



CATALOGUE

- English -



Here we are...
...a strong team for your success



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**YETI ROCK III lemon- Class III**

Suitable for modelling of counters, to repair models and as basing for models.

- pleasant colour, clear outline of details
- short setting time
- excellent flowing qualities
- Brinell hardness 110N/mm²

YETI ROCK III lemon

20 kg

923-0020

**YETI ROCK IV creme- Class IV**

Suitable for basing archs in crowns and bridges technique, as well as for master models and models for casting technique.

- very hard plaster, stable edges, scratch and break resistant
- short setting time 30-40 min
- excellent flowing qualities
- working time up to 5,5 min
- very hard, Brinell hardness 290N/mm²

YETI ROCK IV creme

20 kg

924-0020

MODEL SAWS & MULTIFLEX SAW BLADES

A hand-guided model saw is indispensable even when electrical saws are available. Many situations require a hand-guided saw in order to avoid damage on the die margins.

- handy instrument due to its anatomic shape
- blades made of high quality steel
- flexible material - reduces danger of fracture
- very effective and reliable
- elastic quick-fit frame
- simple changing of blades
- 3 different sizes available 0,15, 0,18 and 0,25 mm
- blades length: 75 mm



Model saw including quick-fit frame

MULTIFLEX Saw blades

0,25 x 3 mm

12 pcs.

983-0000

MULTIFLEX Saw blades

0,25 x 3 mm

144 pcs.

972-0000

MULTIFLEX Saw blades

0,15 x 3 mm

12 pcs.

972-1000

MULTIFLEX Saw blades

0,18 x 3 mm

12 pcs.

974-0000

MULTIFLEX Saw blades

0,18 x 3 mm

12 pcs.

976-0000

MULTIFLEX Saw blades

0,18 x 3 mm

144 pcs.

976-1000



Boxing wax, red

Yeti Boxing wax is a flexible, thin and tear-resistant wax for production of individual models.

It surrounds the casting, can be easily adapted to its form and builds the edge for the model after the placing of gypsum.

- model can be prepared without a former
- time saving effect. No waiting period - direct pouring of blended gypsum
- suitable for production of upper and lower jaws, for opposing models as well as individual split-cast bases

Size: 300 x 40 x 1,5 mm

Boxing wax, red

400 g

603-0400



Periphery wax, red

for a perfect functional jaw margin

Periphery wax can be quickly placed on castings due to its flexibility and adherence. After warming it is perfect for easy model preparation.

- margin forming of functional jaws on models with individual impression cups
- gypsum boundary of prefabricated impression trays, thus easy separating from the model and less tension on standing dentition
- quicker model preparation, no colour-marking of jaw margin and no cutting down of gypsum

Length: 300 mm, Ø 5,00 mm

Periphery wax, red

360 g

602-0360

SAKURA margin liner

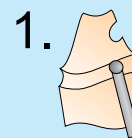
Pencil for margin lines.

- reliable outline on all sorts of gypsum
- refills are free from graphite and wax, ideal for:
 - perfect casting results
 - long-term fixing with YETI CLEAR SPACER
- blue colour builds a high contrast to red cervical wax

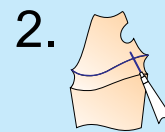


SAKURA margin liner	1 pc.	986-0000
Refills, blue colour free from graphite and wax	0,5 mm 12 pcs.	986-1000

PROCEDURE:



- Set free the margin line



**SAKURA
Margin Liner
986-0000**

SPACERS seal plaster and serve to simulate the space needed for fixing cement between the crown and the die. All your efforts are in vain if your preparation does not fit upon completion. Being aware of this, we offer a selection of SPACERS which fulfill even the highest demands. Smooth and homogeneous layering, scratch-resistant and even surfaces in different layer thicknesses.

CLEAR SPACER transparent 3 my

Apply onto the complete plaster die including the area below the margin line.

A layer of 3 my on dry plaster

- seals the die surface
- base for a chemical bonding with further spacers

CLEAR SPACER transparent

1 x 20 ml	501-0001
6 x 20 ml	501-0006

COLOR SPACER red 7 my

Apply onto the die, beginning 1 mm above the margin line. A layer of 7 my on CLEAR SPACER

- the colour changes from orange to red during the drying process
- best results for Inlay and Onlay Technique thanks to its fluency
- transparent - any marking on the die remains visible
- does not contain colour pigments - no shaking of the bottles necessary before use

COLOR SPACER red

1 x 20 ml	500-0001
6 x 20 ml	500-0006

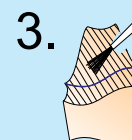
DIE SPACER yellow 7 my

Apply onto the die, beginning 1 mm above the margin line. A layer of 7 my on CLEAR SPACER

- covering yellow surface
- for crowns and bridges

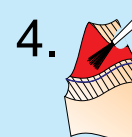
DIE SPACER yellow

1 x 20 ml	502-0001
6 x 20 ml	502-0006



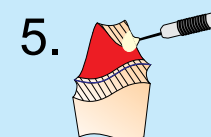
**CLEAR SPACER
3 my**

- Fixing of the margin line, sealing of the die, base for further spacers



**COLOR SPACER
red 7 my**

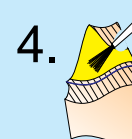
- Apply beginning 1 mm above the margin line.



**CUTEX block out wax
723-0000
(see Block out materials)**

- Blocking-out of undercuts

OR



**DIE SPACER
yellow 7 my**

- Apply beginning 1 mm above the margin line



DIE SPACER blue 10 my

Apply onto the die, beginning 1 mm above the margin line layer of 10 my on CLEAR SPACER
 - dries very quickly
 - covering blue surface

DIE SPACER blue
 1 x 20 ml 505-0001
 6 x 20 ml 505-0006



DIE SPACER dentin 10 my

Apply onto the die, beginning 1 mm above the margin line. A layer of 10 my on CLEAR SPACER.
 - Colour matches with current plaster colours
 - no colour irritations with full ceramic crowns (the colour shines through)

DIE SPACER dentin
 1 x 20 ml 506-0001
 6 x 20 ml 506-0006



DIE SPACER gold 13 my

Apply onto the die, beginning 1 mm above the margin line. A layer of 13 my on CLEAR SPACER.
 - also usable as additional second layer on DIE SPACER yellow or silver
 - covering golden surface

DIE SPACER gold
 1 x 20 ml 504-0001
 6 x 20 ml 504-0006



DIE SPACER silver 13 my

Apply onto the die, beginning 1 mm above the margin line. A layer of 13 my on CLEAR SPACER.
 - also usable as additional second layer on DIE SPACER yellow or gold
 - covering silver surface

DIE SPACER silver
 1 x 20 ml 503-0001
 6 x 20 ml 503-0006



THINNER (not for light curing liquids and STEAM OFF)

Universal thinner for all our spacers. The evaporation of components within the spacer, caused by unclosed or badly closed bottles, sometimes cannot completely be avoided. Using thinner the original consistency is re-established.

THINNER
 1 x 20 ml 510-0001
 6 x 20 ml 510-0006

PROCEDURE:



DIE SPACER blue 10 my
 - Apply beginning 1 mm above the margin line

OR



DIE SPACER dentin 10 my
 - Apply beginning 1 mm above the margin line

OR



DIE SPACER gold 13 my
 - Apply beginning 1 mm above the margin line



Or as second layer as mentioned above

OR



DIE SPACER silver 13 my
 - Apply beginning 1 mm above the margin line



Or as second layer as mentioned above

**LIGHT CURING
DIE SPACERS**



LIGHT SPACER

Advantages of the light curing die spacer LIGHT SPACER:

- homogeneous curing
- creates a very hard, scratch-resistant and durable surface
- extremely smooth surface - no problem when lifting the coping
- excellent adhesion on plaster base
- unlimited application time cures only when put into the light curing unit

Curing in any available standard unit
(We recommend PRECI NT SHUTTLE p. 38)

Curing time: approx. 2 - 5 min

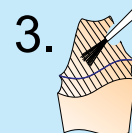
Delivery: in black UVA protection bottles of 10 ml

Die LIGHT SPACER can only be used with each other!
Not to be mixed with other Spacers!

LIGHT SPACER transparent	3 my	1 x 10 ml	520-1000
LIGHT SPACER red	10 my	1 x 10 ml	520-2000
LIGHT SPACER blue	10 my	1 x 10 ml	520-3000

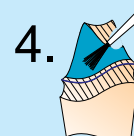
PROCEDURES

1.+ 2. (see page 6)



**LIGHT SPACER
transparent 3 my**

- Fixing of the margin line, sealing of the die, base for further Light Spacers
- Curing



OR

**LIGHT SPACER
red 10 my**

- Apply beginning 1 mm above the margin line
- Curing

**LIGHT SPACER
blue 10 my**

- Apply beginning 1 mm above the margin line
- Curing



DIE HARDENER 0 my

Completely absorbed by gypsum. Does not build up any dispersion layers.

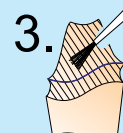
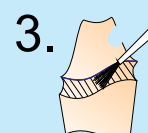
- cure, seal and smooth the gypsum surface
- protects the plaster
- best results for the production of wax-copings
- stain and water repellent

Recommended also for inlays and partial bridges within the margin line area. For the remaining areas spacers have to be used.

Not suitable as base because of insufficient bonding between spacer and hardener. Spacers can be affected by the solvents of the hardener.

