



SCHULER
DENTAL

DENTAL CATALOGUE
PREMIUM PRODUCTS FOR LABS

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EQUIPMENT FOR WAX MODELLATION

S-U-TAUCHDOSE *Dipping Unit*



For veneer-, telescoping- and general bridge techniques.
An electrically heated unit with continuous temperature regulation from 176°F (80°C) to 216°F (105°C) for the production of wax copings within seconds.
The melting pot has a solid metal housing leading to a long lasting warming of the waxes. Delivered with S-U-DIPPING-WAX, green.

We recommend our S-U-DIPPING-WAXES, see *page 30* and for the lubrication of dies our S-U-ISOFIX, see *page 20*.

Technical Data

120 x 85 x 90 mm (incl. switch) // 230 V // 50/60 Hz // 50 W // contents of wax approx. 25 g // thickness of wax copings approx. 0,3 mm // heating time to approx. 80°C (176°F) is 15 min // 1 kg (incl. wax)

item no. 10 030

S-U-ELEKTRO-KULI-MINI *Electric Wax Knife*



The electric wax-knife as a wall-socket version for all kinds of modelling. This compact unit does not occupy bench space and there is no disturbing power lead. The unit features continuous temperature regulation. An especially developed handpiece and the instruments for the waxing technique, as per P. K. Thomas, see *page 4* make working more pleasant and less tiring.
A controlled very low working temperature has a positive influence on the shrinking of the waxes, thus eliminating nearly completely any tensions of the object.

Technical Data

90 x 55 x 50 mm (case only) // 230 V* // 50/60 Hz // secondary voltage max. 6 V // max. 8 W // approx. 300 g // temperature of the modelling instrument max. 210°C (410°F)

* 110–120 V version upon request

S-U ELEKTRO-KULI-MINI complete: wall-socket unit with
1 S-U-HANDPIECE EN 563 and 1 S-U-PKT-INSTRUMENT No. II

item no. 10 809



For S-U-HANDPIECE and its accessories, see *page 4*.

EQUIPMENT FOR WAX MODELLATION

S-U-ELEKTRO-KULI *Electric Wax Knife*



Instrument for all types of modelling with a modern, service-friendly equipment design in desk form.
No fuse change necessary after a defect (overload).
Automatic cut-out facility which automatically restarts the S-U-ELEKTRO-KULI after the cause of the error has been rectified and a brief operational pause. With error display.
Fully insulated. With integrated storage space for the modelling handpiece S-U-HANDPIECE EN 563.

Technical Data

55 x 85 x 170 mm // 230 V* // 50/60 Hz // secondary voltage max. 6 V // max. 9 W // approx. 450 g // temperature of the modelling instrument No. II max. 210°C (410°F)

* 110–120 V version upon request

S-U-ELEKTRO-KULI complete: table adjust unit with
1 S-U-HANDPIECE EN 563, 1 S-U-PKT-INSTRUMENT No. II

item no. 10 808

S-U-AURO-KULI *Rapid Gilding & Modelling Unit*



Rapid gilding and modelling unit for gilding of Co-Cr-Mo-alloys, such as clasps at partial dentures, cervical crown borders at precious alloys, orthodontic sets and also modelling of crowns and bridges.

An up-to-date high-tech electronic with simple and safe handling; the unit automatically switches to „Modelling“ when the handpiece is inserted.

Technical Data

65 x 112 x 200 mm // 230 V* // 50/60 Hz // max. 15 W // gilding current max. 200 mA // approx. 770 g // heating capacity for instrument max. 3,75 W // permissible room temperature 10–40°C (50–104°F)

* 110–120 V version upon request

S-U-AURO-KULI complete: inclusive 1 S-U-HANDPIECE EN 563, 1 S-U-PKT-INSTR. No. II, 1 brush electrode, 1 cable with electrode and 20 ml gilding liquid

item no. 13 000

ACCESSORIES FOR S-U-ELEKTRO- & AURO-KULI

S-U-HANDPIECE EN 563

Already contained in S-U-ELEKTRO-KULI, -MINI and S-U-AURO-KULI.

The S-U-HANDPIECE is thinner and lighter, so that it is handier. It holds very low surface temperatures, which are partly significantly below limit values of European standard EN 563. (*EN 563 defines limit values of surface temperatures, depending on duration of contact and material, at which no burning of the skin occurs.*)

A low contamination and easy to clean, as no cork or similarly porous materials are used for heat insulation. As far as electrical connection and available surface-mounted instruments (modelling spikes) are concerned, it is fully compatible with the previous model of S-U-HANDPIECE.

item no. 10 394

These unusual properties were achieved through the use of a



type of high-tech plastic which has been specifically modified and adapted according to the requirements of SCHULER-DENTAL.

S-U-HANDPIECE EN 563 (inclusive cable and plug, but without accessory instruments) for:

- S-U-ELEKTRO-KULI
- S-U-ELEKTRO-KULI-MINI
- S-U-AURO-KULI

S-U-PKT-ACCESSORY-INSTRUMENTS



Three different instruments as per P. K. Thomas are available as accessories for the S-U-HANDPIECE EN 563, adapted to the individual use. Each accessory instrument can be ordered separately.

Shank diameter externally 2,50 mm
Shank diameter internally 1,55 mm
Average length 39 mm

Further S-U-PKT-ACCESSORY-INSTRUMENTS *upon request.*

- | | |
|-----|------------------------|
| I | item no. 30 051 |
| II | item no. 30 052 |
| III | item no. 30 053 |

S-U-WAX-KNIVES exchangeable

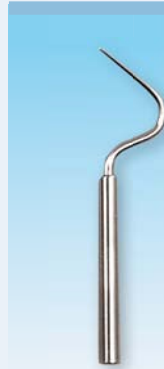


Two different wax knives are available for the common technique. The S-U-WAX-KNIVES can be used on the S-U-HANDPIECE EN 563.

Shank diameter externally 2,50 mm
Shank diameter internally 1,55 mm

- | | |
|---------------------------|------------------------|
| large, width approx. 6 mm | item no. 30 105 |
| small, width approx. 4 mm | item no. 30 100 |

S-U-MODELLING-TIP



For the S-U-ELEKTRO- or AURO-KULI. Corresponds to the modelling tip as per M. H. Polz No. 1, see page 12.

This probe allows the precise placement of wax, as well as life-like modelation for the crown- and bridge technique, especially when reproducing mastication surfaces.

Shank diameter externally 2,50 mm
Shank diameter internally 1,55 mm

item no. 30 146

S-U-VIBRABABY *Vibrator for one flask*



An ideal unit for small laboratories or practice labs. Perfect for the pouring of single impressions and the shaking-in of 1 flask or muffle. Two-step switch for the regulation of the vibration-intensity.

Technical Data

110 x 120 x 120 mm (table measurements) // 230 V* // 50/60 Hz // 90 W // intensity 2-steps // 2,8 kg

* 110–120 V version upon request

item no. 15 194

S-U-VIBRAKID *Vibrator for two flasks*



Universal, powerful vibrator with constant vibration capacity, equally allotted on the entire surface. 2-step switch for the regulation of the vibration intensity. This unit allows the investing of two flasks at a time.

Technical Data

115 x 210 x 120 mm (table measurements) // 230 V* // 50/60 Hz // 120 W // intensity 2-steps // 4,5 kg

* 110–120 V version upon request

item no. 15 195

i All vibrator systems are made of rust-proof materials and have a washable, well-fitting rubber overlay which can easily be removed for cleaning. Vibration intensity is even at all points on the table, and

guarantees bubble-free filling of materials regardless of where the object is placed. Heavy baseplates ensure that all versions are extremely stable on vibration damping feet.

S-U-AQUEX *Pre-Heating Unit*



This heating-unit is appropriate for the drying and pre-heating of up to 6 duplicate models. The temperature can be regulated continuously inbetween 176°F (80°C) and 1076°F (290°C). A special outlet permits the connection of an external suction. Removable grate, large drip tray. For the hardening of investment models we recommend our cold-dipping hardener, see page 19.

Technical Data

220 x 450 x 420 mm (depth incl. air tube) // 230 V // 50/60 Hz // 1500 W // capacity 6 duplicate models // heating time to 290°C (554°F) approx. 10 min. // 5,0 kg

item no. 11 250

PLASTER TRIMMERS

S-U-JUNIOR-CUT *Plaster Trimmer*



Compact plaster trimmer with maintenance-free powerful motor at 3000 rpm. Solid construction. Salt-water resistant cast aluminium. Silicone-carbide coated trimmer disc. Power-saving trimming. S-U-JUNIOR-CUT maximo coated with a diamond disc guarantees highest grinding capacity at low pressure energy.

Technical Data

320 x 305 x 430 mm // 230 V // 50/60 Hz // 550 W // disc diameter 250 mm // revolutions 3000 min⁻¹ // connec. outlet/tube 1"/32 mm // inlet tube 13 x 3 mm // 13,5 kg

S-U-JUNIOR-CUT, with silicone-carbide disc item no. 15 140
S-U-JUNIOR-CUT maximo, with diamond disc item no. 15 260

S-U-DOUBLE-CUT *Double Plaster Trimmer with foil discs*



Equipped with two extremely powerful motors, featuring two independent control switches. Presents one coarse and one fine grinding disc, both coated with a silicone-carbide foil. A large metal table with adaptable inclined table in combination with a large window give the possibility of both coarse and fine grinding within a narrow space. Spraying system with pressure regulation, separately adjustable for each disc. Generously conceived and backwardly descending waste pipe. Salt-water proof cast aluminum and other noncorrosive parts ensure long durability. The case is very easy to clean. The S-U-DOUBLE-CUT is delivered with solenoid valve and complete accessories.

Also available with diamond discs coarse and fine. For Technical Data, see S-U-ORTHO-CUT below.

item no. 15 080

S-U-ORTHO-CUT *Double Plaster Trimmer with ceramic discs*



Constructive version, equivalent to the S-U-DOUBLE-CUT, with the advantage that the grinding discs are coated one with a fine and the other with a coarse ceramic layer. The model is especially equipped for orthodontia, featuring a special model-table with one fixed and one mobile ruler with graduation setting function.

Excellent results can be achieved with diamond discs, one rough and one fine, which can be installed by request.

Technical Data

420 x 530 x 500 mm // 230 V // 50/60 Hz // 2 x 1100 W revolutions 3000 min⁻¹ // connec. outlet/tube 1 1/4"/40 mm 48 kg // model support 255 cm² // inlet tube 13x3 mm

with ceramic discs item no. 15 120
with diamond discs item no. 15 186

PLASTER TRIMMERS / ACRYLIC PROSTHETICS

S-U-SUPER-CUT *Plaster Trimmer*



Solid and extremely powerful high standard unit with integrated solenoid valve for highest demands in professional laboratories. A large window (110 x 130 mm) in the spray board in combination with the diamond grinding disc offers a broad working area also for large models. Generously dimensioned spraying system, adjustable from the outside, continuously guarantees a perfect cleaning of the disc. Salt-water resistant cast aluminium frame together with other non-corrosive parts ensure high stability and long durability. All accessories included.

with silicone-carbide grinding foil **item no. 15 061**
with ceramic disc **item no. 15 065**
with diamond disc **item no. 15 069**

For Technical Data
see S-U-SUPER-
CUT-ORTHO.

S-U-SUPER-CUT-ORTHO *Plaster Trimmer*



The unit presents the same excellent properties as the S-U-SUPER-CUT. This version is especially equipped for orthodontia, featuring a special model-table with one fixed and one mobile ruler with graduation setting function.

Technical Data

400 x 380 x 430 mm // 230 V // 50/60 Hz // 1100 W // disc diameter 300 mm // revolutions 3000 min⁻¹ // connec. outlet/tube 1"/34 mm // inlet tube 13 x 3 mm // 20 kg

with ceramic discs **item no. 15 070**
with diamond discs **item no. 15 072**

S-U-POLYTUB *Hotpolymerisation Unit*



For long-term polymerisation technique with individual long-time control, for max. 15 flasks. This unit serves for polymerisation of usual denture press techniques as well as casting systems.

Made of stainless steel without any compromises in quality. Digital multifunctional regulation and safeguard over temperature. Self-diagnosis system, LECD timer and digital temperature display. Three-sided large surface heating system for optimal temperature homogeneity.

Technical Data

405 x 436 x 578 mm // 230 V // 50/60 Hz // 2000 W // polishing current 8,7 A // volume 22 liter

item no. 10 580

ACRYLIC PROSTHETICS EQUIPMENT

S-U-FLASK-PRESS *Hydraulic Flask Press*



Thanks to its robust and resistant structure, this hydraulic flask press will work reliably for years without problem. It has the ideal size and dimensions to enable use with special clamping frames that are used in injection techniques.

The height is designed to accommodate 3 flasks, including clamps. Brass flask, see page 14.

The pressure is controlled by a pressure gauge and the table is automatically lowered after opening of the relief valve.

No risk of loss of pressure or oil under normal use because of the non-porous cast steel construction of the pump housing.

Technical Data

500 x 230 x 220 mm (depth without lever) // utilizable clamping height max. 235 mm // utilizable width approx. 140 mm // operating compression 9.500 kg = 250 kg/cm² // max. compression 15.200 kg = 400 kg/cm² // 19,5 kg

item no. 11 350

S-U-RUBBER-POLISHING-TROUGH



Manufactured of high quality solid rubber.

Two special dirt-flaps inside the trough help to keep the protection glass and the suction opening clean.

Has a large protection screen, made of safety-glass which is adjustable in height.

Lateral attachment features for commercially available spotlights.

