cement with calcium hydroxide**

### Indications
Temporary luting of inlays, onlays, crowns, partial crowns and bridges
Temporary filling of small one-surface cavities

### Advantages
- Increased strength for more retention and secure adhesion
- High level of radiopacity
- Semi-elastic properties for safe adhesion of the temporary
- Calcium hydroxide
  - supports the formation of tertiary dentine
  - bacteriostatic
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials
**Registrado® Scan**

*Scannable addition-curing silicone for bite registration, hard, fast setting*

**Indications**
- Occlusal bite registration
- Fixing of face bow registrations
- Location material for intraoral pin tracing templates

**Advantages**
- Scanning without powder
- Precise reproduction of occlusion
- High Shore A hardness
- Short intraoral setting time
- Good cutting properties
- Analog or digital

**Not available in Canada**

**Provicol® QM Aesthetic**

*Translucent, temporary luting cement with calcium hydroxide, eugenol-free*

**Indications**
- Temporary luting of provisional or definitive inlays, onlays, crowns, partial crowns / veneers and bridges
- Temporary filling of small one-surface cavities

**Advantages**
- Highly aesthetic, translucent appearance
- Increased strength for more retention and secure adhesion
- Optimum flowability for easy cementation
- Pinpoint stability allows precise removal of excess material
- Accurate fit due to very low film thickness
- Eugenol-free: no inhibition of curing reaction of resin-based filling or luting materials
- Free from colophony: low allergy potential
- Contains calcium hydroxide and zinc oxide
- Calcium hydroxide supports the formation of tertiary dentine and has bacteriostatic effect
- Zinc oxide is known for its antibacterial effect
- Radiopaque

**Not available in Canada**
Registrado® X-tra
Addition-curing silicone for bite registration, extra hard, fast setting

Indications
- Occlusal bite registration
- Fixing of face bow registrations
- Location material for intraoral pin tracing templates

Advantages
- Optimised final hardness
- Allows application without time pressure
- Highly thixotropic qualities
- Good grinding properties
- Very precise impressions
- With economic mixing tips

Application
- Excellent surface affinity
- No resistance on occlusion
- The bite registration can be easily trimmed with a scalpel

Registrado® Clear
Transparent addition-curing silicone for bite registration, fast setting

Indications
- Bite registration
- Registration key for intraoral bearing device registration
- Fixing of X-ray balls
- Front and occlusal record
- Silicone key for composite restorations

Advantages
- High final hardness combined with high transparency
- Convincing material consistency, ensures adherence to the row of teeth
- Work without time pressure thanks to temperature-controlled curing process (accelerated curing starts only when mouth closed)
- High dimensional and shape stability (> 99 %)
- Light-curing can be carried out perfectly through a layer of Registrado Clear
V-Posil® Putty Fast · Heavy Soft Fast · Mono Fast

Precision impression material, VPS

Indications

V-Posil Putty Fast is used as preliminary material for
- two-step putty-wash impression technique
- one-step putty-wash impression technique
- two-step putty-wash impression technique using a foil (plastic putty spacer)
- one-step putty impression technique for forming functional peripheries

V-Posil Heavy Soft Fast is to be used as heavy bodied material for
- one-step impression technique (simultaneous technique) using dual viscosities
- two-step impression technique using dual viscosities
- functional impressions

V-Posil Mono Fast is to be used as a medium bodied tray or syringeable impression material for
- taking impressions over fixed / removable restorations and implants (i.e., transferring impression posts and bridge components)
- functional impressions
- fabricating crown and bridgework or inlays
- fabricating full or partial dentures
- reline impressions
- transferring root posts when fabricating posts and cores indirectly
- multi tray technique
- use in the simultaneous mixing technique as well as the putty-wash technique

Advantages

- High precision – strongly hydrophilic addition-curing silicone for good wetting of oral structures
- Treatment comfort – long working time combined with a short intraoral setting time*
- Safe removal – high toughness allows removal without damaging filigree structures
- Perfect prosthetics – good hydrophilicity and high recovery after deformation of the set impression makes the pouring out and thus the restoration perfect