DIE HARDENER			
1 x 20 ml	Bottle with brush		540-0001
6 x 20 ml	Bottle with brush		540-0006
1 x 250 ml	Refill bottle		540-0250

1.+ 2. (see page 6)



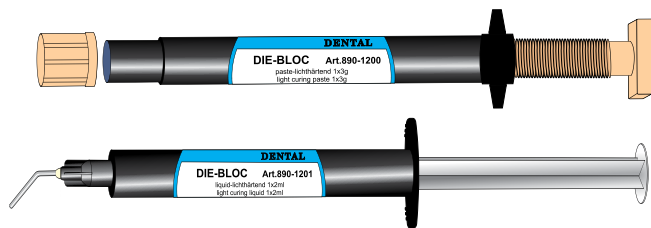
OR

**DIE HARDENER
0 my**

- for curing the plaster surface
- only to be used below the margin line, if afterwards spacer (above the margin line) is used

**DIE HARDENER
0 my**

- curing of the plaster surface
- complete die, if no spacer is further used



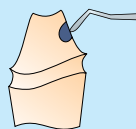
DIE BLOC light curing block out material

- suitable to be used with all SPACERS - does not build up any dispersion layers
- well-directed and precise application due to its fluid and paste consistency
- thermostability when dipping or while creating of laminated mouth guards
- available in ready-to-use syringe

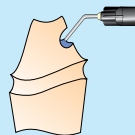
Curing time: approx. 4 - 5 min depending on the material thickness and the power of the light curing unit

DIE BLOC paste	1 x 3 g	890-1200
DIE BLOC liquid	1 x 2 ml	890-1201

Apply the DIE BLOC before the DIE SPACER



DIE-BLOC paste



DIE-BLOC liquid



CUTEX BOND block out wax

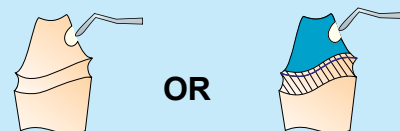
not suitable for casting technique - does not burn without residue

- to block out dies and bite guard splints
- Spacers hold on wax
- very hard consistency
- melting point of 94°C
- "Compact-Cylindre"



CUTEX BOND	45 g	723-1000
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CUTEX BOND can be applied before or after the DIE SPACER



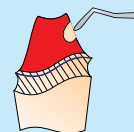
CUTEX block out wax

not suitable for casting technique - does not burn without residue

- to block out undercuts or to smooth rough surfaces of dies
- extremely hard wax
- adapts easily to the contours of the die while smoothing
- high melting point - does not coalesce with YETI dipping wax, underlining wax or cervical wax.



CUTEX can be applied after die SPACER only



Application: **after Die Spacer only.**

Wax can be easily removed after finishing the dental technician work. Clean working results on unvaried dies can be delivered to the dentist.

CUTEX block out wax	20 g	723-0000
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PREPARATION SET

The Preparation Set is a very helpful accessory for a systematic die preparation. Spacers and isolating liquid harmonize and are clearly arranged for use. The separating process could not be easier: just insert the die into the middle of the sponge and turn it by 90°, that's it! A perfect, thin coating in a few seconds.

The constant supply of the sponge with YETI LUBE is reliably ensured by the special micro fibre wick which always provides the perfect amount of separating liquid without wasting material. Clean, economic and evenly thin isolating layers.

The Preparation Set consists of:

- 1 acrylic base with 4 slots for the spacers with 4 rubber pads at the bottom to avoid sliding
 - 1 tank including sponge and micro fibre wick
 - 1 bottle CLEAR SPACER 20 ml
 - 1 bottle DIE SPACER 20 ml
 - 1 bottle YETI-LUBE 20 ml
- The fourth slot is to place any liquid of your choice.

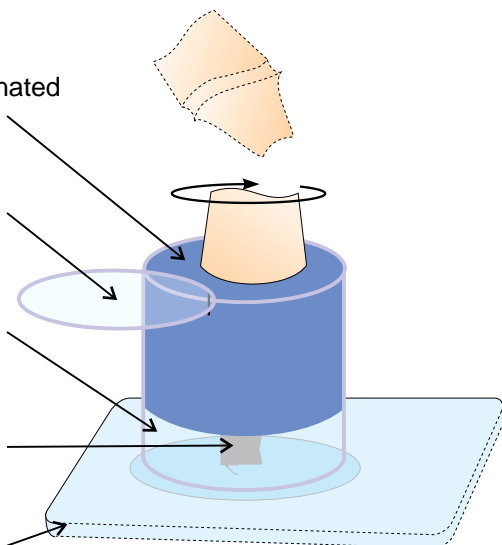
Special sponge impregnated with Lube

Transparent lid for protection from dust

Tank for separating liquid

Micro fibre wick for even supply of YETI LUBE

Acrylic base
- 4 rubber pads
- 4 slots for the spacers



Preparation Set: Separating device with Spacer and separating liquid, each 20 ml, CLEAR SPACER, DIE SPACER yellow and YETI LUBE

555-0000

Preparation Set without liquids

555-1000

Sponge with a wick

555-2000

YETI LUBE



YETI LUBE matches perfectly with all YETI waxes and spacers. It does not contain any alcohol and solvents, it is water soluble and does not react with the investment material. Even small quantities prove the great separating effect.

YETI LUBE isolates wax against plaster, metal and wax. The separating effect remains for more than 24 hours. Do not use with STEAM OFF Spacer!

YETI LUBE

- 1 x 20 ml Bottle with brush 550-0001
- 6 x 20 ml Bottle with brush 550-0006
- 1 x 250 ml Refill bottle 550-0250

ISO QUICK

A handy separating pen filled with YETI LUBE

- thin and exact application without wasting material
- easy to refill
- can be used in the whole laboratory
- economical and user friendly

- 2 different tips:
- 1 x broad and flat & 1 x pointed and fine

- 1 Separating pen 550-0000
- 1 x 250 ml Refill bottle 550-0250



STEAM OFF Spacer

- 5 dentin colours + bleach for all standard shades A1 - D4
- natural dentin colours - for natural staining
- easy fitting - Spacer can be steamed off to balance out the expansion of pressed ceramic
- water-resistant - coping can be cleaned easily
- homogeneous covering surface already after first layer
- a layer of 15 my on plaster, no discoloration

Use only with ISO STEAM isolation!

vanilla	sahara	gold	sand	terra	snow
A 2	A 3	A 3,5 B 3 B 4 D 4	A 1 B 1 B 2 C 1 D 2	C 2 C 3 A 4 C 4 D 3	Bleach

Coloured spacer shines through the material and can distort the teeth colour.

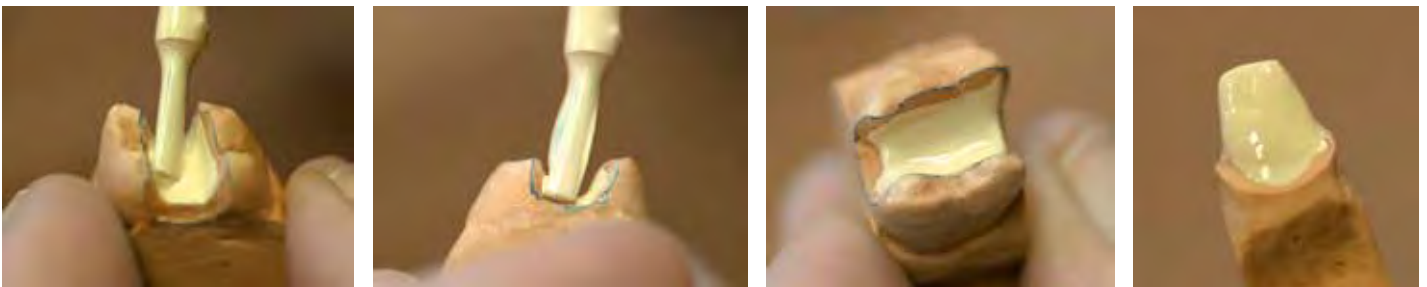
With STEAM OFF you can choose a right color for natural results in ceramics



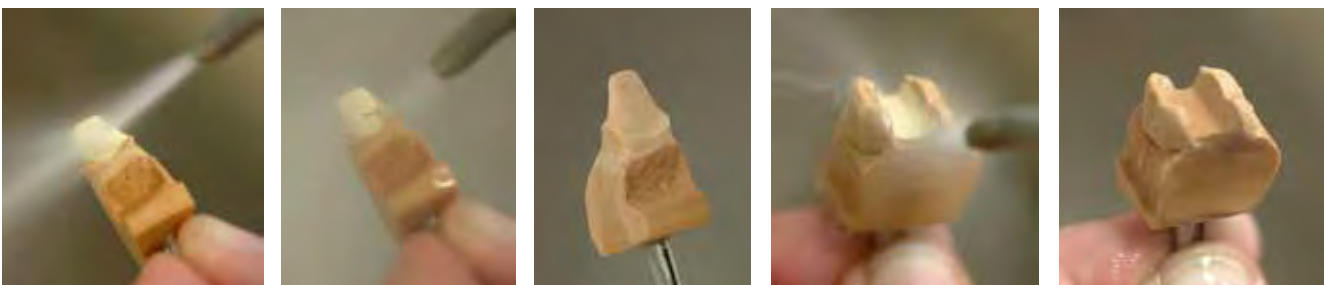
STEAM OFF

Vanilla (A2)	1 x 20 ml	591-0001
	6 x 20 ml	591-0006
Sahara (A3)	1 x 20 ml	592-0001
	6 x 20 ml	592-0006
Gold (A3,5 , B3, B4, D4)	1 x 20 ml	593-0001
	6 x 20 ml	593-0006
Sand (A1, B1, B2, C1, D2)	1 x 20 ml	594-0001
	6 x 20 ml	594-0006
Terra (C2, C3, A4, C4, D3)	1 x 20 ml	595-0001
	6 x 20 ml	595-0006
Snow (bleach)	1 x 20 ml	596-0001
	6 x 20 ml	596-0006
Starter Set (all colours)	6 x 20 ml	590-0006
ISO STEAM – Isolation	1 x 20 ml	589-0001
	6 x 20 ml	589-0006

Apply STEAM OFF Spacer :



remove applied material with a steamer:



Dipping waxes were created to be used in electric dipping pots. Even being melted during the whole day, they keep the same quality. The only requirement is a high quality dipping pot like the units of our DIPPY line. Impulse heating enables fast heating up and precise temperature adjustment within a range of ± 0.5 °C. Just dip the isolated die into the molten dipping wax and you obtain a perfect coping. The thickness achieved depends on the temperature chosen.