Technical Data

250 x 250 x 320 mm // connection outlet without synthetic reduction // external diameter 73 mm // internal diameter 51 mm // 5,5 kg

item no. 10 745

Accessories for S-U-RUBBER-POLISHING-TROUGH

Synthetic Insertion Tray

item no. 97 107 44 501

Synthetic Reduction for 40 mm suction tube

item no. 97 107 43 501

ACRYLIC PROSTHETICS EQUIPMENT

S-U-ACRYLMAT *Polymerisation Pressure Pot*



Polymerisation pressure pot, made of aluminum. Resistant teflon-coating, non-corrosive metal-parts, reinforced aluminum container. High working safety, longlasting function. Tested by the German "TÜV". With anti-corrosion coating.

Technical Data

height without valve 180 mm // height inclusive valve 250 mm // internal diameter max. 200 mm // contents 4,0 l // operating pressure 2,2 bar // operating overpressure max. 2,5 bar // pressure of air supply max. 8,0 bar // operating temperature max. 50°C (122°F) // 3 kg

item no. 11 105

Also available as 9,0 l version
item no. 11 108

S-U-ACRY-THERM *Constant Hot Plate*



S-U-ACRY-THERM, a hot plate for S-U-ACRYLMAT with non-oxidizing surface. The temperature is constantly at 50°C (122°F) due to electronic regulation.

Technical Data

70 x 255 x 280 mm // 230 V // 50/60 Hz // 125 W // 2,5 kg

item no. 11 110

S-U-ACRY-THERM *Variable Hot Plate*



A big hot plate for S-U-ACRYLMAT, with stainless steel surface.

The temperature is variably adjustable, step 4 at approx. 55°C (131°F).

Technical Data

70 x 250 x 280 mm // 230 V // 50/60 Hz // 500 W // Ø of the hot plate 185 mm // 2,8 kg

item no. 11 048

POLISHING & GILDING UNITS

S-U-UNOPOL *Electrolytic Polishing Unit*



Electrolytic polishing unit for 1 cast chrome denture. Compact and well proven construction – especially convenient for small laboratories. Variable, 6-step current control up to max. 5 A. Excellent results, despite easy handling. As a protection for the electrical parts, a synthetic tray is situated underneath the electrolyte tank.

Technical Data

330 x 170 x 210 mm (total depth) // 230 V* // 50/60 Hz // 80 W // polishing current max. 5 A // contents of bath max. 1250 ml // 4,0 kg

* 110–120 V version upon request

As gilding liquid we recommend our S-U-ELEKTROLYT-N and S-U-ELEKTROLYT-SUPER, see page 20.

item no. 15 210

S-U-QUICK-PLATE *Rapid Gilding Unit with one bath*



Rapid gilding unit with one bath. Especially appropriate for Co-Cr cast frameworks, crown- and bridge work and for clasps.

No need for electrolytic degreasing, activation or pregilding.

The current intensity can be regulated continuously and the gilding current is exactly indicated on a display. Due to pulsating bath-movements, bubbles are detached from the object's surface.

Technical Data

330 x 170 x 200 mm // 230 V // 50/60 Hz // 80 W // separating speed max. 0,2 µ/min. // gilding current max. 3 A // hardness approx. 165 HV 4,0 kg // percentage of gold 2 g/l // bath contents max. 1250 ml

S-U-QUICK-PLATE

item no. 11 770

S-U-GILDING-LIQUID, 1250 ml

item no. 81 420 018

S-U-AURO-PLATE maximo *Rapid Gilding Unit*



Rapid gilding unit for partial platings. With well visible display of current set points due to luminous LED-band, active electronic current limiting avoids short circuits and overload. Fully automatic overload protection against breakdowns, it switches on automatically after a short intermission. Short circuit between object to be gilded and brush electrode will be indicated acoustically. Fully protective insulated housing.

Technical Data

65 x 112 x 200 mm // 230 V* // 50/60 Hz // max. 15 W separating speed 0,3 µ/min. // gilding current max. 200 mA permissible room temp. 10–40°C (50–104°F) // ~ 770 g

* 110–120 V version upon request

Also available as a combination unit for modelling with heatable handpiece, see S-U-AURO-KULI on page 3.

S-U-AURO-PLATE maximo

item no. 13 100

S-U-GILDING-LIQUID, 20 ml

item no. 81 420 019

S-U-CROWN-BUTLER *Crown and Bridge Remover*



The original all purpose crown and bridge remover, invented and developed by SCHULER-DENTAL, is technically perfected and the result of more than 30 years of manufacturing experience.

Fixed appliances, including metal-ceramic restorations, can be removed easily and in most cases without being damaged.

A short intensive impulse, which is caused by the blow-producing devices inside the instrument, provokes the rupture of the cement-layer and the contemporary removal of the appliance, mostly without damaging the periodontal membrane.

Extremely easy to handle: The instrument is positioned and held with one hand, while the other is used to fix the end of the hook to the appliance - hardly any necessity of assistance.

item no. 30 220

3-step-regulation of the impulse's intensity, as well as easily exchangeable removal hooks, for universal use of the instrument.

S-U-CROWN-BUTLER-plus *The Premium Version*



It has the same function as the S-U-CROWN-BUTLER.

All components, inclusive clips, consist of non-oxidizing materials and the hooks of special, non-magnetical and sterilized stainless steel.

The S-U-CROWN-BUTLER-plus distinguishes by extremely high quality. In addition, the S-U-HOOK No. 3 is included in delivery.

item no. 30 030



S-U-HOOKS *for the Crown and Bridge Remover*

Hook No. 1 (**I**) for the use in the cervical regions of crowns and bridges.

Hook No. 2 (**II**) for the use on approximal surfaces of crowns and crown elements.

Hook No. 3 (**III**) to be used for crowns and bridges, which are extremely contoured or difficult to reach. Included in the S-U-CROWN-BUTLER-plus only.

S-U-HOOK No. 1

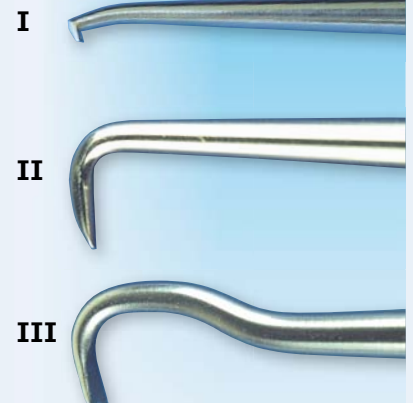
item no. 97 300 14 501

S-U-HOOK No. 2

item no. 97 300 17 501

S-U-HOOK No. 3

item no. 97 300 24 501



INSTRUMENTS

S-U-MODELLING-SET *as per Polz*



Waxing instruments as designed by M. H. Polz for the anatomically correct reproduction of all types of wax patterns – particularly occlusal surfaces. Ergonomically designed handgrips and a double-ended waxing brush. Exchangeable instrument inserts, *upon request*.

Set, complete and in a case	item no. 30 200
S-U-WAXING-BRUSH , double-sided	item no. 30 205
S-U-MODELLING-INSTRUMENT , single, as per Polz	
No. 1, explorer with grip	item no. 30 201
No. 2, hutch scraper with grip	item no. 30 202
No. 3, fissure scraper with grip	item no. 30 203

S-U-WAXING-SET *as per Thomas*



Modelling instruments for the waxing technique as per P. K. Thomas. Especially handy, coloured aluminum grips. Set including a double-ended waxing brush.

Set, complete and in a case	item no. 30 210
S-U-WAXING-BRUSH , double-sided	item no. 30 205
S-U-WAXING-INSTRUMENT , single, as per Thomas	
No. 1, green	item no. 30 211
No. 2, gold	item no. 30 212
No. 3, blue	item no. 30 213
No. 4, red	item no. 30 214
No. 5, silver	item no. 30 215

S-U-CERAMIC-INSTRUMENT-SET



Three instruments for the acrylic- and ceramic layer technique with three additional, exchangeable pen-knife inserts, extra fine. Spare pen-knife inserts and extra fine ones, *upon request*.

Set, complete and in a case	item no. 30 250
Instrument, single, including pen-knife insert	
No. 1, red, pointed spatula	item no. 30 251
No. 2, blue, knife-spatula	item no. 30 252
No. 3, gold, broad spatula	item no. 30 253

S-U-MODELLING-INSTRUMENT-SET *as per Greenstein*



Three modelling instruments for the acrylic- and ceramic layer technique, including pen-knife inserts; three additional pen-knife inserts, extra fine. Spare pen-knife inserts and extra fine ones, *upon request*.

Set, complete and in a case	item no. 30 240
Instrument, single, including pen-knife insert	
No. 1, gold	item no. 30 241
No. 2, red	item no. 30 242
No. 3, blue	item no. 30 243

S-U-MIXING-SPATULA-G and S-U-PLASTER-KNIFE

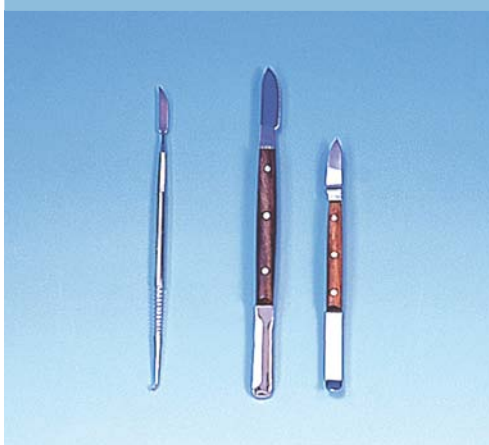


S-U-MIXING-SPATULA-G (I), made of non-oxidizing materials for the tempering of plaster. Length: 169 mm

S-U-PLASTER-KNIFE (II), high quality product, featuring wooden handle and flask-opener. Length: 173 mm

S-U-MIXING-SPATULA-G	item no. 30 155
S-U-PLASTER-KNIFE	item no. 30 110

S-U-CARVER-LE-CRON and S-U-WAX-KNIVES



I II III

S-U-CARVER-LE-CRON (I). Length: 157 mm

S-U-WAX-KNIFE "Fahnenstock" (II) a large, plain knife. Length: 170 mm

S-U-WAX-KNIFE "Fahnenstock" (III) a small, plain knife. Length: 128 mm

S-U-CARVER-LE-CRON	item no. 30 160
S-U-WAX-KNIFE, large	item no. 30 140
S-U-WAX-KNIFE, small	item no. 30 142

S-U-IWANSON *Feeler Tweezers*



S-U-IWANSON (I) for metal. Scale on both sides, measure 0,1 mm
Measuring range 0 to 10 mm. The measure tips are formed like needles and are stainless.

S-U-IWANSON (II) for wax. Same as for metal but with extensively rounded feeler ends.

S-U-IWANSON, for metal	item no. 30 077
S-U-IWANSON, for wax	item no. 30 078



I II

ACCESSORIES

S-U-BLOW-OUT-NOZZLE



The valve of the S-U-BLOW-OUT-NOZZLE opens by simply bending the top of the nozzle.

9 mm tube **item no. 40 095**

6 mm tube **item no. 40 090**

S-U-MODEL-SAW-BOW

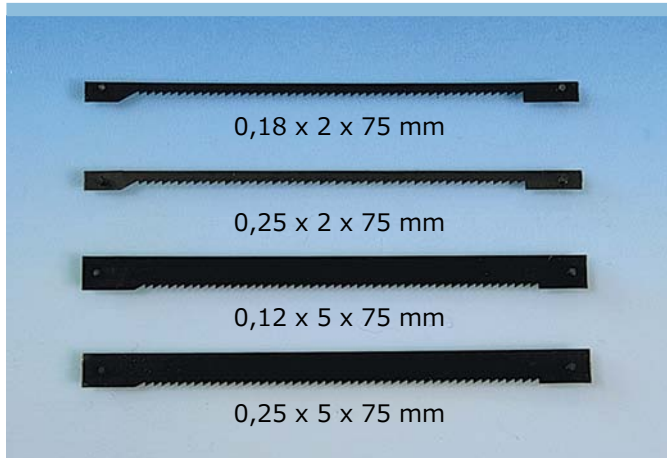


Easy handling, precise cutting, especially designed for the cutting of models.

The S-U-MODEL-SAW-BOW is inclusive one blade of 0,18 x 2 x 75 mm.

item no. 40 250

S-U-SAW-BLADES



High quality durable saw-blades, available in four different sizes.

0,18 x 2 x 75 mm, 12 pieces **item no. 40 254 2**

0,18 x 2 x 75 mm, 144 pieces **item no. 40 254 4**

0,25 x 2 x 75 mm, 12 pieces **item no. 40 251 2**

0,25 x 2 x 75 mm, 144 pieces **item no. 40 251 4**

0,12 x 5 x 75 mm, 12 pieces **item no. 40 252 2**

0,25 x 5 x 75 mm, 12 pieces **item no. 40 253 2**

S-U-ROBUSTA *Brass Flask*



Longlasting high quality brass flask with smooth surface and high shape-precision.

Technical Data

68 x 98 x 98 mm // 1,6 kg

item no. 40 060

S-U-AVERAGE-MOVEMENT-ARTICULATOR-M



High precision, exact return to the "centric", no inter-condylar play.

The mounting height is 80 mm, so there is enough space for magnet fixation or split-cast. The support pin is gauged in millimeters.

High stability in open position, due to a locking-device in the top part of the articulator.

Two mounting plates, made of zinc-alloy featuring protected threads. Precise fixation, due to 3-point-bearing. The weight inclusive mounting plates is only 550 g.

item no. 40 190

S-U-MAGNETS



These magnets allow mounted models to be removed from the articulator and to be exactly repositioned.

S-U-MAGNETS for split systems, with extremely high, permanent adhesion. 20 mm diameter, 5 mm height.

S-U-MAGNETIC-CHAMBER, the grooved retention edge with additional groove provides optimal anchoring in plaster. 25 mm outside diameter, 22 mm inside diameter, outside height is 8 mm, inside height 6 mm.

S-U-ADHESIVE-PLATE for split systems are nickel-plated. Four auricular-shaped cambered retention pieces ensure optimal retention in plaster, 25 mm diameter (without retention pieces), 1,5 mm thickness.