* V-Posil Putty Fast 380 ml: Extraoral working time ≤ 01:30 min., time in mouth ≥ 02:30 min.
Cimara®

Material for ceramic repair with light-curing composite

Indications
Intraoral repairs of defects in ceramic or composite veneer, fixed prosthetic work with metal frames

Advantages
• Acid-free ceramic repair in only one session
• No removal or re-cementation of restorative pieces
• Simple working steps
• No additional devices required
• Permanent bond of composite to porcelain
• High shear bonding strength

Fit Test® C & B

Addition-curing silicone material for checking of prosthetic reconstructions

Indications
Control of precision of fit, marginal adaptation and marginal gaps of
– full or partial crowns as well as bridges
– inlays / onlays
– cast post abutments / post crowns
– metal denture bases
– implant-supported crowns and bridges
– attachments and other secondary parts of dentures

Advantages
• Fast diagnostic help for all restorative pieces
• QuickMix syringe for simple handling
  – automatic bubble-free mixing
• Direct application
• Optimal colour for metal and ceramic restorations
• Fast results due to short working and setting time
Dispenser type 2
Dispenser to extrude dental materials from cartridges

For 1:1 or 1:2 cartridges (50 ml)

QuickMix Dispenser
Dispenser to extrude dental materials from QuickMix syringes

For 1:1 QuickMix syringes

Application brush dispenser
Dispenser for hygienic removal of application brushes – can be repeatedly refilled with two types of brushes

REF 2158 Dispenser – type 2
REF 2261 Dispenser – QuickMix
REF 2244 Dispenser – application brushes

Mixing tips

| REF 2187 | Mixing tips type 8 for Ufi Gel hard C, Ufi Gel SC, 50 pcs. |
| REF 2191 | Mixing tips type 11 for Bifix QM, Fit Test C & B only with intraoral tips type 1, 50 pcs. |
| REF 2188 | Mixing tips type 9 for Fit Test C & B, 50 pcs. |
| REF 2196 | Mixing tips type 16 (for intraoral tips type 2) for Registrado Clear / X-tra / Scan, V-Posil Heavy Soft Fast in cartridge, V-Posil Mono Fast in cartridge, 50 pcs. |
| REF 2189 | Mixing tips type 10 for Quick Up, Provicol QM / Plus / Aesthetic, 50 pcs. |
| REF 2202 | Mixing tips type 20 for CediTEC, 50 pcs. |
| REF 2203 | Mixing tips type 30 for V-Posil Heavy Soft Fast in large cartridge, V-Posil Mono Fast in large cartridge, V-Posil Putty Fast in large cartridge, 50 pcs. |
### Intraoral tips

<table>
<thead>
<tr>
<th>REF 2139</th>
<th>Intraoral tips type 1 for Bifix QM, Fit Test C &amp; B, 50 pcs.</th>
<th>REF 2142</th>
<th>Intraoral tips type 4 for Bifix QM, 50 pcs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2140</td>
<td>Intraoral tips type 2 for Registrado Clear, Registrado X-tra, Registrado Scan, 50 pcs.</td>
<td>REF 2133</td>
<td>Intraoral tips type 6 for V-Posil Mono Fast, 50 pcs.</td>
</tr>
</tbody>
</table>

### Application cannulae

<table>
<thead>
<tr>
<th>REF 2146</th>
<th>Application cannulae type 41 for GrandioSO Flow, 100 pcs.</th>
<th>REF 2147</th>
<th>Application cannulae type 45 for Cimara Opaquer LC, FinalTouch, GrandioSO Light Flow, 100 pcs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2144</td>
<td>Application cannulae type 44 for Block Out Gel LC, GrandioSO Light Flow, Quick Up LC, 100 pcs.</td>
<td></td>
<td></td>
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</tbody>
</table>