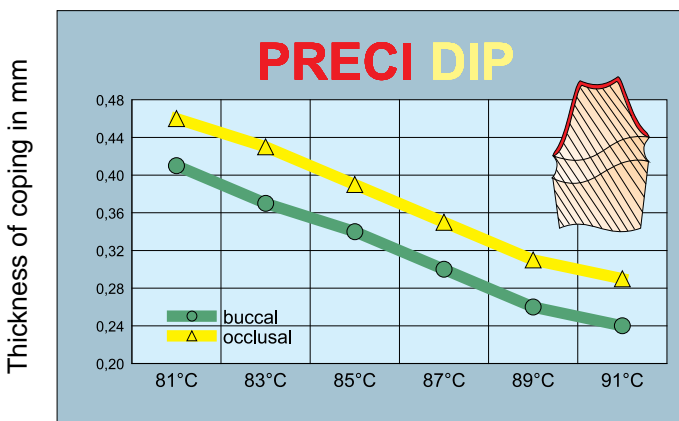
We offer 4 different types of dipping wax which can be mixed together according to your preference.



PRECI DIP Dipping Wax

- very precise results
- smooth surfaces
- creation of even wax-copings
- no drops or fragile edges
- wax surplus around the margin line can be cut off easily
- easy measuring
- ashfree - burns without residue

PRECI DIP			
Dipping Wax	yellow	150 g	740-1150
Dipping Wax	red	150 g	740-2150



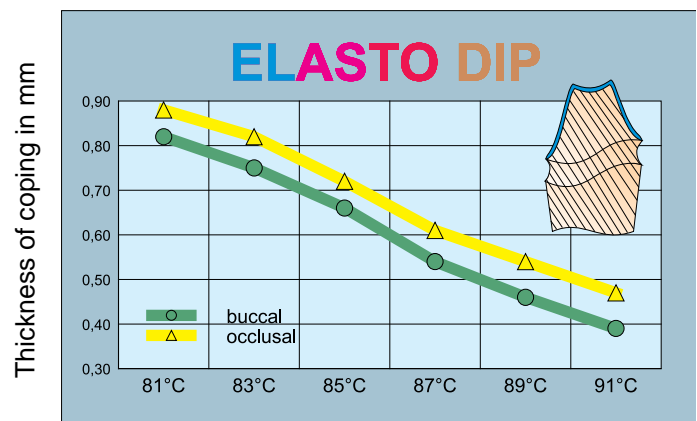
Wax temperature



ELASTO DIP Dipping Wax

- almost unbreakable wax copings
- natural resin added for more elasticity and stability
- especially suitable for secondary parts in telescope and conus technique
- easy to dose, mixable with the harder Preci Dip Dipping wax
- ashfree - burns without residue

ELASTO DIP			
Dipping Wax	blue	150 g	750-0150
Dipping Wax	pink	150 g	750-2150
Dipping Wax	red	150 g	750-3150
Dipping Wax	brown	150 g	750-4150



Wax temperature

TIPS FOR THE USE OF YETI DIPPING WAXES:

PROBLEM

Coping results too thick and uneven

Wax drops left on coping

Grooves left on the inside of the crown

Problems when lifting the coping

SOLUTION

- use an electric dipping pot with collar heating

- choose a higher temperature

- dip the wax into the molten wax rapidly and pull out slowly over the edge

- warm the die before dipping

- block out undercuts (see page 9)

- in the begining thin separating with YETI LUBE

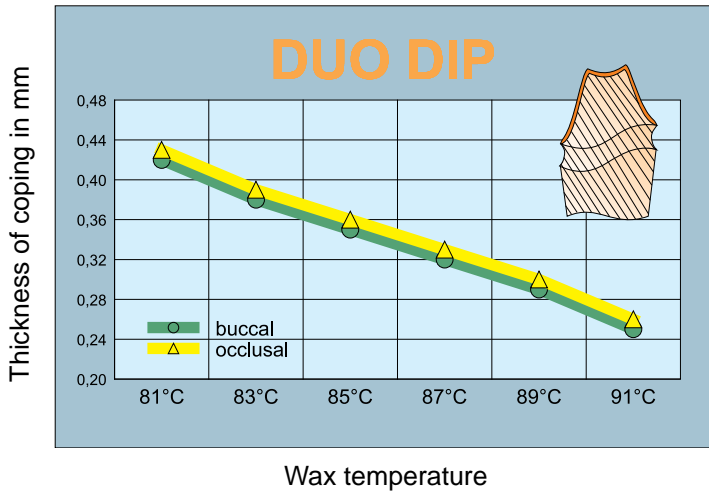
- use latex gloves or similar material when removing the coping

DUO DIP Dipping Wax

DUO DIP is a ready for use wax mixture for everyday work. Smooth and rounded form of grains allows fluent melting of wax granulate. Dipping pot can be filled quickly, clean and fast with exact wax quantity.



DUO DIP dipping wax orange (ashfree)
Weight: 80 g wax
741-0000



MASTER DIP

MASTER DIP offers a new dimension in strength and stability. Rapid cooling allows for quick build-up of a stable and accurate coping. As dimensionally stable as a resin, Master Dip provides for a highly accurate casting. A granulate wax available in natural transparent and orange. With an elastic memory, this wax is hard without being brittle.

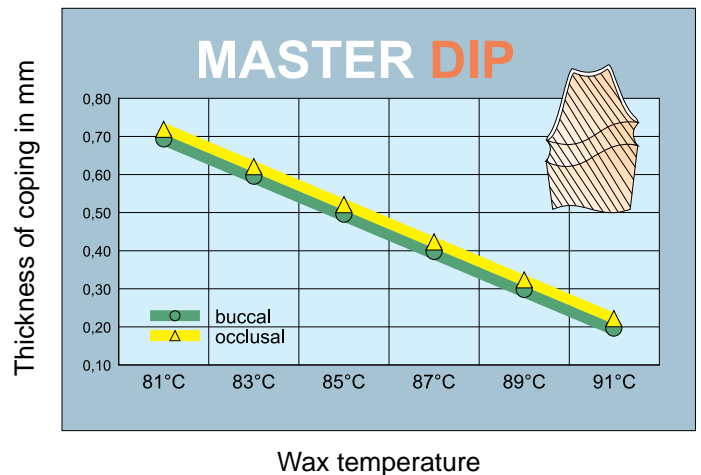
Weight: 100 g



MASTER DIP
MASTER DIP

transparent
orange

741-0100
741-0110



CREATION SET

Waxes in 12 different colours to learn the labour-intensive layering technique while creating a dental crown in ceramic. The colour selection of this set allows to create a natural looking saturation in wax for both, dentist and patient. The elevated melting point qualifies these waxes for diagnostic use, the modelling can be done in the patient's mouth to check shape and colour.



- 10 = enamel
- 11 = grey transparent
- 12 = white transparent
- 13 = blue transparent
- 14 = yellow
- 15 = orange
- 16 = dentin
- 17 = light dentin
- 18 = cervical colour
- 19 = brown
- 20 = red hued dark-brown
- 21 = red hued light brown



Additional (*not inside the set*) colours:

- 22 = transparent
- 23 = silver
- 24 = gold
- 25 = black

760-0000	CREATION SET in 12 colours:	8 g of each colour	colour 10 to 21
760-1000	Refill I :	8 g of each colour	colour 10 to 15
760-2000	Refill II :	8 g of each colour	colour 16 bis 21
760-3000	Refill III:	8 g of each colour	colour 2x 10 and additional colours 22 to 25
760-00 + colour number (10 - 25) - each colour as six-pack (6x8g)			



IQ Diagnostic wax, dentin

not useable as casting wax!

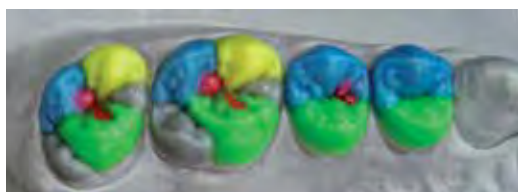
- for diagnostic works
- easy to scrape
- elevated melting point
- colour corresponds to tooth enamel

IQ Diagnostic wax dentin
 Colour: dentin, opaque
 Weight: 45 g
 761-5000

IQ Sculpturing Waxes for Natural Wax-Up Technique (NAT)

by Dieter Schulz

The concept of the NAT is an internationally recognized working concept for the restoration of occlusal surfaces. Several universities in Germany teach and use this world-wide unique and scientifically closed concept. It is also popular in Italy, Japan, Korea, Switzerland and other countries.



The natural, mechanical motion coordinates refer to the „Occlusal Compass“ and are reflected in the waxing-up concept. Each functional direction corresponds to a wax colour in order to recognise immediately the influence of the single segments on the masticatory movements.

The development of this unique working concept of functional morphology was possible due to close long-term cooperation of Mr. Dieter Schulz with dentists and dental technicians.

Weight: 8 gr. of each colour

IQ opaque Sculpturing wax: blue, grey, neon-yellow, neon-green

Underlining wax: caramel, Cervical wax: black

IQ opaque Sculpturing wax for NAT 102-0001M

IQ ash-free Sculpturing wax: blue, grey, neon-yellow, neon-green

Underlining wax: caramel, Cervical wax: black

IQ ash-free Sculpturing wax for NAT 102-0000M



NAWAX COMPACT Sculpturing Wax by Dieter Schulz

A professional and special abrasive wax for the natural and functional construction of the teeth.

Special characteristics:

- highest stability even with the sculpturing of the finest structures in the construction of the morphology
- fast and efficient working
- excellent abrasion characteristics for the construction of the functional morphology
- due to an increased hardness grade:
 - no additional work needed after modelling
 - no additional polishing needed after casting
- very smooth surfaces
- the friendly colour helps relaxing the eyes while working
- excellent modelling characteristics

An optimum usage in the casting technique



NAWAX COMPACT		
sand	45 g	717-5101
light-grey	45 g	718-5101
apricot	45 g	719-5101

IQ SCULPTURING and SPECIAL WAXES

IQ COMPACT Sculpturing and Special waxes in cylindre



IQ Sculpturing and Special waxes in tins

IQ Sculpturing wax by D.Schulz und N.Langner

This IQ sculpturing wax was created in cooperation with well known dental technicians. We are glad to be able to offer you one more high quality sculpturing wax suitable for any application.