S-U-MAGNETS, 10 pieces

item no. 40 421

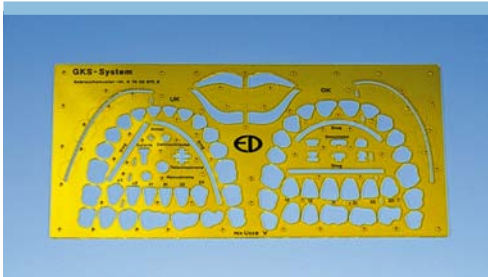
S-U-MAGNETIC-CHAMBER, 10 pieces

item no. 40 423

S-U-ADHESIVE-PLATE, 10 pieces

item no. 40 425

S-U-GKS-SYSTEM-STENCIL



For the exact and rapid designing of individual situations. In English language.

item no. 40 055

ACCESSORIES

S-U-CERAMIC-BRUSHES *Synthetic Brushes*

Standard (I), Extra (II) and Opaque Paste Brush (III) are synthetic hair brushes made of finest toray hair. A fibre mix in three different fibre thicknesses allows an optimal brush tip. These brushes are also characterized by a thick stock of hair with very good elasticity and a seamless, robust mount.

The Profi (professional) brush (IV) is made for highest demands, created from best synthetic hair with matchless shape retention, tip forming and elasticity.



I		II		III	
Standard, no. 00	item no. 30 298	Extra, no. 00	item no. 30 318	Opaque Paste, flat no. 2	item no. 30 292
Standard, no. 0	item no. 30 300	Extra, no. 0	item no. 30 320	Opaque Paste, flat no. 4	item no. 30 294
Standard, no. 2	item no. 30 302	Extra, no. 2	item no. 30 322		
Standard, no. 4	item no. 30 304	Extra, no. 4	item no. 30 324		
Standard, no. 6	item no. 30 306	Extra, no. 6	item no. 30 326	VI	
Standard, no. 8	item no. 30 308	Extra, no. 8	item no. 30 328	Profi, no. 00	item no. 30 598
Standard, no. 10	item no. 30 310	Extra, no. 10	item no. 30 330	Profi, no. 0	item no. 30 600
Standard, no. 12	item no. 30 312	Extra, no. 12	item no. 30 332	Profi, no. 2	item no. 30 602
				Profi, no. 4	item no. 30 604
				Profi, no. 6	item no. 30 606
				Profi, no. 8	item no. 30 608

S-U-CERAMIC-BRUSHES *Natural Hair Brushes*

The Kolinsky (sable hair) brush (I) with lead balls, which while shaking are giving impulses on the brush tip, is also ideal for layering of the most precise works.

The Rotmarder (sable hair) is a brush (II) with an ergonomic grip for fatigue-proof layering.



I		II	
Kolinsky, no. 6	item no. 30 406	Rotmarder, no. 00	item no. 30 498
Kolinsky, no. 7	item no. 30 407	Rotmarder, no. 0	item no. 30 500
Kolinsky, no. 8	item no. 30 408	Rotmarder, no. 2	item no. 30 502
Kolinsky, no. 10	item no. 30 410	Rotmarder, no. 4	item no. 30 504
		Rotmarder, no. 6	item no. 30 506
		Rotmarder, no. 7	item no. 30 507
		Rotmarder, no. 8	item no. 30 508
		Rotmarder, no. 10	item no. 30 510

S-U-PORCELAIN-PALETTE



Mixing-palette for ceramic powders.
182 x 96 mm

item no. 40 120

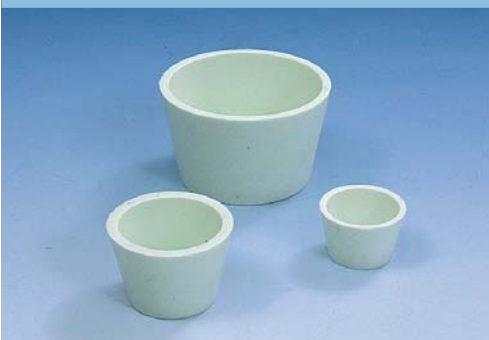
S-U-PAINTING-PALETTE



For painting colours, inclusive protection lid.
180 x 115 mm

item no. 40 122

S-U-SILICONE-MIXING-CUPS



Longlasting, flexible mixing-cups made of high-quality silicone for the mixing of acrylics and cement.

small, Ø 30 mm
medium, Ø 40 mm
large, Ø 65 mm

item no. 40 030
item no. 40 035
item no. 40 038

S-U-RUBBER-MIXING-CUPS



For plaster and investment material, made of polyvinylchloride. Easy to be cleaned due to homogenous surface.

S-U-MIXING-SPATULA-G is made of non-oxidizing materials for the tempering of plaster. Length 169 mm.

small, Ø 115 mm
medium, Ø 120 mm
large, Ø 140 mm

item no. 40 134
item no. 40 132
item no. 40 130

S-U-MIXING-SPATULA-G item no. 30 155

S-U-ALUSTRAL Aluminium-Oxide Abrasive Powders



S-U-ALUSTRAL 50 μ (extreme fine)

Removal of investment material, ceramic alloy metal preparation, removal of surplus ceramic mass in metal-ceramic crowns. Recommended unit: S-U-PROGRESA 200.




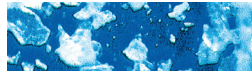
S-U-ALUSTRAL 110 μ (fine) and 150 μ (medium)

Blasting off precious metal alloys as well as non-precious metal alloys. Also for ceramic alloy metal preparation. Recommended unit: S-U-PROGRESA 200.



S-U-ALUSTRAL 250 μ (coarse)

Blasting off Co-Cr-castings. Recommended units: S-U-UNOMAT and S-U-PROLAMAT.

Also for ceramic alloy metal preparation (non-precious alloys). Recommended unit: S-U-PROGRESA 200.

	50 μ	110 μ	150 μ	250 μ
bucket, 5 kg	item no. 80 350 014	item no. 80 110 014	item no. 80 100 014	item no. 80 160 014
bag, 25 kg	item no. 80 350 015	item no. 80 110 015	item no. 80 100 015	item no. 80 160 015
bucket, 25 kg	item no. 80 350 018	item no. 80 110 018	item no. 80 100 018	item no. 80 160 018
				

S-U-CERA- and AURO-BLAST Glass-Beads Abrasive Powders

	S-U-CERA-BLAST, 50 μ	S-U-AURO-BLAST, 150 μ
bucket, 5 kg	item no. 80 220 014	item no. 80 215 014
bag, 25 kg	item no. 80 220 015	item no. 80 215 015
bucket, 25 kg	item no. 80 220 018	item no. 80 215 018
		

S-U-CERA-BLAST 50 μ (beads extr. fine)

Polishing of crowns and bridges, production of mastication surface on occlusal surfaces. Blasting of secondary crowns, removal of oxidation films after the final bake. Recommended unit: S-U-PROGRESA 200.

S-U-AURO-BLAST 150 μ (beads fine)

Blasting and polishing (smoothing of surfaces) of precious metals and non-precious metal alloys. Recommended units: S-U-UNOMAT and S-U-PROGRESA 200.

The packaging is the same as S-U-ALUSTRAL.

i S-U-ALUSTRAL is an especially pure, white precious corundum and does not provoke silicosis. It contains to 99,7% aluminum-oxide and is the hardest of all existing precious corundums, contemporarily presenting the best splintering qualities, which guarantees a sharp surface for optimal abrasion. It does not contain contaminating particles. Its high

quality standard is guaranteed by a network of intensive quality controls.

S-U-CERA-BLAST and S-U-AURO-BLAST are non-metallic mineralic glass-abrasives, featuring extremely long durability and containing the highest possible percentage of pure beads.

S-U-DENTA-VLIES *Muffle Fleece*



Asbestos-free liner for metal casting rings, made of ceramic fibres for the crown and bridge technique.

This liner neither burns out nor develops any unhealthy vapours. Full expansion of the investment material. Easy to deflask. Usable up to 1.000°C. Packaging: dispenser 50 x 1 mm on a 25 m roll.

item no. 81 400 019

S-U-BIO-VLIES *Biologically Degradable Muffle Fleece*



The fibers are *biologically degradable* in the body.

This liner, made of bonded wool, does not contain any ceramic fibres but consists of glassy (amorphous) calcium-silicate fibres.

Any inhaled dust particles are dissolved in the lungs within a few days and eliminated from the body. Its effects are the same as of S-U-DENTA-VLIES, i.e. it neither burns out nor develops unhealthy vapours.

Full expansion of the investment material. Easy to deflask. Usable up to 1.000°C. Packaging: dispenser 50 x 1 mm on a 25 m roll.

item no. 81 399 019

S-U-DOUBLI-GEL-S *Duplicating Material*



High-precision duplicating material for Co-Cr-casting procedures. Excellent shape-stability, long durability, exact adaptation to any shape. Suitable for all current model casting investments, as well as phosphate-bound precious metal investment materials. Also suitable for micro-waving. Packaging: 6 kg bucket.

Melting temperature 90°C // Processing temperature 50°C–55°C // Solidification temperature ~ 43°C // Gelatinizing time ~ 45 min.

item no. 80 040 014

S-U-DUPLIHARD *Cold-Dipping Hardener*



Alcohol-based, liquid cold-dipping hardener, featuring excellent infiltration qualities. The resin contained in the solvent deeply penetrates into the model's surface, providing hard surfaces and solid edges, without affecting the fine contours.

For the drying and heating we recommend the unit S-U-AQUEX, see page 5.

1000 ml

item no. 80 047 018

S-U-ELEKTROLYT-N *Electropolishing Solution for Co-Cr*



Electropolishing solution for cobalt-chrome alloys. Produces bright and shiny surfaces. Presents a particularly long durability and does not attack the surface of the unit. Optimum gilding capacity at a temperature of 35°C–45°C (95°F–113°F) and an electrical current of 3,5–4,5 A.

In order to obtain excellent polishing results, we recommend the use of our various specific gilding units, see *page 10*.

1000 ml	item no. 80 065 018
5000 ml	item no. 80 065 019

S-U-ELEKTROLYT-SUPER *Electropolishing Solution for Co-Cr*



Electropolishing solution for cobalt-chrome alloys. Additional components make it possible to obtain a completely shiny and polished surface, even on total maxillary castings, while polishing time and material abrasion are both reduced. Optimum gilding capacity at a temperature of 35°C–45°C (95°F–113°F) and an electrical current of 3,5–4,5 A.

In order to obtain excellent polishing results, we recommend the use of our various specific gilding units, see *page 10*.

1000 ml	item no. 80 067 018
5000 ml	item no. 80 067 019

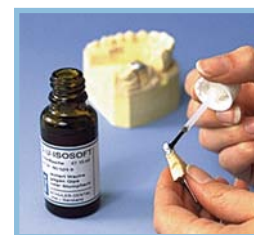
S-U-ISOFIX and S-U-ISOSOFT *Isolation*



S-U-ISOFIX seals off wax against plaster. The same excellent results can be obtained, when using this die separator on die plastics, metals and other porous materials.

S-U-ISOSOFT is ideal for the sealing of plaster dies, prior to the production of wax-copings. It does not contain silicone and thus burns without leaving any residues.

S-U-ISOFIX and S-U-ISOSOFT are recommended when using the spacer, e.g. best results are achieved with S-U-FITPAINT, see *page 21*.



S-U-ISOFIX , bottle with brush 25 ml	item no. 80 525 8
S-U-ISOFIX , refill bottle with 250 ml	item no. 80 525 88
S-U-ISOFIX , refill bottle with 1000 ml	item no. 80 525 888
S-U-ISOSOFT , bottle with brush 25 ml	item no. 80 524 8
S-U-ISOSOFT , refill bottle with 250 ml	item no. 80 524 88
S-U-ISOSOFT , refill bottle with 1000 ml	item no. 80 524 888

S-U-RETENTION-BEADS-SET



A very reliable retention system, easy to apply.
To be used for the acrylic, veneering and model casting technique.
S-U-RETENTION-BEADS-SET consisting of: 1 bottle Retention-Beads 25 g and 1 bottle Retention-Beads-Glue 15 ml.

Set with 0,4 mm	item no. 80 504 019
Set with 0,6 mm	item no. 80 506 019
Set with 0,8 mm	item no. 80 508 019

S-U-FITPAINT *Die-Spacer*



Space retainer for a cement cleft between crown and die as well as for sealing of the plaster surface or of blocking-out wax.
These die-spacer dry quickly, are viscous and do not flake off.
S-U-FITPAINT-R is a red die spacer. Thickness per layer approx. 6µm.
S-U-FITPAINT-S has a silver colouration. Thickness per layer approx. 6µm.
S-U-FITPAINT-TH is the corresponding thinner for the die-spacers.

For the insulation of dies we recommend our S-U-ISOSOFT, *page 20*.

S-U-FITPAINT-R , bottle with brush 25 ml	item no. 80 510 29
S-U-FITPAINT-S , bottle with brush 25 ml	item no. 80 515 29
S-U-FITPAINT-TH , bottle with brush 25 ml	item no. 80 517 29

S-U-FIX-O-FILL *Glueing-Resin*



Glueing-resin for rapid glueing and blocking-out. Base material and accelerator spray for extremely quick hardening.
The watery base material has a blue colouration and is therefore well perceptible, even in low layer thickness. S-U-FIX-O-FILL burns without leaving any residues, connects to wax and is well-adherent to metal.
Typical application: Rapid fixation of plaster and wax parts, attachment-matrixes, broken denture parts, casting parts before the soldering investment; filling of cavities in plaster dies, blocking-out of undercuts, strengthening of thin modellations in wax or resin, sealing and hardening of plaster surfaces.

S-U-FIX-O-FILL-BASIC , base material, filler 2 x 10 g	item no. 80 523 029
S-U-FIX-O-FILL-SPRAY , accelerator spray 50 ml	item no. 80 523 529

S-U-RAPID-GLUE



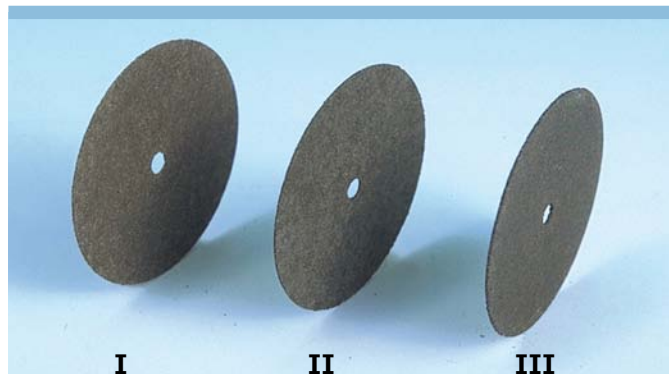
This glue is adapted for a fast connection of acrylics, metal and plaster.

Due to it's fluidity it is perfect for sealing plaster surfaces. This results in extreme hardness and solid edges.
Especially marked preparation lines remain visible.

bottle 10 g	item no. 80 520 029
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MATERIALS

S-U-CUTTING-DISCS *for Ceramics*



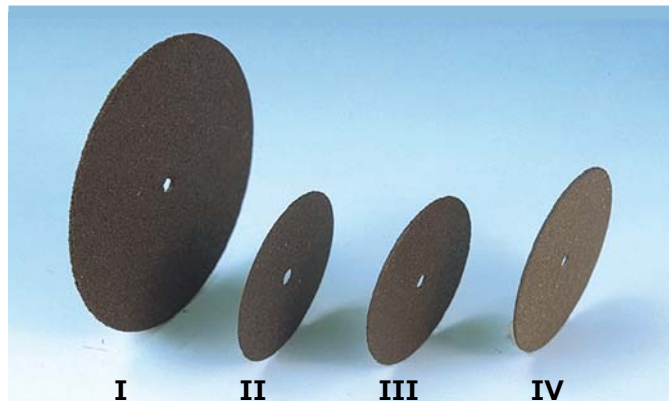
Extremely thin, for delicate cutting (I).

Extremely thin, high cutting capacity (II).

For the cutting of ceramics and precious metals (III).

22,0 x 0,20 mm, 100 pcs (I)	item no. 80 830 9
22,0 x 0,26 mm, 100 pcs (II)	item no. 80 836 9
22,0 x 0,30 mm, 100 pcs (III)	item no. 80 833 9

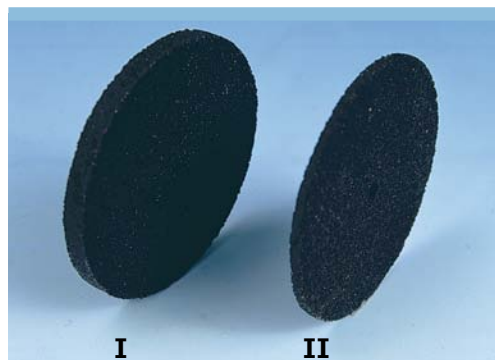
S-U-CUTTING-DISCS *for Precious- and Non-Precious Metals*



These resistant cutting discs present an especially high cutting capacity, as well as excellent resistance to breaking and bending.

37,0 x 1,0 mm, 100 pcs (I)	item no. 80 852 019
22,0 x 0,3 mm, 100 pcs (II)	item no. 80 850 019
22,0 x 0,3 mm, 200 pcs (II)	item no. 80 850 012
22,0 x 0,6 mm, 100 pcs (III)	item no. 80 851 019
25,0 x 0,6 mm, 100 pcs (IV)	item no. 80 851 519

S-U-GRINDING- and CUTTING-DISCS



For the separation and rapid abrasion of large metal surfaces, long durability.

35,0 x 3,00 mm, 25 pcs (I)	item no. 80 854 019
34,0 x 1,65 mm, 50 pcs (II)	item no. 80 852 719

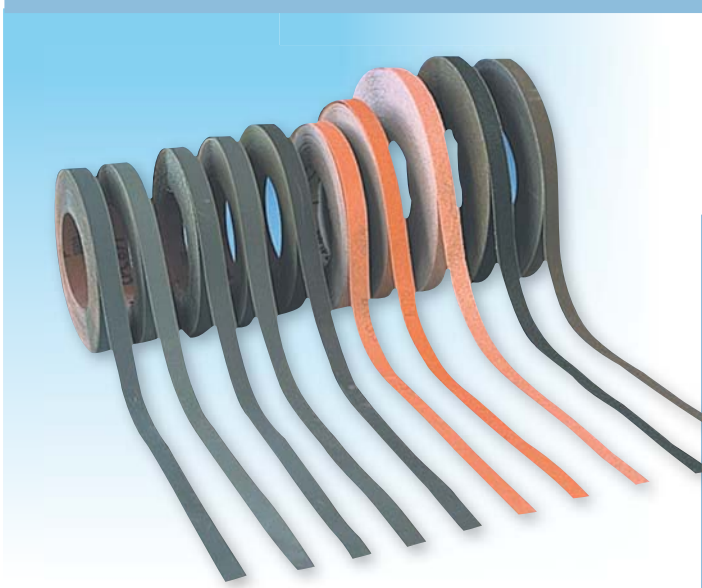
S-U-CUTTING-DISCS *Tissue-Reinforced, for Co-Cr*



High resistance to breaking and bending. Very good quality, long durability.

40,0 x 1,0 mm, 25 pcs	item no. 80 853 118
40,0 x 1,0 mm, 50 pcs	item no. 80 853 119
22,0 x 1,0 mm, 25 pcs	item no. 80 853 018
22,0 x 1,0 mm, 25 pcs	item no. 80 853 019

S-U-CORUNDUM-PAPER and S-U-CORUNDUM-LINEN



High abrasion stability and regular grain-distribution guarantee an excellent abrasion- and polishing efficiency.

Packaging: rolls of 50 m.

S-U-CORUNDUM-PAPER

Graining K 80	item no. 81 008 019
Graining K 120	item no. 81 012 019
Graining K 150	item no. 81 015 019
Graining K 180	item no. 81 018 019
Graining K 400	item no. 81 040 019
Graining K 600	item no. 81 060 019
Graining K 800	item no. 81 080 019
Graining K 1000	item no. 81 100 019
Graining K 1200	item no. 81 120 019

S-U-CORUNDUM-LINEN

Graining K 220	item no. 81 222 019
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S-U-POLISHING-PASTES



For model casting-, gold- and non-precious metal alloys and acrylics. Made of pure and clean raw materials. The emulgating component is based on waxes, also used for technical products in medicine.

White polishing paste, for the preparatory- and shine polishing of all materials.

Pink polishing paste, for the preparatory and final polishing of Co-Cr-alloys.

Yellow polishing paste, for the shine polishing of steel and metal. Former green paste.

Beige polishing paste, all-purpose for acrylics.

Packaging: 1 bar with 250 g.

white	item no. 80 530 8
pink	item no. 80 532 8
yellow	item no. 80 533 8
beige	item no. 80 534 8



The Original Wax Sheet

Dental Waxes

and their application (without denture prosthetics) Additional information, alternative application

		Modelling C + B										Co-Cr Castings							Special	physical properties
		● optimally suitable ○ suitable										Clasp	Retention	Palatal plate	Max., ling. bar, marginal border	Connecting of wax profiles	Blocking-out, before duplicating	Casting sprue		
S-U-MODELLING-WAX, blue	universal casting wax	●	●	●	●	●	●	●	●	●	●	●			●			●	Blocking-out of cavities in dies	s = smooth, m = medium-hard h = hard, eh = extra-hard burns without leaving any residues (e.g. IPS-Empress)
S-U-MODELLING-WAX, green	universal casting wax	●	●	●	●	●	●	●	●	●	●	●		●	●	●		●	Modelling for demonstration	
S-U-WAX-BEADS, blue	universal casting wax, in beads	●	●	●	●	●	●	●	●	●	●	●		●					Blocking-out of cavities in dies	
S-U-WAX-BEADS, green	universal casting wax, in beads	●	●	●	●	●	●	●	●	●	●	●			●	●				
S-U-WAX-BEADS, beige	corresponds to S-U-ESTHETIC-WAX-O, in beads	●	●	●	●	●	●	●	●	●	●	●			●	●		●		
S-U-WAX-BEADS, grey	corresponds to S-U-INLAY-WAX grey, in beads	●	●	●	●	●	●	●	●	●	●	●			●	●		●		
S-U-INLAY-WAX, dark green	minimal contraction	●	●	●	●	●	●	●	●	●	●	●						●		
S-U-UNDERLAY-WAX, orange, smooth	ideal contraction, malleable	●	●	●	●	●	●	●	●	●	●	●					●			
S-U-MILLING-WAX, blue, extra-hard	extremely hard, acrylic like	●	●	●	●	●	●	●	●	●	●	●							s	
S-U-MILLING-WAX, red	very good cutting and carving properties	●	●	●	●	●	●	●	●	●	●	●							eh	
S-U-CAVIPLANE-WAX, red	high melting point, approx. 120°C (250°F)	●	●	●	●	●	●	●	●	●	●	●							eh	
S-U-GNATHO-WAX-O	organic colouration, translucent when melted	●	●	●	●	●	●	●	●	●	●	●			●	●			h	
S-U-GNATHO-WAX-A, as per M. H. Polz	inorganic colouration, opaque when melted	●	●	●	●	●	●	●	●	●	●	●			●	●			h	
S-U-ESTHETIC-WAX-O, brown, as per M. H. Polz	organic, without residues, for glass ceramics	●	●	●	●	●	●	●	●	●	●	●							s	
S-U-ESTHETIC-WAX-O, beige, as per M. H. Polz	organic, without residues, for glass ceramics	●	●	●	●	●	●	●	●	●	●	●							h	
S-U-ESTHETIC-WAX-A, brown, as per M. H. Polz	inorganic, opaque, not for glass ceramics	●	●	●	●	●	●	●	●	●	●	●							s	
S-U-ESTHETIC-WAX-A, beige, as per M. H. Polz	inorganic, opaque, not for glass ceramics	●	●	●	●	●	●	●	●	●	●	●							h	
S-U-CHAMÄLEO-WAXES, 5 shades	plaster colours in brown, green, yellow, pink, grey	●	●	●	●	●	●	●	●	●	●	●							h	
S-U-INLAY-WAX, grey	hard, organic, similar to S-U-ESTHETIC-WAX-O	●	●	●	●	●	●	●	●	●	●	●			●	●			h	
S-U-TRANSPA-WAX, grey	universal, organic, ideal contraction	●	●	●	●	●	●	●	●	●	●	●			●	●			h	
S-U-WAX-STICKS, beige	drop and heart profile, shorable	●	●	●	●	●	●	●	●	●	●	●			●	●		●	m	
S-U-SADDLE- and LINING-WAX	very good adhesion to plaster	●	●	●	●	●	●	●	●	●	●	●					●	●	h	
S-U-WAX-PATTERNS	flexible, very good adhesion to plaster	●	●	●	●	●	●	●	●	●	●	●					●		s	
S-U-HOLE-RETENTIONS	flexible, very good adhesion to plaster	●	●	●	●	●	●	●	●	●	●	●							s	
S-U-FLEXIBLE-WAX, green	flexible, transl., good adhesion (goldsmith)	●	●	●	●	●	●	●	●	●	●	●					●		m	
S-U-WAX-PROFILES, blue	flexible, good adhesion (orthodontia, goldsmith)	●	●	●	●	●	●	●	●	●	●	●			●	●			m	
S-U-JOINING-WAX for Co-Cr castings	good adhesion, good carving characteristics	●	●	●	●	●	●	●	●	●	●	●			●	●			s	
S-U-BLOCKING-OUT-WAX f. Co-Cr castings, pink	good adhesion, org. colour, removable with steam	●	●	●	●	●	●	●	●	●	●	●					●		s	
S-U-CERAMO-GROUND-WAX	cervical wax, all-ceramics	●	●	●	●	●	●	●	●	●	●	●					●		m	
S-U-CERAMO-CARVING-WAX	casting wax, all-ceramics	●	●	●	●	●	●	●	●	●	●	●					●		h	
S-U-CERAMO-CAPS-WAX	especially for dipping caps, all-ceramics	●	●	●	●	●	●	●	●	●	●	●					●		m	
S-U-SHADE-SET	14 colours, transl. + opaque, partly for casting purposes, *) burns without residues: Nr. 1-4, 12	●	●	●	●	●	●	●	●	●	●	●						●	s/h	*)

Catalogue page

WAXES FOR CROWN & BRIDGE TECHNIQUES

i An important focus is our wax production. We are among the wax manufacturers with the largest product range. In our house suitable waxes have been developed over the years for almost every application in all areas and many of them presented as novelties. Our extensive choice of dental waxes has been put up to meet the requirements of dental technology.

Spot checks and final product inspection, as well as the use of especially selected raw materials ensure the high quality of our dental waxes.

All cone-shaped S-U-WAXES can be attached to one another, to form an individual set. Each cone is protected against contamination by a transparent cap.

S-U-MODELLING-WAX, blue *hard*



Especially suitable for the waxing of occlusal surfaces and the shaping of crown walls as well as the building up of bridge pontics for acrylic and porcelain veneers. It distinguishes by its high surface density. The opaque, strong colouring makes it easier to determine the contours while modelling.

Cone 45 g. Solidus 64°C (147°F).

item no. 60 000 01

S-U-MODELLING-WAX, green *medium-hard*



A smoother, medium-hard quality of our approved S-U-MODELLING-WAX, blue (hard) for the casting technique featuring the same excellent physical treatment properties.

Due to its minor hardness this wax presents improved breakage stability and may be used for all the procedures of the casting technique.