- high inner stability - very hard, but not fragile
- excellent solidification point: ash-free 62°C, opaque 63°C, the ideal wax for summer
- unique rigidity makes the creation of tooth form easier
- very good sculpturing features - exact reproduction of occlusal surfaces
- easy to carve
- tight fitting and low contraction thanks to the adding of micro waxes

Availability: - 45 g in tins or as IQ compact cylinder
- ASH-FREE or OPAQUE

Wax Type / Colour	IQ ASH-FREE Tin	IQ OPAQUE Tin	IQ COMPACT ASH-FREE Cylindre	IQ COMPACT OPAQUE Cylindre
Sculpturing wax blue	709-5000	709-5001	709-5100	709-5101
Sculpturing wax beige	710-5000	710-5001	710-5100	710-5101
Sculpturing wax neon-green	713-5000	713-5001	713-5100	713-5101
Sculpturing wax grey	714-5000	714-5001	714-5100	714-5101
Sculpturing wax neon-yellow			715-5100	715-5101
Sculpturing wax white			716-5100	716-5101

IQ SPECIAL WAXES: Underlining wax caramel and Cervical wax black**IQ CERVICAL WAX, black**

- extremely hard - enables sharp carving of crown edges
- clear separation from margin line due to high ink density

**IQ UNDERLINING WAX, caramel**

- very smooth - inaccuracies are evened out
- slightly sticky wax, tension free
- buffer between the sculpturing wax and the die

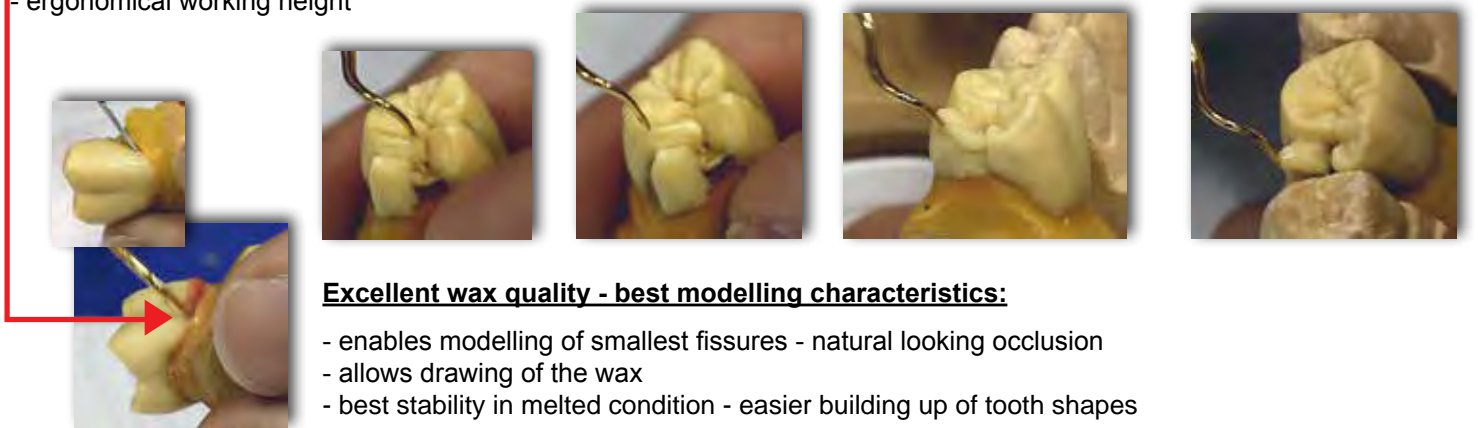


Wax type / colour	IQ ASH-FREE Tin	IQ COMPACT ASH-FREE Cylindre
Cervical wax black	720-5000	720-5100
Underlining wax caramel	722-5000	722-5100





The modern modelling and cervical wax



The wax is :

- hard but not brittle - high internal strength
- good to scrape - clean filing
- tight fitting with few contractions



WAX GIANT - single line - , 75 g

- Cervical wax red (ash-free) 731-5000
- Modelling wax sand (opaque) 732-5001
- Modelling wax grey (opaque) 734-5001
- Modelling wax blue (ash-free) 736-5000

WAX GIANT - double line - (with integrated cervical wax inlay), 75g

- Modelling wax sand (opaque) 733-5001
- Modelling wax grey (opaque) 735-5001
- Modelling wax blue (ash-free) 737-5000

THOWAX Sculpturing wax

THOWAX is a sculpturing wax suitable for the crown, bridge and inlay technique. It is a compound of natural waxes free from any synthetic materials. Thanks to its great sculpturing features THOWAX has gained an excellent reputation worldwide.



- excellent sculpturing characteristics due to ingredients with extremely short molecules
- allows a drawing of the wax and the sculpturing of even smallest details
- quick cooling down facilitates rapid working
- excellent sculpturing characteristics without filling up the fissures
- opaque even when molten in order to have a better control during waxing-up
- high molecular density - easily carvable, leaves smooth surfaces
- matches perfectly with our special and dipping waxes
- free from synthetic materials
- available in 70 g tins, some colours also as wax chip (see p.20)

THOWAX Sculpturing wax	beige with brown	opaque	70g	700-0000
THOWAX Sculpturing wax	red	lightly opaque	70g	708-0000
THOWAX Sculpturing wax	blue	lightly opaque	70g	709-0000
THOWAX Sculpturing wax	beige	opaque	70g	710-0000
THOWAX Sculpturing wax	brown	lightly opaque	70g	711-0000
THOWAX Sculpturing wax	violet	lightly opaque	70g	712-0000
THOWAX Sculpturing wax	green	lightly opaque	70g	713-0000
THOWAX Sculpturing wax	grey	opaque	70g	714-0000

THOWAX Special Waxes

Specialized waxes were developed to match perfectly in different application fields. They guarantee excellent quality in special working cases as well.

All waxes are available in 70 g tins, some colours also as wax chip (see p. 20).



CERVICAL WAX, red

- tension free, smooth-flowing wax for precise margins
- adapts perfectly to the margin line

CERVICAL WAX, red

720-0000



UNDERLINING WAX, bordeaux

As first layer of waxing-ups for inlays, crowns, secondary parts and for sculpturing within the cervical area.

- high density enables the carving of sharp crown edges
- stable in form and exact fitting
- opaque for a better contrast to the die

UNDERLINING WAX, bordeaux

722-0000



MILLING WAX, grey opaque or green transparent

- can be milled at a speed of 5000 rpm
- clean filing
- smooth surfaces
- good sculpturing features despite its hardness
- any unevenness of milled area is clearly visible

MILLING WAX, grey opaque

727-0000

MILLING WAX, green transparent

725-0000



STICKY WAX, beige

not suitable for the casting, does not burn without residue

- helpful for any repair of broken dentures or to solder metal parts
- very hard when cooled down and therefore immediately indicates any undesired slipping of the parts to be connected

STICKY WAX, beige

724-0000



STICK-ON-WAX, neon-pink

To place casting channels, sprues and pontics

- perfect sticking, easy correction of position
- stays smooth and sticky
- burns without residue

STICK-ON-WAX, neon-pink

726-0000

VKS Waxes for all-ceramic systems (for example for K2 press)

VKS waxes for all-ceramic systems are of THOWAX quality. They are filtered several times and are free from any opaque particles, which could possibly react with the investment material or casted objects. The excellent sculpturing features remain unchanged.

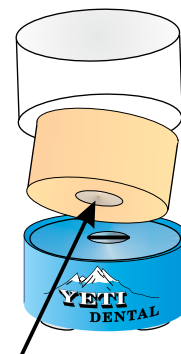


- VKS Sculpturing Wax beige-transparent 70g 710-2000
- VKS Sculpturing Wax grey-transparent 70g 714-2000
- VKS Sculpturing Wax bordeaux 70g 722-2000

MONOLITH THOWAX CHIP

THOWAX sculpturing wax is also available in another smart form. The MONOLITH THOWAX CHIP was created for those who prefer a different form to the popular 70 g tins. The MONOLITH metal base is re-usable. THOWAX sculpturing and special waxes are available in packages of 3 x 20 g. Besides the approved THOWAX quality this system has several other advantages.

- magnet is used for adhesion of the wax chips on the solid safe-standing metal base
- rubber pads at the bottom of the base avoid slipping
- fast and easy changing of the chips
- 20 g chips - faster consumption avoids contamination
- comfortable and ergonomic taking-up of the wax
- wax can be completely consumed, no inaccessible wax at in the edges of tins
- dust and dirt protected by a transparent cap



Magnet in the wax chip provides good adhesion to the metal base

Available: 3 x 20 g chips of one colour

Sculpturing wax chip	beige	710-1000
Sculpturing wax chip	grey	714-1000
Sculpturing wax chip	red	720-1000
Underlining wax chip	bordeaux	722-1000
Milling wax chip	green	725-1000
MONOLITH Metal base with transparent cap without wax chip		701-1000



SAMPLE SET - Liquids for die preparation and THOWAX

A selection to introduce you to our products. Included are sculpturing and special waxes, spacer, separating liquid and high spot indicator. Detailed instructions are included and guarantee a correct, systematic and successful application of our products.