Cone 45 g. Solidus 57°C (135°F).

item no. 60 000 11

S-U-MODELLING-WAX, grey *improved composition*



O-grey



A-grey

For the same application area as the S-U-MODELLING-WAX blue, while being either organic or anorganic. The S-U-MODELLING-WAX-O, grey is purely organic, burns without leaving residues, and therefore it is also suitable for all-ceramics.

The S-U-MODELLING-WAX-A, grey, on the other hand, is slightly opaque and has also excellent modelling properties.

Cone 45 g. Solidus 64°C (147°F), for both.

O-grey

item no. 60 000 31

A-grey

item no. 60 000 21

WAXES FOR CROWN & BRIDGE TECHNIQUES

S-U-UNDERLAY-WAX



Is to be used especially for the forming of cervical margins of crowns, onlays and inlays.
It is a soft casting wax, which shows almost no contraction.
Applied to margins of crowns after waxing, it guarantees precise margin seals.

Cone 45 g. Solidus 66°C (150°F).

item no. 60 040 01

S-U-TRANSPA-WAX, grey *medium hard*



The base for S-U-INLAY-WAX, grey. A casting wax with excellent physical properties, due to its especially high-quality raw materials. Excellent fluidity, does not lift off, contracts to the moistened surface. Especially suitable as underlay wax for inlays or for crown borders. Because of organic colouration it burns totally without leaving any residues. Translucent when in liquid state, therefore eventual bubbles or contaminations are well visible during the modelling process. Preparation margins and solidifying phase are well perceptible.

Grey colouration, for lowest possible physiological strain on the eyes.

Cone 45 g. Solidus 59°C (138°F).

item no. 60 029 01

S-U-INLAY-WAX, grey *hard*



For the chewing surface design. Physical features are similar to those of S-U-ESTHETIC-WAX-O. Burns without leaving any residues, therefore it is suitable for glass ceramics.

Cone 45 g. Solidus 61°C (142°F).

item no. 60 028 01

S-U-INLAY-WAX, dark green



The ideal wax for the modelling of inlays, onlays and three quarter crowns. Its special characteristic is that it does not withdraw, i.e. lift off the edges while solidifying. The somewhat smoother winter quality distinguishes by excellent flowing and carving properties.

Cone 45 g. Solidus Summer 57°C (135°F). Solidus Winter 55°C (131°F).

Summer
Winter

item no. 60 020 01

item no. 60 025 01

WAXES FOR CROWN & BRIDGE TECHNIQUES

S-U-SECONDARY-WAX, dark blue



Especially developed for the production of secondary parts for telescope crowns, precision attachments and individual attachments. It has the unique characteristic of remaining stuck to the metal during solidification, which is due to the exact harmonization of temperature and hardness of the wax. No streaking during further wax applications.

Cone 45 g. Solidus Summer 62°C (143°F). Solidus Winter 59°C (138°F).

Summer	item no. 60 010 01
Winter	item no. 60 015 01

S-U-MILLING-WAX, red *hard*



This milling wax is a harder version of the S-U-MODELLING-WAX, blue. It is very suitable for the use with electrically heated instruments, such as in building up the primary sections of telescopic crowns. Due to the hardness of this wax it is also well suited when using rotating instruments.

Cone 45 g. Solidus 63°C (146°F).

item no. 60 030 01

S-U-MILLING-WAX, blue *extra hard*



This especially hard version to the S-U-MILLING-WAX red (hard) is manufactured according to a different recipe. It is organically coloured and has a high synthetic content, enabling homogeneous application. Its extreme surface density achieves excellent splinter removal when working with rotating instruments.

Cone 45 g. Solidus 70°C (150°F).

item no. 60 033 01

S-U-STICKY-WAX C+B



This wax is particularly suitable for the connection of objects before soldering. Its brittleness when in cool state prevents the change of the position (distortion) of individual parts.

Cone 45 g. Solidus 77°C (170°F).

item no. 60 045 01

WAXES FOR CROWN & BRIDGE TECHNIQUES

S-U-CAVIPLANE-WAX



For the use of quick blocking-out of cavities in plaster dies. Its high melting temperature of approximately 120°C (250°F) makes it possible – after using the usual die lubrication – to add modelling wax or to make a coping with the dipping or adapting method, without merging with the corresponding wax.

Cone 45 g. Solidus 85°C (185°F).

item no. 60 035 01

S-U-GNATHO-WAX-O



Developed especially for gnathological waxing techniques. It distinguishes by excellent fluidity and a high strength value. Repeated heating does not lead to changes in its crystalline structure, which guarantees continuous working. With this wax there is absolutely no tensional deformation even of built-up occlusal surfaces with unusually large cross-sections.

Cone 45 g. Solidus 64°C (147°F), for all four of them.

blue	item no. 60 050 01
red	item no. 60 051 01
green	item no. 60 052 01
yellow	item no. 60 053 01

S-U-GNATHO-WAX-A *as per Polz*



This is a wax for the waxing up technique. It presents excellent physical properties and is easy to work with. Due to its inorganic colouration, the wax seems to be opaque, even when in liquid state, which facilitates its application and makes it easier to keep control of the wax-layer's thickness.

Cone 45 g. Solidus 57°C (135°F), for all four of them.

blue	item no. 60 055 01
red	item no. 60 056 01
green	item no. 60 057 01
yellow	item no. 60 058 01

WAXES FOR CROWN & BRIDGE TECHNIQUES

S-U-ESTHETIC-WAXES-O and -A *as per Polz*



Distinguished by low contraction, improved flowing and carving properties and a high surface density. S-U-ESTHETIC-WAX-O burns without leaving residues, therefore it is most suitable for glass ceramic castings. S-U-ESTHETIC-WAX-A contains a min. share (<1 vol %) of inorganic substances, which make the wax seem to be opaque even when it is liquid. An exact dosage of the wax quantity and its precise application are thus facilitated. Though it is not suited for castable glass ceramics.

Cone 45 g. Solidus 51°C (124°F).

S-U-ESTHETIC-WAX-O brown	item no. 60 060 1
S-U-ESTHETIC-WAX-O beige	item no. 60 061 1
S-U-ESTHETIC-WAX-A brown	item no. 60 065 1
S-U-ESTHETIC-WAX-A beige	item no. 60 066 1

S-U-WAX-BEADS



These waxes ensure a quick and exact working, since the beads allow an exact dosage of the desired wax quantity when picking them up. Especially when used in connection with S-U-ELEKTRO-KULI, see page 3. The waxes correspond in quality to the well-tried and tested cone-shaped modelling waxes:

S-U-WAX-BEADS blue, hard corresponds to S-U-MODELLING-WAX blue, hard. Solidus 64°C (147°F).

S-U-WAX-BEADS green, medium hard corresponds to S-U-MODELLING-WAX green, medium hard. Solidus 57°C (135°F).

S-U-WAX-BEADS beige corresponds to S-U-ESTHETIC-WAX-O beige. Solidus 51°C (124°F).

S-U-WAX-BEADS grey corresponds to S-U-INLAY-WAX grey, hard. Solidus 61°C (142°F).

blue hard, box 125 g	item no. 60 000 7
green medium hard, box 125 g	item no. 60 003 7
beige, box 125 g	item no. 60 000 4
grey, box 125 g	item no. 60 000 5

S-U-PICUP *Dispenser for Wax-Beads*

The attractively designed and practical wax dispenser is directly screwed onto the wax beads' container and thus the wax remains dust-free.

Dispenser only, without wax.

item no. 40 170



WAXES FOR CROWN & BRIDGE TECHNIQUES

S-U-DIPPING-WAX *in Sticks*



For creating coping with even wall thickness by the dipping method. Guaranteed the best fitting accuracy for the casting.

Preventing accidental deformation due to high solidity of the wax, approx. 30 seconds after dipping. The dipping temperature should be between 85°C and 90°C (185°F and 195°F) which corresponds to a middle setting of the temperature switch of the S-U-TAUCHDOSE, see page 2. With an immersion time of one second, a wall thickness of approximately 0,4 mm is achieved.

The dark brown colouration of S-U-DIPPING-WAX brown enhances the contrast effect and facilitates controlling the minimum thickness of the wax object.

Box of 200 g. Solidus 74°C (165°F).

yellow, extra soft	item no. 60 070 016
green, soft	item no. 60 075 016
brown, soft elastic	item no. 60 077 016

► Dipping Wax for Press-Ceramics, see page 37.

S-U-DIPPING-WAX *in Pellets*



Alternative form to the established S-U-DIPPING-WAX in sticks. The application area and wax properties are therefore identical.

The pellets form allows an exact dosage, out of a practical box.

Box of 300 g. Solidus 74°C (165°F).

yellow, extra soft	item no. 60 070
green, soft	item no. 60 075
brown, soft elastic	item no. 60 077

S-U-CHAMÄLEO-WAXES *in Common Plaster Shades*



The five different shades give the dental technician the chance to model in a precise manner. Furthermore, clean marginal limits are guaranteed. The identical shade of wax and plaster immediately visualizes the accuracy of the waxing. Physically, this wax presents the same high-quality characteristics as the S-U-ESTHETIC-WAX-A. However, it is also not suited for castable glass ceramics. Cone 45 g. Solidus 51°C (124°F).

brown	item no. 60 083 1
green	item no. 60 082 1
yellow	item no. 60 081 1
pink	item no. 60 084 1
grey	item no. 60 085 1

WAXES FOR CO-CR & ACRYLICS

S-U-WAX-PROFILES



These profiles adhere well, are non-contracting and easy to apply. Due to using high-quality basic materials and moulding pressures, a homogenous and unalloyed structure is achieved. Available in many different shapes.

S-U-WAX-Profiles round

0,6 mm, 12,5 g	•	item no. 62 706 18
0,8 mm, 25 g	•	item no. 62 708 18
0,9 mm, 25 g	•	item no. 62 709 18
1,0 mm, 25 g	•	item no. 62 710 18
1,1 mm, 25 g	•	item no. 62 711 18
1,2 mm, 37,5 g	•	item no. 62 712 18
1,5 mm, 50 g	•	item no. 62 715 18

S-U-LINGUAL-BAR

3,1 x 1,2 mm, 50 g	◐	item no. 63 431 14
3,3 x 1,7 mm, 50 g	◐	item no. 63 433 14
4,0 x 1,7 mm, 65 g	◐	item no. 63 417 14
4,3 x 2,1 mm, 65 g	◐	item no. 63 443 14
3,8 x 2,5 mm, 65 g	◐	item no. 63 438 14
4,0 x 2,5 mm, 65 g	◐	item no. 63 440 14
3,8 x 2,4 mm, 65 g	◐	item no. 63 338 14
4,0 x 2,6 mm, 65 g	◐	item no. 63 340 14

S-U-WAX-Profiles semi-round

1,5 x 0,75 mm, 25 g	◑	item no. 63 215 14
1,6 x 0,8 mm, 37,5 g	◑	item no. 63 216 14
1,8 x 0,9 mm, 50 g	◑	item no. 63 218 14
2,0 x 1,0 mm, 50 g	◑	item no. 63 220 14
3,0 x 1,5 mm, 65 g	◑	item no. 63 230 14
3,5 x 1,7 mm, 65 g	◑	item no. 63 235 14
3,75 x 2,0 mm, 65 g	◑	item no. 63 237 14
4,0 x 1,5 mm, 65 g	◑	item no. 63 240 14

S-U-MAXILLARY-BAR

5,0 x 1,3 mm, 65 g	◑	item no. 63 650 14
5,3 x 2,5 mm, 65 g	◑	item no. 63 653 14

S-U-MARGINAL-BORDER

2,0 x 1,0 mm, 25 g	◑	item no. 63 720 14
2,7 x 1,8 mm, 25 g	◑	item no. 63 727 14

S-U-JOINING-WAX, dark green *for Model Castings*



Particularly for the connection of wax profiles, clasps, flexible waxes and other retainers to Co-Cr castings. It adheres well to investment, is easy to apply, features excellent carving properties and does not smear. This wax is slightly transparent if applied in thin layers and thus lets markings on the model show through.

Cone 45 g. Solidus 54°C (130°F).

item no. 60 043 01

S-U-BLOCKING-OUT-WAX, pink *for Co-Cr Castings*



Especially suitable for blocking-out and paralleling undercuts in the Co-Cr casting technique. Due to the opaqueness in liquid and plastic state, contours can be seen.

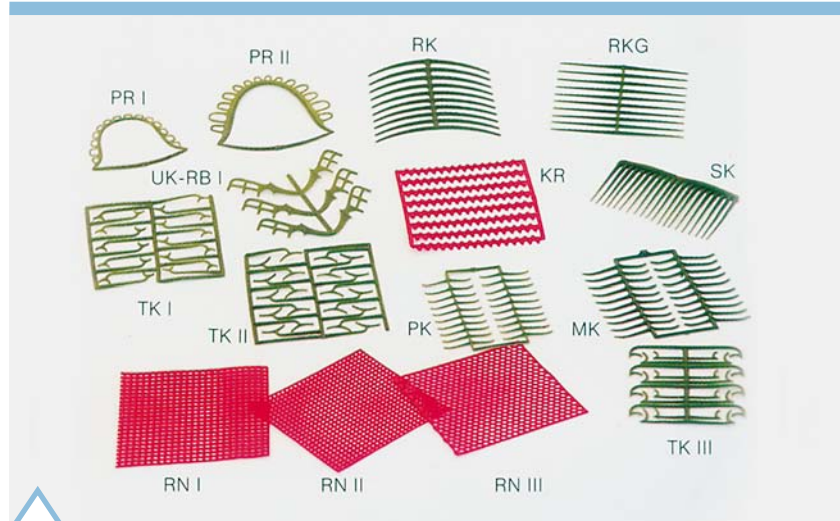
This wax presents good application and carving qualities, is well-adherent and easily removable with steam.

Cone 45 g. Solidus 58°C (136°F).

item no. 60 042 01

WAXES FOR CO-CR CASTING

S-U-WAX-PATTERNS



These wax patterns are made of casting wax, which was especially developed for this purpose.

They are distinguished by their high flexibility and good adhesion.

A special manufacturing process ensures their easy removal from the model.

The working temperature should not fall below 20°C (68°F).

Attention! Please store in a cool place.

PK, Bicuspid Clasp, 10 sheets, 200 pcs	item no. 62 601 019
MK, Molar Clasp, 10 sheets, 200 pcs	item no. 62 602 019
TK I, Bonyhard Clasp, 10 sheets, 200 pcs	item no. 62 603 019
TK II, Bonyhard Clasp, 10 sheets, 200 pcs	item no. 62 604 019
TK III, Clasp With Arm, 10 sheets, 240 pcs	item no. 62 605 019
RKG, Annular Clasp, 10 sheets, 200 pcs	item no. 62 606 019
RK, Annular Clasp, 10 sheets, 200 pcs	item no. 62 607 019
SK, System Clasp, 10 sheets, 200 pcs	item no. 62 608 019

UK-RB I, Lingual Bar, 10 sheets, 30 pcs	item no. 62 609 019
PR I, Plate Retention Small, 10 sheets, 10 pcs	item no. 62 610 019
PR II, Plate Retention Large, 10 sheets, 10 pcs	item no. 62 611 019
KR, Ridge Retention, 10 sheets, 80 pcs	item no. 62 612 019
RN I, Ridge Grid Large, 20 sheets, 20 pcs	item no. 62 613 019
RN II, Ridge Grid Small, 20 sheets, 20 pcs	item no. 62 614 019
RN III, Ridge Grid Round, 20 sheets, 20 pcs	item no. 62 615 019

S-U-HOLE-RETENTIONS



These waxes are used for producing retentions on maxillary and mandibular Co-Cr Castings.

Made of a special wax, which presents excellent stability and plasticity, as well as good adhesion to investment material models.

round, lenght 132 mm, 25 pcs (I)	item no. 65 000 016
round, lenght 132 mm, 250 pcs (I)	item no. 65 000 019
oval, lenght 130 mm, 25 pcs (II)	item no. 65 005 016
oval, lenght 130 mm, 250 pcs (II)	item no. 65 005 019
round, offset, lenght 129 mm, 25 pcs (III)	item no. 65 002 016
two-row type, lenght 132 mm, 25 pcs (IV)	item no. 65 007 016
marginal border, lenght 136 mm, 25 pcs (V)	item no. 65 010 016

WAXES FOR CO-CR CASTING

S-U-FLEXIBLE-WAX



S-U-FLEXIBLE-WAX is transparent, extremely flexible and stable. It is best worked at hand warmth. As it is self-adhesive it is easy to adapt, and maintains in constant thickness even in prominent areas. Available with grained, veined or smooth surface.

Box of 15 sheets, each 150 x 75 mm.

grained, thickness 0,30 mm	item no. 62 030 014
grained, thickness 0,35 mm	item no. 62 035 014
grained, thickness 0,40 mm	item no. 62 040 014
grained, thickness 0,45 mm	item no. 62 045 014
grained, thickness 0,50 mm	item no. 62 050 014
grained, thickness 0,60 mm	item no. 62 060 014

veined, thickness 0,30 mm	item no. 62 130 014
veined, thickness 0,35 mm	item no. 62 135 014
veined, thickness 0,40 mm	item no. 62 140 014
veined, thickness 0,45 mm	item no. 62 145 014
veined, thickness 0,50 mm	item no. 62 150 014
veined, thickness 0,60 mm	item no. 62 160 014

smooth, thickness 0,30 mm	item no. 62 230 014
smooth, thickness 0,35 mm	item no. 62 235 014
smooth, thickness 0,40 mm	item no. 62 240 014
smooth, thickness 0,45 mm	item no. 62 245 014
smooth, thickness 0,50 mm	item no. 62 250 014
smooth, thickness 0,60 mm	item no. 62 260 014

S-U-SADDLE- and LINING-WAX



It is used for the lining of saddle areas when working with the cast-framework technique (reline saddle). It is extremely transparent, malleable and does not lift off, even when working with highfusing duplication materials.

The wax can be easily removed with steam, without leaving any residues.

Box of 15 sheets, each 150 x 75 mm.

thickness 0,3 mm	item no. 62 503 014
thickness 0,6 mm	item no. 62 506 014
thickness 0,7 mm	item no. 62 507 014

WAX WIRES & BRIDGE WORK

S-U-WAX-WIRE



S-U-WAX-WIRE is malleable and tension-free, prevents accidental deformation of objects to be cast. Due to its high stability it may be waxed onto any object easily. Available in blue and green.

S-U-WAX WIRE, turquoise, extra hard: due to the raw materials of especially high quality, this wax wire disposes of superior treatment properties.

It is stable in form and temperature but without becoming brittle in cold state. It shows increased sticking attitude and is very resistant to tearing.

This wax wire is suitable not only for warmer seasons but also for the warmer climatic zones.

Roll of 250 g.

Ø mm	blue, medium hard	blue, hard	green, medium hard	green, hard	turquoise, extra hard
2,0	item no. 62 720 019	item no. 62 720 029	item no. 62 720 039	item no. 62 720 049	item no. 62 720 059
2,5	item no. 62 725 019	item no. 62 725 029	item no. 62 725 039	item no. 62 725 049	item no. 62 725 059
3,0	item no. 62 730 019	item no. 62 730 029	item no. 62 730 039	item no. 62 730 049	item no. 62 730 059
3,5	item no. 62 735 019	item no. 62 735 029	item no. 62 735 039	item no. 62 735 049	item no. 62 735 059
4,0	item no. 62 740 019	item no. 62 740 029	item no. 62 740 039	item no. 62 740 049	item no. 62 740 059
4,5	item no. 62 745 019	item no. 62 745 029	item no. 62 745 039	item no. 62 745 049	item no. 62 745 059
5,0	item no. 62 750 019	item no. 62 750 029	item no. 62 750 039	item no. 62 750 049	item no. 62 750 059
6,0	item no. 62 760 019	item no. 62 760 029	item no. 62 760 039	item no. 62 760 049	item no. 62 760 059

► Wax Wire for Press-Ceramics, see page 37.

S-U-WAX-WIRE, colourless *extra smooth*



Extremely smooth wax wire, which sticks well to impression materials.

Particularly suitable for the delimitation of functional margins on impressions before the production of the model.

Roll of 250 g.

Ø 3,0 mm	item no. 62 930 059
Ø 5,0 mm, protection wax	item no. 62 950 159

S-U-WAX-STICKS, beige *drop and heart profile*



These beige coloured wax sticks can be individually shortened to the desired length and greatly facilitate the modelling of metal-ceramic bridge work.

The sticks burn without leaving any residues and are available in two types.

drop profile, 15 sticks	item no. 63 080 029
heart profile, 15 sticks	item no. 63 080 129

CASTING SPRUES & FOR ACRYLICS

S-U-WAX-STICKS, blue



Hard wax sticks, which by warming up are well workable for casting sprues and transverse bars.

They facilitate the lifting off of wax patterns and avoid unintended deformations. Dies remain undamaged during the fusing of the wax.

Box of 250 g. Length of the sticks 110 mm.

Ø 3,0 mm	item no. 63 030 029
Ø 3,5 mm	item no. 63 035 029
Ø 4,0 mm	item no. 63 040 029
Ø 4,5 mm	item no. 63 045 029
Ø 5,0 mm	item no. 63 050 029
Ø 5,5 mm	item no. 63 055 029

S-U-SPRUE-BARS



straight long

straight



bent

bent long

These preformed sprue bars permit the exact positioning of the wax patterns around the casting ring's center.

The roundish shape of the casting sprues prevents the creation of sharp edges. In this way no investment residues can remain inside the metal.

The transverse bars of the S-U-SPRUE-BARS are large enough to prevent voids. Due to their stability unintentional deformation is avoided, when removed from the model.

straight, height 15 mm, Ø 4 mm, 100 pcs	item no. 65 200 019
straight, height 15 mm, Ø 5 mm, 100 pcs	item no. 65 202 019
bent, height 15 mm, Ø 4 mm, 100 pcs	item no. 65 205 019
bent, height 15 mm, Ø 5 mm, 100 pcs	item no. 65 207 019
straight long, height 20 mm, Ø 4 mm, 100 pcs	item no. 65 201 019
straight long, height 20 mm, Ø 5 mm, 100 pcs	item no. 65 203 019
bent long, height 20 mm, Ø 4 mm, 100 pcs	item no. 65 206 019
bent long, height 20 mm, Ø 5 mm, 100 pcs	item no. 65 208 019

S-U-STICKY-WAX P^{CE}



An universally applicable wax for denture prosthetics.

Due to its high adhesive strength it is well suitable for fixing acrylic teeth in wax rims as well as attaching the rim to the framework.

This wax also ensures a good connection between base plates and bite rims.

Cone 45 g. Solidus 81°C (175°F).

item no. 61 005 01

WAXES FOR ACRYLICS

S-U-WAX-BITE-RIMS "T"™ and "P"™



S-U-WAX-BITE-RIMS "T" for full dentures.

Ideally suitable for the production of occlusal rims for full dentures. They are specially supplied in half-elliptical form for the maxilla and in parabolic form for the mandibula. This makes the time-consuming task of reshaping unnecessary. They were designed, taking into consideration the sagittal and transversal compensation curves. Labially the rims are slightly tapered. With lateral and protrusive movement the bite rims remain in face centered contact. In this way bite registration is made easier for both, dentist and patient.

S-U-WAX-BITE-RIMS "P" for partial dentures, in sticks.

Designed for the construction of occlusal rims for partial dentures as well as for the positioning onto casting saddles. They are supplied in sizes of 110 x 10 x 6 mm.

Set: 50 pcs "Max" + 50 pcs "Mand."
100 pcs "Max", form "T"
100 pcs "Mand.", form "T"
100 pcs "P" in sticks

soft (citrus yellow)
item no. 61 020 019
item no. 61 021 019
item no. 61 022 019
item no. 61 024 019

medium (yellow)
item no. 61 030 019
item no. 61 031 019
item no. 61 032 019
item no. 61 034 019

hard (pink)
item no. 61 040 019
item no. 61 041 019
item no. 61 042 019
item no. 61 044 019

S-U-MOUNTING-WAX™



Facilitates the setting of teeth in partial as well as full dentures. Which is very important, because during solidification this wax goes through a phase of high viscosity, which makes it possible to correct the position of the teeth. When cold, it is very hard and does not permit any type of movement at all. Even inside the mouth at 37°C (99°F) it remains totally rigid and thus accidental alterations of the teeth's positions are avoided. The above noted characteristics explain why this wax also improves the connection between base plate or cast framework and occlusion rims.

Box of 100 g.

item no. 61 010 016

S-U-WAX-IN-PLATES, pink™

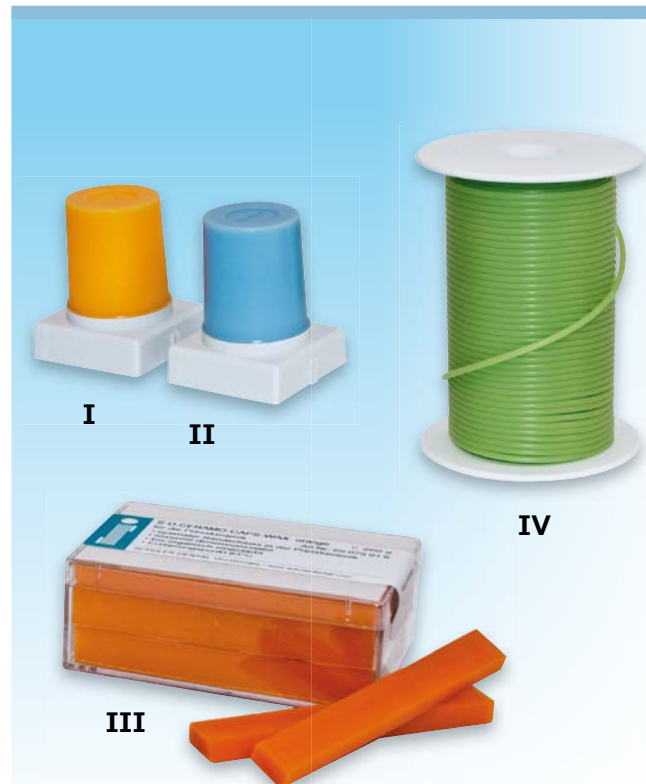


A modelling wax for denture prosthetics and orthodontia. Its rapid setting after the application and good modelling characteristics as well as high resistance to breakage are indicative of its high quality. In addition, the minimal thermal contraction of the wax prevents alterations in the set-up. Box of 500 g, thickness 1,5 mm.

Standard, medium	item no. 63 150 014
Special, elastic	item no. 63 150 034
Standard, elastic	item no. 63 150 114
Winter, soft	item no. 63 150 074
Summer, hard	item no. 63 150 054

PRESS-CERAMICS & CAD/CAM SCAN WAXES

S-U-CERAMO-WAXES *the Purest Wax Set for Press-Ceramics*



The purest special waxes for press-ceramics to meet the highest demands of the increasing quality requests in this field. Our specially created method has been developed for finest filtration of the used raw materials, to get absolutely pure wax. Organic components only. Most effectively composed properties for press-ceramics and immediate recognition of secondary contamination.

S-U-CERAMO-GROUND-WAX, apricot (I) is an underlay i.e. cervical wax, specially created for press-ceramics. It has a low contraction, is elastic and shows stability of shape. Cone 45 g. Solidus 61°C (142°F).

S-U-CERAMO-CARVING-WAX, ice blue (II) is a modelling wax with low contraction for press-ceramics and has the very best carving characteristics. Cone 45 g. Solidus 64°C (147°F).