SAMPLE SET

100-0000M

Content: THOWAX Sculpturing wax grey, THOWAX Sculpturing wax beige, THOWAX Underlining wax bordeaux, THOWAX Cervical wax red, CLEAR SPACER transparent, YETI LUBE Separating liquid, BLUE MARKER High spot indicator

Product's Description	Item No.	Colour	transparent/ opaque	suitable for VKS	Solidification point	Page
NAWAX COMPACT Sculpturing wax	717-5101	sand	opaque		63 °C = 145,4 °F	15
NAWAX COMPACT Sculpturing wax	718-5101	light-grey	opaque		63 °C = 145,4 °F	15
NAWAX COMPACT Sculpturing wax	719-5101	apricot	opaque		63 °C = 145,4 °F	15
IQ ASH-FREE Sculpturing wax	709-5000	blue	transparent	X	62 °C = 143,6 °F	16
IQ ASH-FREE Sculpturing wax	710-5000	beige	transparent	X	62 °C = 143,6 °F	16
IQ ASH-FREE Sculpturing wax	713-5000	neon-green	transparent	X	62 °C = 143,6 °F	16
IQ ASH-FREE Sculpturing wax	714-5000	grey	transparent	X	62 °C = 143,6 °F	16
IQ OPAQUE Sculpturing wax	709-5001	blue	opaque		63 °C = 145,4 °F	16
IQ OPAQUE Sculpturing wax	710-5001	beige	opaque		63 °C = 145,4 °F	16
IQ OPAQUE Sculpturing wax	713-5001	neon-green	opaque		63 °C = 145,4 °F	16
IQ OPAQUE Sculpturing wax	714-5001	grey	opaque		63 °C = 145,4 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	709-5100	blue	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	710-5100	beige	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	713-5100	neon-green	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	714-5100	grey	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	715-5100	neon-yellow	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT ASH-FREE Sculpturing wax	716-5100	white	transparent	X	62 °C = 143,6 °F	16
IQ COMPACT OPAQUE Sculpturing wax	709-5101	blue	opaque		63 °C = 145,4 °F	16
IQ COMPACT OPAQUE Sculpturing wax	710-5101	beige	opaque		63 °C = 145,4 °F	16
IQ COMPACT OPAQUE Sculpturing wax	713-5101	neon-green	opaque		63 °C = 145,4 °F	16
IQ COMPACT OPAQUE Sculpturing wax	714-5101	grey	opaque		63 °C = 145,4 °F	16
IQ COMPACT OPAQUE Sculpturing wax	715-5101	neon-yellow	opaque		63 °C = 145,4 °F	16
IQ COMPACT OPAQUE Sculpturing wax	716-5101	white	opaque		63 °C = 145,4 °F	16
WAX GIANT Modelling wax single line	732-5001	sand	opaque		63 °C = 145,4 °F	17
WAX GIANT Modelling wax single line	734-5001	grey	opaque		63 °C = 145,4 °F	17
WAX GIANT Modelling wax single line	736-5000	blue	transparent	X	62 °C = 143,6 °F	17
WAX GIANT Modelling wax double line	733-5001	sand	opaque		63 °C = 145,4 °F	17
WAX GIANT Modelling wax double line	735-5001	grey	opaque		63 °C = 145,4 °F	17
WAX GIANT Modelling wax double line	737-5000	blue	transparent	X	62 °C = 143,6 °F	17
THOWAX Sculpturing wax	700-0000	beige / brown	opaque		64 °C = 147,2 °F	18
THOWAX Sculpturing wax	708-0000	red	lightly opaque		63 °C = 145,4 °F	18
THOWAX Sculpturing wax	709-0000	blue	lightly opaque		63 °C = 145,4 °F	18
THOWAX Sculpturing wax	710-0000	beige	opaque		64 °C = 147,2 °F	18
THOWAX Sculpturing wax	711-0000	brown	lightly opaque		63 °C = 145,4 °F	18
THOWAX Sculpturing wax	712-0000	violett	lightly opaque		63 °C = 145,4 °F	18
THOWAX Sculpturing wax	713-0000	green	lightly opaque		63 °C = 145,4 °F	18
THOWAX Sculpturing wax	714-0000	grey	opaque		64 °C = 147,2 °F	18
VKS Sculpturing wax	710-2000	beige	transparent	X	62 °C = 143,6 °F	20
VKS Sculpturing wax	714-2000	grey	transparent	X	62 °C = 143,6 °F	20
Sculpturing wax chip	710-1000	beige	opaque		64 °C = 147,2 °F	20
Sculpturing wax chip	714-1000	grey	opaque		64 °C = 147,2 °F	20
CONSEQUENT Universal wax	728-0010	green	opaque		60 °C = 140,0 °F	28
CONSEQUENT Universal wax	728-0020	red	opaque		60 °C = 140,0 °F	28
CONSEQUENT Universal wax	728-0030	blue	opaque		60 °C = 140,0 °F	28
IQ ASH-FREE Cervical wax	720-5000	black	transparent	X	60 °C = 140,0 °F	16
IQ COMPACT ASH-FREE Cervical wax	720-5100	black	transparent	X	60 °C = 140,0 °F	16
WAX GIANT Cervical wax single line	731-5000	red	transparent	X	63 °C = 145,4 °F	17
THOWAX Cervical wax	720-0000	red	transparent	X	65 °C = 149,0 °F	19
Cervical wax chip	720-1000	red	transparent	X	65 °C = 149,0 °F	20
IQ ASH-FREE Underlining wax	722-5000	caramel	transparent	X	58 °C = 136,4 °F	16
IQ COMPACT ASH-FREE Underlining wax	722-5100	caramel	transparent	X	58 °C = 136,4 °F	16
THOWAX Underlining wax	722-0000	bordeaux	opaque		59 °C = 138,2 °F	19
Underlining wax chip	722-1000	bordeaux	opaque		59 °C = 138,2 °F	20
VKS Underlining wax	722-2000	bordeaux	transparent	X	58 °C = 136,4 °F	20
THOWAX Milling wax	725-0000	green	transparent	X	60 °C = 140,0 °F	19
THOWAX Milling wax	727-0000	grey	opaque		61 °C = 141,8 °F	19
Milling wax chip	725-1000	green	transparent	X	60 °C = 140,0 °F	20
THOWAX STICK-ON-WACHS	726-0000	neon-pink	ash free	X	68 °C = 154,4 °F	19

Sculpturing waxes

Special waxes

**OCCLUSAL POWDER**

Occlusal powder is a fine white powder which consists of wax only.

- easy to apply with a brush
- indicates frictions or undesired contact spots when using the articulator
- serves as a separating powder when applying hot wax
- burns without residue - washing not necessary

Occlusal powder white 17 g 730-0000

WAX BRUSH

Wax brush to smooth and to even out wax surfaces gently after carving, without changing the characteristics of the tooth.

The effect is perfect on YETI modelling waxes

Wax brush 1 pc. 985-0000

Wax debubbilizer see p. 30 (reduce surface tension on wax ...)

**FINALE Wax Smoothing Liquid**

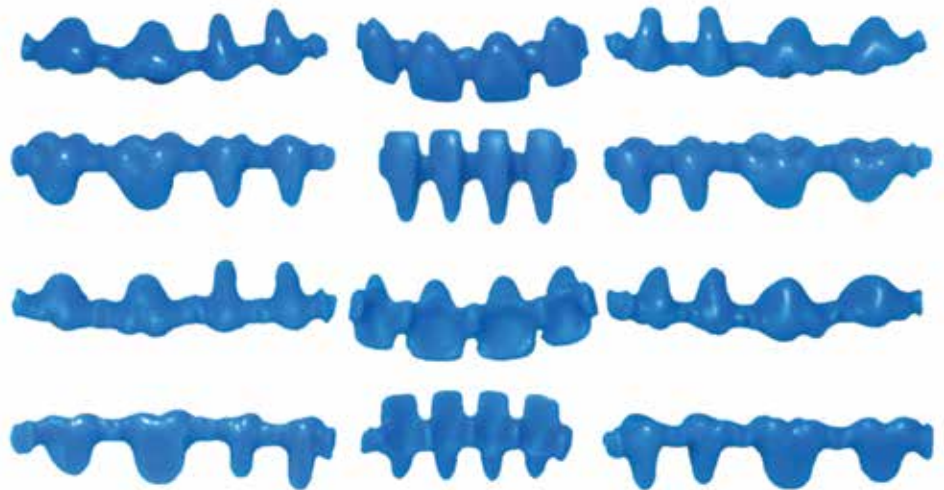
- smoother surfaces of wax modellations, scratches and uneven surfaces disappear
- slim layer - approx. 2-3 my
- good adaption to the wax surface
- short drying time - depending on the layer thickness 1 - 3 minutes
- better casting results - smooth and homogeneous surfaces
- shorter finishing time

Fields of application:

- Smoothing of wax surfaces - occlusal areas, wax modellations within the denture technique
- reinforcement of contact points
- casting technique
- smoothing of wax profiles and contact points
- sealing of finest fissures between plaster and wax profiles - avoids the flowing in of investment material

FINALE Wax smoothing liquid 1 x 20 ml 507-0001
 FINALE Wax smoothing liquid 6 x 20 ml 507-0006





enlarged picture

PONTICS blue

The form of our pontics is based on proportional size reduction of natural teeth. The offered size will fit in 90% of all cases. This will reduce the number of different packets in stock. If the pontic does not fit, it can be easily brought to the desired size by waxing it up or cutting it down.

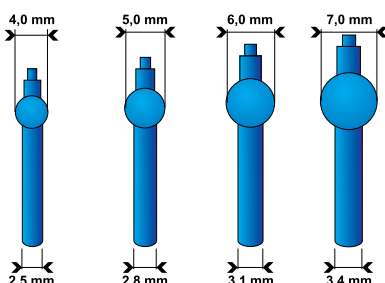
- blocks of 4 pontics
- anatomic form of the pontics
- easy separating according to esthetic demands
- 100% wax, burns without residue
- occlusal depth, for a natural result
- colour: blue

ASSORTMENT PONTICS

10 each of the following articles	1 introduction set		6 x 10 pcs.	777-0000
25 each of the following articles	1 set		6 x 25 pcs.	770-0000
Pontics upper	single package	right	25 pcs.	771-0000
Pontics upper	single package	left	25 pcs.	772-0000
Pontics upper	single package	anterior	25 pcs.	773-0000
Pontics lower	single package	right	25 pcs.	774-0000
Pontics lower	single package	left	25 pcs.	775-0000
Pontics lower	single package	anterior	25 pcs.	776-0000

SPRUES

Fluid metal experiences a contraction upon solidification. The resulting partial vacuum can be compensated by drawing molten metal from the "reservoir". This was the idea when the sprues were created.