S-U-CERAMO-CAPS-WAX, orange (III) is a dipping wax with maximal dimensional stability, with which perfect cervical margins in press-ceramics are achieved. Box of 200 g. Solidus 64°C (147°F).

S-U-CERAMO-WAX-WIRE, light green (IV) is the most suitable wax wire for press-ceramics. Roll of 250 g. Solidus 62°C (144°F).

S-U-CERAMO-GROUND-WAX, apricot (I)	item no. 60 038 01
S-U-CERAMO-CARVING-WAX, ice blue (II)	item no. 60 037 01
S-U-CERAMO-CAPS-WAX, orange (III)	item no. 60 079 016
S-U-WAX-WIRE, light green (IV), Ø 2,5 mm	item no. 62 725 069
S-U-WAX-WIRE, light green (IV), Ø 3,0 mm	item no. 62 730 069
S-U-WAX-WIRE, light green (IV), Ø 3,5 mm	item no. 62 735 069

S-U-CAD/CAM-WAXES *former S-U-LASER-WAXES*



Reflection-free and extremely opaque scan waxes for the CAD/CAM technique, appropriate for all laser scanning systems.

These waxes have a low contraction. Also they can be milled. For modelling and blocking-out with a modelling capacity like S-U-ESTHETIC-WAX-A (though not appropriate for casting purposes – for casting purposes, please use our S-U-ESTHETIC-WAX-O or S-U-INLAY-WAX grey, see page 29 and 26).

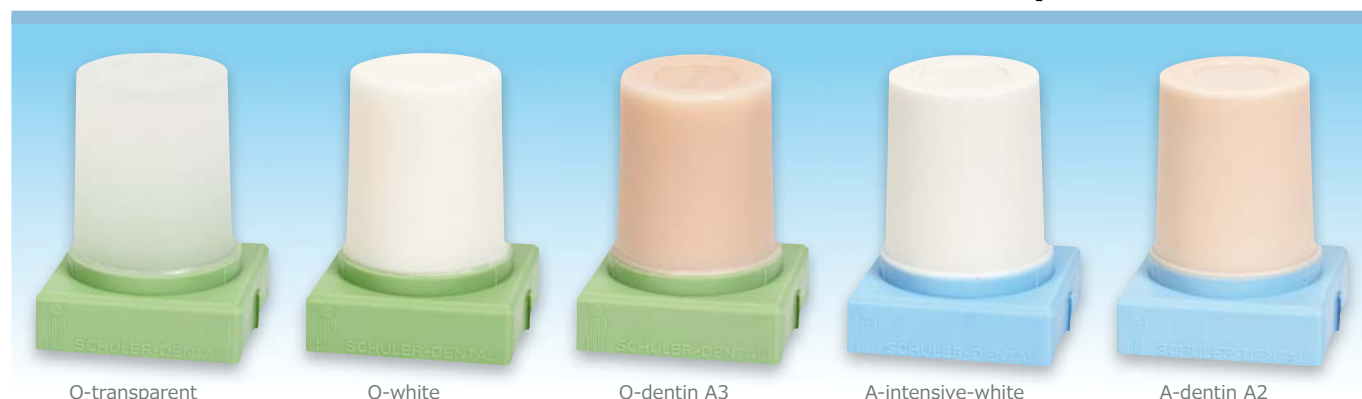
The S-U-CAD/CAM-WAX grey is especially ideal for strip light scanners, because of its neutral colouring.

Cone 45 g. Solidus 51°C (124°F).

pastel blue	item no. 60 091 1
pastel beige	item no. 60 092 2
lilac	item no. 60 093 3
grey	item no. 60 094 4

WAXES FOR DIAGNOSTIC WAX-UPS

S-U-DIAGNOSTIC-WAXES^{CE} *Series of Wax-Up Waxes*



O-transparent

O-white

O-dentin A3

A-intensive-white

A-dentin A2

Special waxes, ideal for wax-ups. With excellent modelling and carving properties. Also ideal for temporary veneers of secondary telescopes. The S-U-DIAGNOSTIC-WAXES-O transparent, white and dentin A3 are purely organic and burn without leaving residues, so they are suitable for all-ceramics. The opaque S-U-DIAGNOSTIC-WAXES-A intensive-white and dentin A2 also cover metal scaffolding well. Cone 45 g. Solidus 51°C (124°F).

O-transparent	item no. 60 204 4
O-white	item no. 60 205 5
O-dentin A3	item no. 60 206 6
A-intensive-white	item no. 60 202 2
A-dentin A2	item no. 60 203 3

- ▶ preformed wax facets for wax-ups, see page 40
- ▶ natural grey modelling waxes, see page 25

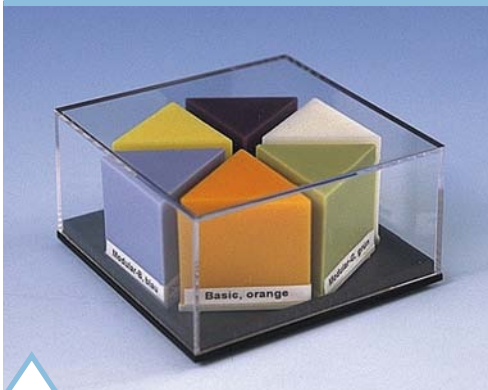
S-U-SHADE-SET *as per Polz*



The committed dental technician as well as the apprentice will find it easier to shape teeth in their natural form and colour, when making use of the S-U-SHADE-SET. It contains 12 differently coloured waxes, which are also distinguished from each other by the intensity and shades of their colours as well as by their translucency or opaqueness. Additionally, gold and silver coloured waxes are included for the imitation of fillings. The cuplets in packages of 5 g are easily replaceable i.e. can be added within the set of shades. Because the set box is made of metal it is resistant and not prone to dirt.

individual colours	cuplet 5 g	box 100 g
No. 1 transparent colourless	item no. 65 271 5	item no. 65 271 9
No. 2 bluish-transparent	item no. 65 272 5	item no. 65 272 9
No. 3 bluish-grey	item no. 65 273 5	item no. 65 273 9
No. 4 intensive blue	item no. 65 274 5	item no. 65 274 9
No. 5 intensive white	item no. 65 275 5	item no. 65 275 9
No. 6 dentin ivory coloured	item no. 65 276 5	item no. 65 276 9
No. 7 dentin beige	item no. 65 277 5	item no. 65 277 9
No. 8 intensive orange	item no. 65 278 5	item no. 65 278 9
No. 9 intensive light-brown	item no. 65 279 5	item no. 65 279 9
No. 10 intensive dark-brown	item no. 65 280 5	item no. 65 280 9
No. 11 intensive black	item no. 65 281 5	item no. 65 281 9
No. 12 pink	item no. 65 282 5	item no. 65 282 9
No. 13 lancet, silver, 1 piece	item no. 65 283 5	
No. 14 lancet, gold, 1 piece	item no. 65 284 5	
S-U-SHADE-SET, complete set	item no. 65 270 3	

S-U-TRISIDE-WAXES *as per Kohlbach*



Extra system for the crown and bridge waxing technique. The high density of this wax guarantees a quick occlusal surface texture. Perfect cervical margin, precise buildup of occlusal surfaces.

TRISIDE is a holistic waxing conception with a logical colour coding for an esthetical harmonious overall picture.

Ivory colour shades make easy carving with a three-dimensional plastic appearance for the reconstruction of the tooth possible.

3 pieces of 20 g each wax in 1 box.

Image: Display with S-U-TRISIDE-WAXES as starting-set consisting of Modular-D, -C, -S, Basic orange, Periphery yellow and Grinding beige.

S-U-TRISIDE Starting-Set, 6 x 20 g

Modular-D, beige, hard, extremely stable

Modular-Y, yellow, hard, extremely stable

Modular-B, blue, hard, extremely stable

Modular-G, green, hard, extremely stable

Modular-C, light-beige, hard, burns residue-free

Modular-S, colourless-transp., smooth

item no. 60 100 5

item no. 60 107 2

item no. 60 101 2

item no. 60 103 2

item no. 60 104 2

item no. 60 105 2

item no. 60 109 2

S-U-TRISIDE Stock-Display, empty

item no. 40 165

Basic, orange, med.-hard, contrast signal to M-D

item no. 60 111 2

Periphery, yellow, hard, contrast in colour

item no. 60 113 2

Grinding, beige, e.-hard, adjusted to Modular-D

item no. 60 115 2

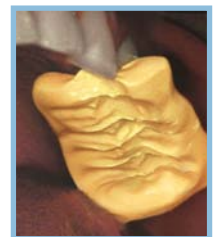
Sticky-soft, violet, smooth, very good adhesion

item no. 60 117 2

Sticky-hard, dark violet, extra hard, for fixing

item no. 60 119 2

S-U-FGP-FUNKTIONS-WAX^{CE}



Specially developed for the FGP technique. Due to the high demand for precision, the innovative FGP technique according to Dr. Griesbeck requires a special wax which can be brought up to chewing temperature quickly and easily and which is solid at room temperature afterwards. Different colours to allow differentiation between the bite registrations. No taste and optimum bolus behaviour in the mouth.

25 pieces yellow, 25 pieces green.

item no. 74 000 1

S-U-FGP-WAX-WARMER

Heating unit for the use in dental laboratories. The temperature controlled by a thermostat can be regulated up to 75°C.

Technical Data

Height 150 mm // Ø 90 mm // 230 V // 50/60 Hz // 80 W // 0,3 kg

item no. 10 280



PREFORMED WAX-UP PARTS

S-U-FORM-UP^{CE} Wax Facets for Wax-Ups, as per Michel Magne



	13	12	11	21	22	23
univers 1						
terra 2						
fuoco 3						
aria 4						
acqua 5						
gamma 6						

form no. (1-6) completes item no. for individual shapes or tooth front refill packaging

tooth no. (13-23) completes item no. for individual shapes or tooth front refill packaging

Wax moulded parts for wax-ups with the most exacting requirements in front dental aesthetics. Designed by Michel Magne to look perfectly natural and according to different human types.

Used for rational modelling of long-term temporary arrangements, single specimens, production of drill templates for implants, and much more.

The wax facets are made of organic wax so that it can burn out without leaving residues.

An *assortment* consists of 6 different types of teeth for 6 front teeth (13-23), each 10 parts per form and tooth, which makes 360 units in total, additionally one colour-coordinated wax for supplementing and filling in (S-U-FORM-UP-WAX), as well as one further wax for fixing the parts (S-U-FIXING-WAX).

For your desired tooth shapes in refill packagings, please choose in the sheet above.

S-U-FORM-UP beige { complete assortment of 360 units,
S-U-FORM-UP grey { plus S-U-FORM-UP-WAX and -FIXING-WAX

S-U-FORM-UP-WAX beige, tin 45 g

S-U-FORM-UP-WAX grey, tin 45 g

S-U-FIXING-WAX, transparent, tin 45 g

Refill Pack, beige, pack of 12 identical units

Refill Pack, grey, pack of 12 identical units

using X for form no. (1-6) and Y for tooth no. (13-23), e.g. 75 03 11 for beige fuoco form and tooth 11

Refill Pack, beige, pack of 6 teeth (one front) x 2 units

Refill Pack, grey, pack of 6 teeth (one front) x 2 units

using X for form no. (1-6), e.g. 75 04 05 for beige aria form

item no. 75 00 05

item no. 75 10 05

item no. 75 00 01

item no. 75 10 01

item no. 75 00 03

item no. 75 0X YY

item no. 75 1X YY

item no. 75 0X 05

item no. 75 1X 05



Free samples, upon request.

PREFORMED WAX PATTERNS

i The Original rp skabets

Preformed wax patterns present a very time-saving aid for modern dental-technicians when it comes to a rational, individual crown and bridge work.

The high wax quality and the large variety of application lead to excellent results. Due to many years of experience, we are proud to present a perfectionized, complete program of preformed wax patterns.

The complete program consists of: Full Crowns VGK, Occlusal Surface Blocks KBL, Occlusal Surfaces K, Veneer Crown Shells VKS, Elements for Vestibular Veneering GVV, Metal Ceramic Patterns Circular MK-c, Metal Ceramic Blocks Circular MK-BL-c, Economizing Metal Ceramic Blocks MK-BL-cs, Metal Ceramic Blocks with Complete Occlusal Surface MK-BL-K.

If you are interested in any of the rp skabets, which are not in this catalogue, please enquire us directly.

rp skabets, MK-c Metal Ceramic Patterns circular

17	16	15	14	13	12	11	21	22	23	24	25	26	27	◀tooth
														C 33
														B 32
														A 31
														A 31
														B 32
														C 33
47	46	45	44	43	42	41	31	32	33	34	35	36	37	▲size

Original assortment, containing 84 different shapes – 6 preforms per shape. Contents 504 preforms in 2 drawers.

item no. 7101 1147 43

Small assortment, containing 84 different shapes – 3 preforms per shape. Contents 252 preforms in 2 drawers.

item no. 7101 1147 53

Group	Tooth	Size
MK-c 7101	0011	B 32

Refill Pack, containing 25 preforms of one size.

◀ Ordering example for item no. 7101 0011 32

rp skabets, MK-BL-c Metal Ceramic Blocks circular

17-14	12-22	24-27	◀tooth
			C 33
			B 32
			A 31
			A 31
			B 32
			C 33
47-44	42-32	34-37	▲size

Original assortment, containing 18 different shapes – 10 blocks per shape.

Contents 180 blocks in 1 drawer.

item no. 7102 1147 43

Small assortment, containing 18 different shapes – 5 blocks per shape.

Contents 90 blocks in 1 drawer.

item no. 7102 1147 53

Refill Pack, containing 25 blocks of one size. Ordering example for item no. 7102 1222 32 ▶

Group	Teeth	Size
MK-BL-c 7102	12-22	B 32

PREFORMED WAX PATTERNS

rp skabets, MK-BL-cs *Economizing Metal Ceramic Blocks*

17-14	12-22	24-27	◀tooth
			C 33
			B 32
			A 31
			A 31
			B 32
			C 33
47-44	42-32	34-37	▲size

Original assortment, containing 18 different shapes – 10 blocks per shape.