Sprues blue, ball-diameter 4 mm,	250 pcs.	754-0250
Sprues blue, ball-diameter 5 mm,	250 pcs.	755-0250
Sprues blue, ball-diameter 6 mm,	250 pcs.	756-0250
Sprues blue, ball-diameter 7 mm,	250 pcs.	757-0250

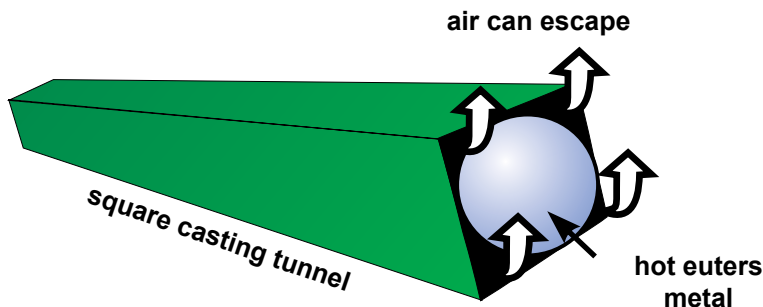
IQ Preformed patterns are helpful accessories in the dental laboratory, they save time and improve the quality of your casting.

IQ QUADRO STICKS

Why should a wax stick be square?

After burn-out the wax stick leaves a square, hollow channel. Molten metal has round cross-section due to its high surface tension and simulates a rolling ball in motion.

Displaced air escapes back through the unfilled corners when the molten metal enters the square channels, eliminating blow-back. The resulting castings are visibly smoother and imperfection free.



IQ QUADRO STICK light green, hard, 50 g

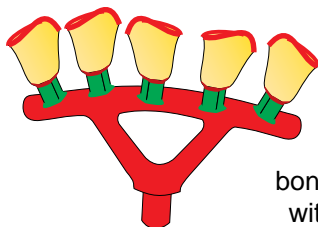
IQ QUADRO STICK	diagonal \varnothing 2,5 mm	765-5000
IQ QUADRO STICK	diagonal \varnothing 3,0 mm	766-5000
IQ QUADRO STICK	diagonal \varnothing 3,5 mm	767-5000



IQ STICKS round

More security when lifting your wax pattern.
Stable connections for the whole casting channel system.

IQ STICKS red, round, hard, 250 g	\varnothing 2,5 mm	768-2500
IQ STICKS red, round, hard, 250 g	\varnothing 3,0 mm	768-3000
IQ STICKS red, round, hard, 250 g	\varnothing 3,5 mm	768-3500
IQ STICKS red, round, hard, 250 g	\varnothing 4,0 mm	768-4000
IQ STICKS red, round, hard, 250 g	\varnothing 5,0 mm	768-5000



Casting object bonded to the IQ TRIANGEL with IQ QUADRO STICKS



IQ TRIANGEL red casting bar, extra hard

- off-centered position of the casting bar due to the angle of inclination of the feeding channels
- the bent casting bar was adapted to the form of the muffle (equal cooling of casting objects)
- saves time
- hardness: extra hard and stable
- burns without residue, pure wax, free from synthetic materials

IQ TRIANGEL	red	extra hard	50 pcs.	\varnothing 4,0 mm	758-5000
IQ TRIANGEL	red	extra hard	50 pcs.	\varnothing 5,0 mm	759-5000



DURON Wax wire green, hard

We developed DURON in response to the wish of many dental technicians who were looking for a harder and more economic wax wire. It narrows while tearing off, is tension free and will meet your demands due to its excellent characteristics.

DURON Wax wire green	Ø 2,0 mm,	250 g	746-1020
DURON Wax wire green	Ø 2,5 mm,	250 g	746-1025
DURON Wax wire green	Ø 3,0 mm,	250 g	746-1030
DURON Wax wire green	Ø 3,5 mm,	250 g	746-1035
DURON Wax wire green	Ø 4,0 mm,	250 g	746-1040
DURON Wax wire green	Ø 5,0 mm,	250 g	746-1050



DETON Wax wire blue, medium

Undesired tensions occur already during the production of the wax wire. We are pleased to be able to offer you a wax wire which is **tension free** due to a special extrusion method and micro-molecular wax used for production. A wax wire of medium hardness with a great internal stability which burns without residue is the result.

DETON Wax wire blue	Ø 2,5 mm,	250 g	741-2500
DETON Wax wire blue	Ø 3,0 mm,	250 g	742-3000
DETON Wax wire blue	Ø 3,5 mm,	250 g	743-3500
DETON Wax wire blue	Ø 4,0 mm,	250 g	744-4000
DETON Wax wire blue	Ø 5,0 mm,	250 g	745-5000



CONSEQUENT Wax wire emerald green, soft

- free of undesired tensions
- high inner stability
- good working properties also at low temperatures
- no splitt-off
- the diameter of the wire narrows while tearing off
- adheres to the wax model
- burns without residue

CONSEQUENT Wax wire	Ø 2,0 mm	250g	747-1020
CONSEQUENT Wax wire	Ø 2,5 mm	250g	747-1025
CONSEQUENT Wax wire	Ø 3,0 mm	250g	747-1030
CONSEQUENT Wax wire	Ø 3,5 mm	250g	747-1035
CONSEQUENT Wax wire	Ø 4,0 mm	250g	747-1040
CONSEQUENT Wax wire	Ø 5,0 mm	250g	747-1050

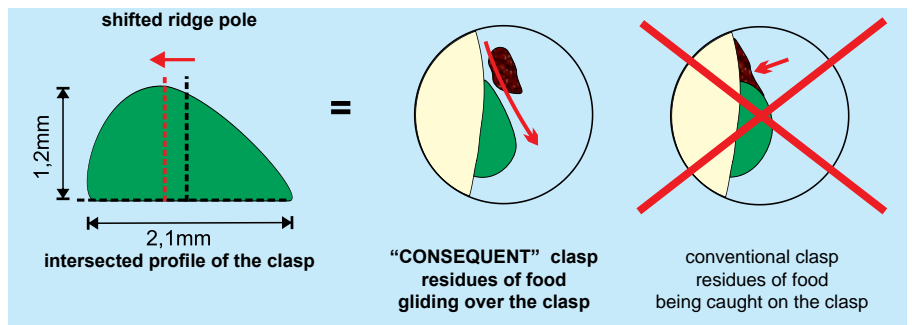


Series for casting technique

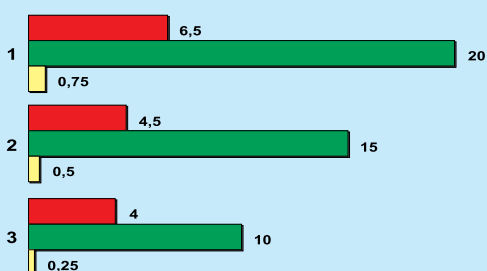
In cooperation with the dental technician Klaus Dittmar, instructor for many courses in the field of casting technique, we were able to amplify and develop our program by introducing the CONSEQUENT wax series. The ambition of this technique is to simplify working procedures in the dental laboratory and to give the patient a more natural partial denture which provides an improved mouth hygiene. Keeping this in mind, we called this wax series "CONSEQUENT".

CONSEQUENT multifunctional clasp

With the CONSEQUENT product line we are presenting a completely new quality of wax. This material can be easily processed even at low temperatures, it is free of tension and offers contemporaneously a high inner solidness. The clasp form enables the combination of anatomically demanding perfection with unvaried high stability. This reduces the time of refinishing processes and provides a remarkable saving of working time. The multifunctional clasp form enables its utilization for both, molars and premolars.



CONSEQUENT clasp profile



	1	2	3
Extraction strenght (Newton)	6,5	4,5	4,0
Length of the clasp / mm	20	15	10
Undercut of the clasp / mm	0,75	0,5	0,25

CONSEQUENT multifunctional clasp

- the shifted ridge enables food residues to glide easily
- fine and filigree clasp form
- perfect anatomically shaped clasp
- high stability
- elongated clasp arms for molars of larger dimensions
- definitive saving of working time

Available: 10 sheets = 200 clasps
 Colour: emerald green

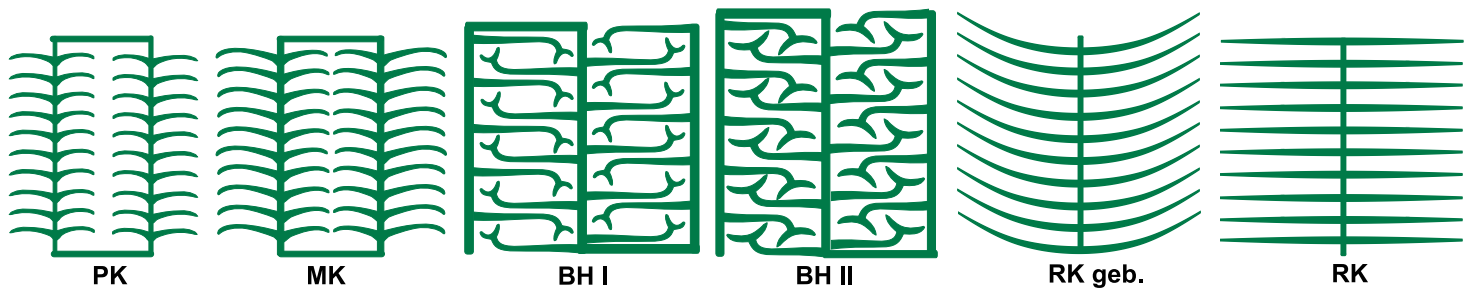
CONSEQUENT multifunctional clasp

109-0000

WAX CLASPS PROFILES / WAX TEMPLATES

- tension-free
- stable and self-adhesive
- package contents: 10 sheets = 200 pcs.
- colour: green

PK	-	Premolar clasps	110-0000
MK	-	Molar clasps	111-0000
BH I	-	Bonyhard clasps small	112-0000
BH II	-	Bonyhard clasps large	113-0000
RK geb.-		Ring clasps bent	114-0000
RK	-	Ring clasps straight	115-0000



CONSEQUENT Universal wax

CONSEQUENT universal wax is mainly used within the casting technique but also suitable for the waxing-up. By using various colours good contrasts can be achieved in order to avoid too thin wax transitions.



- very good connecting wax
- melting point: 60°C
- softer wax quality
- cooling down slower

CONSEQUENT universal wax	green	70 g	728-0010
CONSEQUENT universal wax	red	70 g	728-0020
CONSEQUENT universal wax	blue	70 g	728-0030

CONSEQUENT Block out wax



- does not remove from metal
- good visibility even when only a thin coat is applied
- good carving (with or without thermo-stick)
- does not react with monomer liquids and standard silicone
- colour: orange - is not absorbed by the plaster
- package size: 45 g tins

CONSEQUENT block out wax	139-0000
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CONSEQUENT Wax profiles emerald green

- **stability under pressure** ⇒ high inner stability, while adapting the profile, the diameter is not changing
- **tension-free** ⇒ profiles keep the desired position and do not bend up
- **easy to adapt** ⇒ easy to put on the model
- ⇒ good working properties also at low temperatures

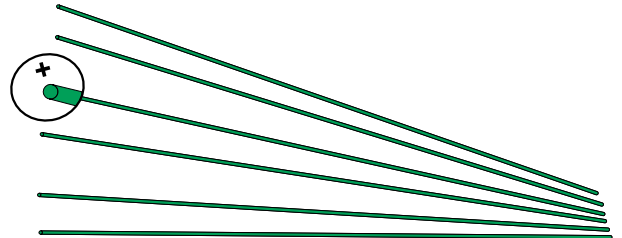
CONSEQUENT lower jaw bars

- CONSEQUENT wax quality
- when bending no folds and fissures
- tension-free, easy to adapt
- excellently suitable for titanium
- not necessary to reinforce
- ideal for tension-free connections
- length: 150 mm
- colour: emerald green
- hardness: medium



CONSEQUENT lower jaw bars

4,0 x 1,7 mm	65 g	192-1700
4,0 x 2,0 mm	65 g	192-2000
4,4 x 2,3 mm	65 g	192-2300



CONSEQUENT profiles in bars round

- in CONSEQUENT wax quality
- available also in 0,60 mm diameter
- length: 150 mm
- colour: emerald green
- hardness: medium

CONSEQUENT lower jaw bars round

Ø 0,60 mm	12 g	152-0600
Ø 0,80 mm	25 g	152-0800
Ø 1,00 mm	38 g	152-1000
Ø 1,20 mm	50 g	152-1200
Ø 1,50 mm	50 g	152-1500



WAX PROFILES IN BARS

- smooth surface
- tension-free
- hardness: hard
- colour: blue
- length: approx. 150 mm



wax wire round

Ø 0,60 mm	12 g	151-0600
Ø 0,80 mm	25 g	151-0800
Ø 1,00 mm	38 g	151-1000
Ø 1,20 mm	50 g	151-1200
Ø 1,50 mm	50 g	151-1500



finishing lines

2,0 x 1,0 mm	25 g	171-1000
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upper jaw bar

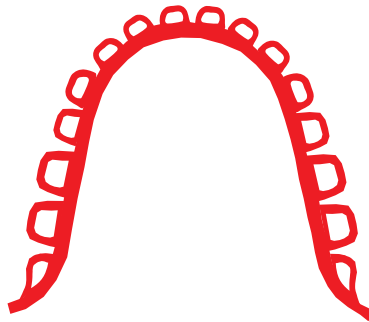
5,0 x 1,3 mm	65 g	181-1300
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lower jaw bar

4,0 x 1,7 mm	65 g	191-1700
4,0 x 2,0 mm	65 g	191-2000

Wax retentions with border slat, red



- easy to adapt
- saving of time
- easy to process with rotary instruments
- available in two sizes
- 15 pcs.

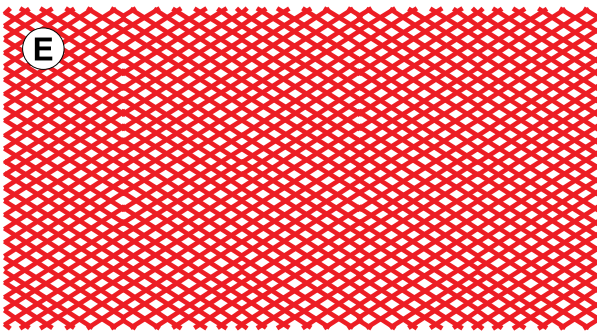
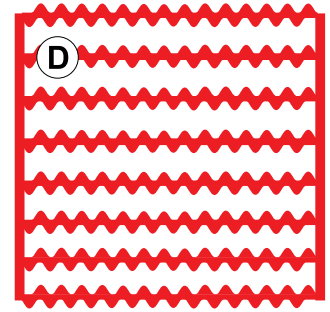
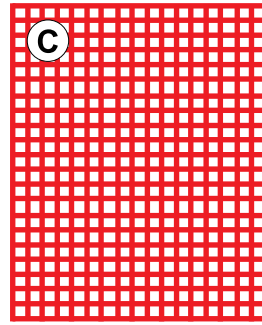
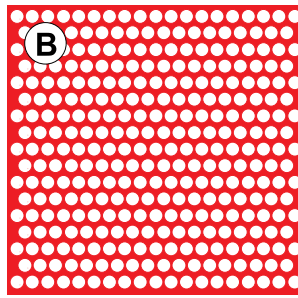
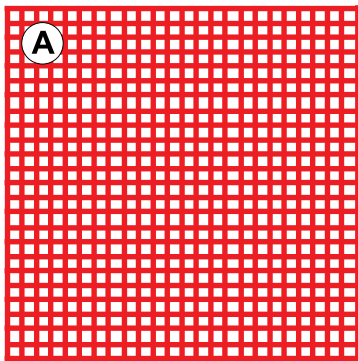
Base plate retentions with border slat
 Base plate retentions small 116-0000
 Base plate retentions large 117-0000



Perforated retentions with border slat
 7 x 127 mm 25 pcs. 126-1000



Grid retentions with border slat
 10 x 122 mm 25 pcs. 125-1000



WAX RETENTIONS / MESHES red

- big assortment for individual applications
- tension-free
- easy to adapt



A	Wax meshes	10 x 10 cm	10 sheets	120-0000
B	Grid meshes	7,1 x 7,0 cm	20 sheets	121-0000
C	Wax meshes	7,5 x 6,5 cm	20 sheets	122-0000
D	Bar retentions		10 sheets	123-0000
E	Wax grid diagonal	7,5 x 15 cm	10 sheets	125-0000
F	Oval retentions		25 pcs.	127-0000
G	Perforated retentions		25 pcs.	126-0000

PLASTIC RETENTIONS

- burn without residue
- different shapes - depending on available space
- made of plastic
- colour: white
- 500 pcs. per box



PLASTIC RETENTIONS	Y	145-1000
PLASTIC RETENTIONS	•••••	145-2000

UNIVERSAL GLUE

For fixing of retention pearls, preformed parts and plate waxes.

- burn without residue
- colour: transparent



UNIVERSAL GLUE	20 ml	508-0001
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WAX RETENTION PEARLS blue

- good adhesion to the base
- burn without residue
- no swelling of the pearls

Ø 0,4mm	15 g	716-5010
Ø 0,2mm	15 g	717-5010



FINALE Wax smoothing liquid see p. 22 (for sealing of wax surfaces ...)

WAX DEBUBBLIZER

- reduces tension on all wax and silicone surfaces
- the investment material adapts precisely to the wax work

Spray:

- easy to spray on
- homogeneous
- colour: blue transparent



WAX DEBUBBLIZER	100 ml / Spray	142-0000
WAX DEBUBBLIZER	1000 ml / Refill	142-1000



CASTING FUNNEL

- made of plastic
- colour: white
- content: 50 pcs.

CASTING FUNNEL	141-0000
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Casting wax green

- very malleable, transparent
- large sheet size: 17,5 x 8 cm
- content: 15 sheets

Casting wax green	0,30 mm	130-3000
Casting wax green	0,35 mm	130-3500
Casting wax green	0,40 mm	130-4000
Casting wax green	0,50 mm	130-5000
Casting wax green	0,60 mm	130-6000
Casting wax green	0,70 mm	130-7000



Preparation wax pink

- Preparation wax pink now also in 0,30 mm
- for the sublingual area, when no large distance is desired
- well-proven large sheet size: 17,5 x 8 cm
- content: 15 sheets
- pink transparent

Preparation wax pink	0,50 mm	135-5000
Preparation wax pink	0,60 mm	135-6000
Preparation wax pink	0,70 mm	135-7000



Structured Casting wax

- easy to adapt
- tension-free
- adheres well to the model
- easily polishable textures
- sheet size: 17,5 x 8 cm

content: 15 sheets
colour: green transparent



Sheets grained

0,40 mm	133-4000
0,50 mm	133-5000
0,60 mm	133-6000

Sheets fine stippled

0,35 mm	131-3500
0,40 mm	131-4000
0,45 mm	131-4500
0,50 mm	131-5000
0,60 mm	131-6000

Sheets coarse stippled

0,35 mm	132-3500
0,40 mm	132-4000
0,45 mm	132-4500
0,50 mm	132-5000
0,60 mm	132-6000



PRECISIL duplicating silicone blue

Additional curing silicone for casting technique and combination cases

- high dimensional stability
- No formation of bubbles
- Easy to apply
- precise reproduction of models
- complete curing, even where in contact with waxes
- excellent flowability, soft and elastic consistency

Dosage: 1:1

Delivery: 1 kg Type A + 1 kg Type B

PRECISIL duplicating silicone 880-0000



PRECIGEL duplicating gel green

based on Agar Agar

for gypsum, phosphate bonded investment and self curing acrylic (cold) dental materials

- environmentally friendly, based on high quality natural algae
- economical, clean gel can be reheated and reused

Usage:

- heat Precigel at 93,5 °C
- working temperature: 46 - 50 °C
- remove the model after total hardening



PRECIGEL
Delivery: 6 kg

944-6000

YETIDUR

Bio-dipping hardener

Cold dipping hardener for the surfaces of the investment models.