Contents 180 blocks in 1 drawer.

item no. 7105 1147 43

Small assortment, containing 18 different shapes – 5 blocks per shape.

Contents 90 blocks in 1 drawer.

item no. 7105 1147 53

Refill Pack, containing 25 blocks of one size.
Ordering example for item no. 7105 1222 32 ▼

Group	Teeth	Size
MK-BL-c 7105	12-22	B 32

rp skabets, GVV *Elements for Vestibular Veneering*

17	16	15	14	13	12	11	21	22	23	24	25	26	27	◀tooth
														C 13
														B 12
														A 11
														A 11
														B 12
														C 13
47	46	45	44	43	42	41	31	32	33	34	35	36	37	▲size

Original assortment, containing 84 different shapes – 6 preforms per shape.

Contents 504 preforms in 2 drawers.

item no. 7201 1147 41

Small assortment, containing 84 different shapes – 3 preforms per shape.

Contents 252 preforms in 2 drawers.

item no. 7201 1147 51

Refill Pack, containing 25 preforms of one size.

Ordering example for item no. 7201 0013 12 ▼

Group	Tooth	Size
GVV 7201	0013	B 12

PREFORMED WAX PATTERNS

rp skabets, VGK Full Crowns

17	16	15	14	24	25	26	27	◀tooth
								C 13
								B 12
								A 11
								A 11
								B 12
								C 13
47	46	45	44	34	35	36	37	▲size

Original assortment, containing 48 different shapes – 10 blocks per shape.

Contents 480 blocks in 2 drawers.

item no. 7001 1147 41

Small assortment, containing 48 different shapes – 5 blocks per shape.

Contents 240 blocks in 2 drawers.

item no. 7001 1147 51

Refill Pack, containing 25 blocks of one size. Ordering example for item no. 7001 0036 13 ▼

Group	Tooth	Size
VGK 7001	0036	C 13

rp skabets, KBL Occlusal Surface Blocks

17-14	24-27	◀tooth
		C 13
		B 12
		A 11
		A 11
		B 12
		C 13
47-44	34-37	▲size

Original assortment, containing 12 different shapes – 10 blocks per shape.

Contents 120 blocks in 1 drawer.

item no. 7002 1147 41

Small assortment, containing 12 different shapes – 5 blocks per shape.

Contents 60 blocks in 1 drawer.

item no. 7002 1147 51

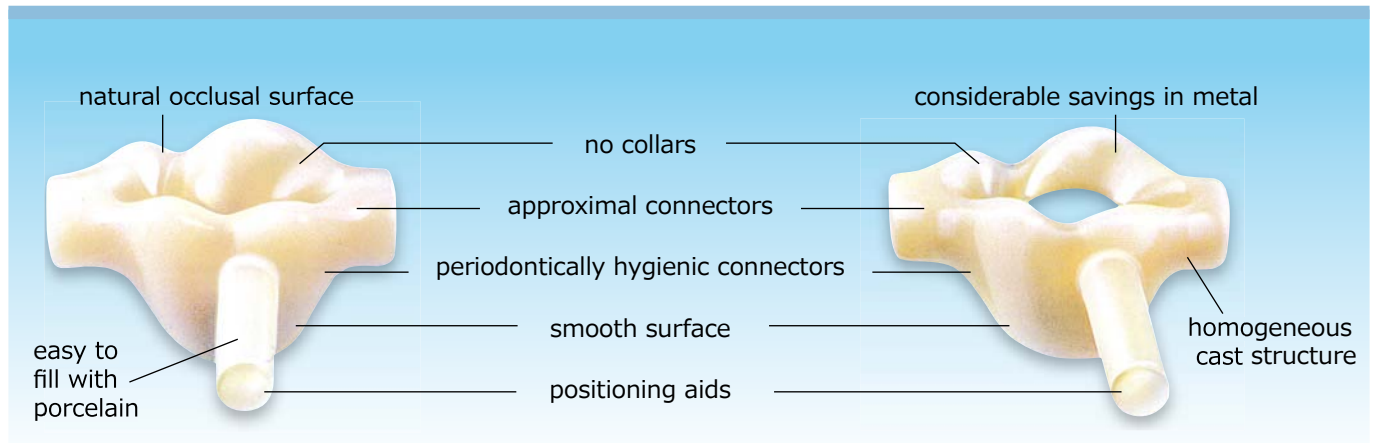
Refill Pack, containing 25 blocks of one size. Ordering example for item no. 7002 1714 11 ▼

Group	Teeth	Size
KBL 7002	17-14	A 11

► If you are interested in any of the rp skabets, which are not in this catalogue, please enquire us directly.
For a summary of the complete program, see page 41.

PREFORMED WAX PATTERNS

skabets MK-VARIO for Metal Ceramics, as per T. Wendler



skabets MK-VARIO are pre-fabricated wax patterns, designed according to natural teeth, perfectly anatomical and physiological, yet reduced by the thickness required for the porcelain.

A great deal of time can be saved when fabricating perfect metal-ceramic frameworks for modern dental technology, a considerable advantage. The possibility of variation among the individual units greatly increases their range of application. Of course the quality of the beige wax has been optimized according to specific requirements.

The absence of a metal collar allows aesthetical results, while the natural design reduces the required amount of finishing. The approximal connectors ensure that the wax frameworks are free of tension.

Handling sprues in labial i.e. buccal position facilitate waxing the units together precisely.

skabets MK-VARIO HOLLOW PATTERNS for posterior teeth require approximately 45% less material, while the increased surface area improves the quality of the casting.

As the crowns and their immediate connectors are of virtually the same volume, the frameworks are free of tension.

Also these patterns are easily filled with porcelain (refers to firing the hollow patterns).

For detailed information about our different assortments, their contents and refill pack orders, see *the next three pages*.

i Directions for Use

The approximal connectors on the posterior tooth-patterns have been extended mesially and distally and can be waxed directly onto the adjacent wax units. When waxing-up multi-unit bridgework, the connectors can be shortened as desired. For reasons of periodontal hygiene, the connectors have been positioned as far toward the occlusal surface as possible, and are thin. The connectors must be reinforced, depending on the applied strain and the length of the bridge. The connectors of the *skabets MK-VARIO ANTERIOR* tooth patterns enable them to be positioned individually, even when only modelling the frame. The buccal, respectively labial handling sprues simplify the fixation of the patterns and have been placed in order to allow easy and clean removal.

The smooth surface and ideal design of the *skabets MK-VARIO* save the user a great deal of time whilst

trimming and finishing the metal frameworks. In most cases only the connection areas need adjusting.

Firing the Hollow Patterns

Once the coating of opaque has been fired, the hollow sections are filled from beneath with the appropriate opacous dentine. The space between the intermediate connections and the ridge are built-up simultaneously. After removing the liquid from the porcelain, carefully lift the bridge off the model and insert a broach into the centre of each hollow, so that when fired the porcelain will shrink toward the metal in a controlled manner. After the first firing, the remaining hollow is refilled with porcelain.

Continue building-up the bridge using standard techniques. It is also possible to place pieces of prefired porcelain in the hollows, thus making a second firing unnecessary.

PREFORMED WAX PATTERNS

skabets MK-VARIO ANTERIORS

skabets MK-VARIO ANTERIORS assortment

One type of pattern is available for the central and lateral lower incisors and is supplied in 4 sizes. For every one of the other upper and lower anterior teeth, one type each is supplied in 3 sizes.

Contents: 10 pieces of every tooth pattern, 28 different forms, in 1 drawer. 280 pieces in total.

For details to order refill packs (RFP), each containing 25 pieces, see *below*.

ANTERIORS assortment **item no. 78 104 3**

Upper canine size: Small right  RFP: item no. 781131	Upper lateral Incisor size: Small right  RFP: item no. 781121	Upper central Incisor size: Small right  RFP: item no. 781111		Upper central Incisor size: Small left  RFP: item no. 781141	Upper lateral Incisor size: Small left  RFP: item no. 781151	Upper canine size: Small left  RFP: item no. 781161
Upper canine size: Medium right  RFP: item no. 781132	Upper lateral Incisor size: Medium right  RFP: item no. 781122	Upper central Incisor size: Medium right  RFP: item no. 781112		Upper central Incisor size: Medium left  RFP: item no. 781142	Upper lateral Incisor size: Medium left  RFP: item no. 781152	Upper canine size: Medium left  RFP: item no. 781162
Upper canine size: Large right  RFP: item no. 781133	Upper lateral Incisor size: Large right  RFP: item no. 781123	Upper central Incisor size: Large right  RFP: item no. 781113		Upper central Incisor size: Large left  RFP: item no. 781143	Upper lateral Incisor size: Large left  RFP: item no. 781153	Upper canine size: Large left  RFP: item no. 781163
Lower canine size: Small right  RFP: item no. 781231			Lower Incisor size: Small  RFP: item no. 781213			Lower canine size: Small left  RFP: item no. 781261
Lower canine size: Medium right  RFP: item no. 781232			Lower Incisor size: Medium  RFP: item no. 781223			Lower canine size: Medium left  RFP: item no. 781262
Lower canine size: Large right  RFP: item no. 781233		Lower Incisor size: Large / long  RFP: item no. 781243	Lower Incisor size: Large  RFP: item no. 781234			Lower canine size: Large left  RFP: item no. 781263

PREFORMED WAX PATTERNS

skabets MK-VARIO POSTERIORs





























skabets MK-VARIO POSTERIORs assortment

One type of wax pontic per quadrant is used for both the 1st and 2nd premolar. The premolar patterns are supplied in 5 sizes for the upper jaw and 6 sizes for the lower jaw. The 1st and 2nd molars are available in 4 sizes per quadrant.

Contents: 10 pieces of every tooth pattern, 28 different forms, in 1 drawer. 280 pieces in total.

For details to order refill packs (RFP), each containing 25 pieces, see below.

POSTERIORs assortment **item no. 78 204 3**

	Upper molar size: Small right  RFP: item no. 782161		Upper premolar size: Small  RFP: item no. 782141		Upper molar size: Small left  RFP: item no. 782171	
Upper molar size: Medium/long right 	Upper molar size: Medium right  RFP: item no. 782162	Upper premolar size: Medium/long  RFP: item no. 782148	Upper premolar size: Medium  RFP: item no. 782142	Upper premolar size: Medium/short  RFP: item no. 782145	Upper molar size: Medium left  RFP: item no. 782172	Upper molar size: Medium/long left  RFP: item no. 782175
	Upper molar size: Large right  RFP: item no. 782163		Upper molar size: Large  RFP: item no. 782143		Upper premolar size: Large left  RFP: item no. 782173	
	Lower molar size: Small right  RFP: item no. 782261	Lower premolar size: Extra small  RFP: item no. 782240	Lower premolar size: Small  RFP: item no. 782241	Lower premolar size: Small/short  RFP: item no. 782244	Lower premolar size: Small left  RFP: item no. 782271	
Lower molar size: Medium/long right 	Lower molar size: Medium right  RFP: item no. 782262		Lower premolar size: Medium  RFP: item no. 782242		Lower molar size: Medium left  RFP: item no. 782272	Lower molar size: Medium/long left  RFP: item no. 782275
	Lower molar size: Large right  RFP: item no. 782263	Lower premolar size: Large / long  RFP: item no. 782249	Lower premolar size: Large  RFP: item no. 782243	Lower premolar size: Large / short  RFP: item no. 782246	Lower molar size: Large left  RFP: item no. 782273	

PREFORMED WAX PATTERNS

skabets MK-VARIO HOLLOW PATTERNS




























skabets MK-VARIO HOLLOW PATTERNS assortment

One type of wax pontic per quadrant is used for both the 1st and 2nd premolar. The premolar patterns are supplied in 5 sizes for the upper jaw and 6 sizes for the lower jaw. The 1st and 2nd molars are available in 4 sizes per quadrant.

Contents: 10 pieces of every tooth pattern, 27 different forms, in 1 drawer. 270 pieces in total.

For details to order refill packs (RFP), each containing 25 pieces, see below.

HOLLOW PATTERNS assortment **item no. 78 304 3**

	Upper molar H size: Small right  RFP: item no. 783161		Upper premolar H size: Small  RFP: item no. 783141		Upper molar H size: Small left  RFP: item no. 783171	
Upper molar H size: Medium/long right 	Upper molar H size: Medium right  RFP: item no. 783162	Upper premolar H size: Medium/long  RFP: item no. 783148	Upper premolar H size: Medium  RFP: item no. 783142	Upper premolar H size: Medium/short  RFP: item no. 783145	Upper molar H size: Medium left  RFP: item no. 783172	Upper molar H size: Medium/long left  RFP: item no. 783175
	Upper molar H size: Large right  RFP: item no. 783163		Upper premolar H size: Large  RFP: item no. 783143		Upper molar H size: Large left  RFP: item no. 783173	
	Lower molar H size: Small right  RFP: item no. 783261		Lower premolar H size: Small  RFP: item no. 783241	Lower premolar H size: Small/short  RFP: item no. 783244	Lower molar H size: Small left  RFP: item no. 783271	
Lower molar H size: Medium/long right 	Lower molar H size: Medium right  RFP: item no. 783262		Lower premolar H size: Medium  RFP: item no. 783242		Lower molar H size: Medium left  RFP: item no. 783272	Lower molar H size: Medium/long left  RFP: item no. 783275
	Lower molar H size: Large right  RFP: item no. 783263	Lower premolar H size: Large / long  RFP: item no. 783249	Lower premolar H size: Large  RFP: item no. 783243	Lower premolar H size: Large / short  RFP: item no. 783246	Lower molar H size: Large left  RFP: item no. 783273	

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printed in Germany 11/2013

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