- biological decomposition

Usage:

- dry the investment model for 25 - 30 min. at 180°C
- dip the warm model for 5 sec. in YETIDUR
- drain the model well and leave it to cool
- if needed put it into the oven to dry

YETIDUR

1000 ml

943-1000





ARTLINE set, 3 instruments
in wooden case 850-0000

ARTLINE Instruments

Modelling instruments are daily tools for dental technicians. Being aware of this importance our ARTLINE, ARTLINE plus and ARTLINE NAT instruments were created according to the latest knowledge of ergonomics, they are temperature isolated and non-slippery. The tips are made of high-quality steel, are hand-sharpened and polished.

All ARTLINE instruments are “ **MADE IN GERMANY** ”.

ARTLINE

Carving sharp	(Artl.) ARTLINE	red	850-1000	
				Carving round
Modelling tip medium	(Artl.) ARTLINE	silver	850-2000	
				Modelling tip large
Modelling tip extra fein	(Artl.) ARTLINE	gold	850-3000	
				Modelling tip fine

ARTLINE plus

Hollenback vertical	(AP) ARTLINE plus No.01	red	850-4001	
				Hollenback horizontal
Modelling tip thin	(AP) ARTLINE plus No.02	green	850-4002	
				Modelling tip thick
Universal moulder	(AP) ARTLINE plus No.03	yellow	850-4003	
				Spear shaped
Wax knife large	(AP) ARTLINE plus No.04	blue	850-4004	
				Wax scraper large

ARTLINE N-A-T by D.Schulz

Universal knife	(AN) ARTLINE N-A-T No.01	red	850-5001	
				Fissure former
Cervical waxer	(AN) ARTLINE N-A-T No.02	green	850-5002	
				Corkscrew fine
Moulding former	(AN) ARTLINE N-A-T No.03	yellow	850-5003	
				Spear shaped
Base former	(AN) ARTLINE N-A-T No.04	blue	850-5004	
				Corkscrew medium



pro Waxer

Unit with analogue technology reasonable in price.

- very efficient:
adjustable 50°C - 225°C /122°F - 437°F
- large display showing the set temperature
- the handpiece is:
extremely light, insensitive against temperature,
stays conveniently cool
- the connection cable to the handpiece is
highly flexible and absolutely insensitive against temperature

pro Waxer	230 V	412-0000
pro Waxer	115 V	412-0115
<i>Delivery: incl. handpiece, handpiece clamp and modelling tip PKT 2 (411-0200)</i>		

pro WAXER duo

Same as „pro Waxer“, with additional handpiece.

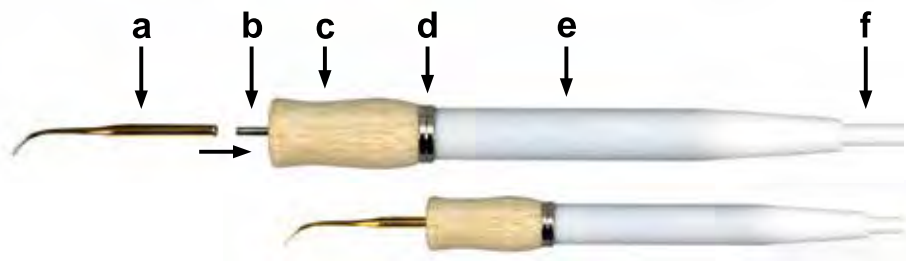
- every handpiece is separately adjustable
- no necessity of second unit

pro WAXER duo	230 V	414-0000
pro WAXER duo	115 V	414-0115
<i>Delivery incl.: 2 handpieces, 2 handpiece clamps and 2 modelling tips PKT 1 (411-0100) and PKT 2 (411-0200)</i>		

See modelling tip assortment on page 35

HANDPIECE

- the handpiece is extremely light and well insulated against heat, remaining cool even after prolonged use
- the handpiece has a highly flexible connection cable/lead



- a = modeling tip to be pinned
- b = heating pin
- c = ergonomically shaped wooden handle
- d = magnetic rings
- e = plastic holder
- f = cable/lead

HANDPIECE for all NT, Pro and Easy series Waxers with straight unipolar connector



411-1001

HANDPIECE for Pro Waxer with angled 5-pin connector



411-1000



HANDPIECE CLAMP

- for safe fixing of the hanpiece
- just stick and use

HANDPIECE CLAMP white	410-1002
HANDPIECE CLAMP black	410-1003

easy Waxer & easy Waxer duo

- short heating time
- wide temperature range up to 190°C/ 374°F
- easy handling due to temperature control
- unbeatable price-performance ratio
- energy-saving on/off switch

easy Waxer	230 V	413-0000
easy Waxer	115 V	413-0115
<i>Delivery: incl.: handpiece, handpiece clamp and modelling tip PKT 2</i>		
easy Waxer duo	230 V	415-0000
easy Waxer duo	115 V	415-0115
<i>Delivery incl.: 2 handpieces, 2 handpiece clamps and 2 modelling tips PKT 1 and PKT 2</i>		



duo Waxer NT

The first processor-controlled Waxer with a two-line LCD display offers unforeseen advantages which the technician only has known from the computer technology so far.



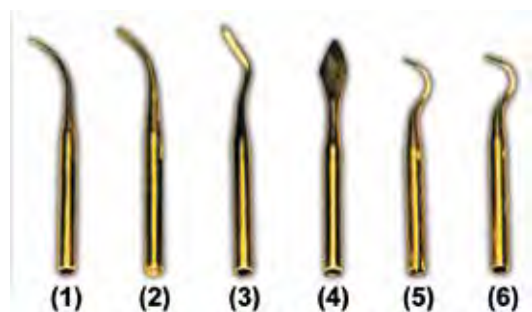
- precise and stepless control 50°C - 225°C / 122°F - 437°F
- display shows set temperature of both handpieces at the same time
- **two-line LCD display** with alpha numerical presentation of both working temperatures
- possibility of intergrating personal data through CPU Software
- **possibility of memorising 2 temperatures per handpiece apart from the actual temperature - these temperatures can be changed and retrieved at any time**
- **automatical memorization of the latest data adjustments - also after power failure**
- the handpiece: extremely light, insensitive against temperature, stays conveniently cool
- the connection cable to the handpiece is highly flexible and absolutely insensitive against temperature

- **temperature control via high-quality contact sensors** - no use of wear and tear intensive parts, such as potentiometers or foil displays
- ergonomical design - **reduced in weight and dimensions** - no need of an additional transformer

duo Waxer NT 230V	414-9000
duo Waxer NT 115V	414-9115
<i>Delivery incl. 2 handpieces, 2 handpiece clamps and modelling tips PKT 1 (411-0100) and PKT 2 (411-0200) optional, if other settings are requested:</i>	

Modelling tips for Waxer NT and pro

We offer an assortment of six different tips for all our Waxers series NT, pro and light. The tips can be individually modified by grinding. The tips can be quickly changed thanks to the simple pin system. Their interior diameter is 2 mm.



(1) PKT 1 thin	411-0100
(2) PKT 2 thick	411-0200
(3) Hollenback horizontal	411-0300
(4) Knife shape	411-0400
(5) Corkscrew thin	411-0500
(6) Corkscrew thick	411-0600

IQ Waxer NT light

IQ Waxer NT Light with its additional „Touch Control“ function is a successful further development of electric wax knives. You can work as usual in the “continuous“-function, which means that the temperature of the modelling tip stays constant. Furthermore, you have the possibility to use the extremely fast reacting “Touch Control” function. The modelling tip warms up and cools down in only few seconds. This is possible due to the micro-heating on the front point of the tip. The sensor contact can be controlled either with the contact at the handpiece or with the pedal (optional).



The handpiece is extremely light, has a diameter of only 11 mm, is insensitive against temperature and stays conveniently cool. The connection cable is also highly flexible and insensitive against temperature.

The distance from the touch sensitive ring to the modelling tip can be adapted individually by moving the ring.

IQ Waxer NT light	230 V	410-9000
IQ Waxer NT light	115 V	410-9115

Delivery incl.: handpiece, handpiece clamp and modelling tip PKT 2 (420-0200)

Pedal (additional to the sensor contact on handpiece)		409-9500
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MODELLING TIPS for IQ Waxer NT light

Thanks to micro heating elements and the operation of modern laser technology, the heating was placed at the point of the modelling tip. Therefore, the hottest point of maximal heat of the instrument lies at the point of the modelling tip, so that:

- the modelling tips heat up and cool down in fractions of a second
- there is no flow back of the wax drop

Besides, this new technology allows us to produce extraordinarily fine tips in new forms.



Assortment of modelling tips from the left to the right:

PKT 1 fine	Ø 1,0 mm	420-0100
PKT 2	Ø 1,2 mm	420-0200
Hollenback vertical		420-0300
Spear shaped		420-0400

Dippy NT light

- efficient device as alternative unit reasonable in price
- precise and stepless control 55-100 °C / 131-212 °F
- even temperature distribution thanks to direct heating system around the tank
- no need of an additional transformer taking a lot of space



Dippy NT light 230 V	402-9000
Dippy NT light 115 V	402-9115



Dippy easy

Small black Dipping Unit, of a superior quality, but economically priced.

Quick – you create accurate wax copings in seconds
Clean – easy to remove excess wax
Efficient – economic and time saving with minimal waste

- analogue technology
- temperature range 65°C - 105°C / 149°F - 221°F
- display accuracy $\pm 1,0$ °C



DIPPY easy 230 V
DIPPY easy 115 V

402-1000
402-1115

Dippy NT digital

The first processor-controlled dipping pot with a two-line LCD display world-wide.

With this unit you can read the set and the actual temperature at the same time.

- precise and stepless control 55°C - 105°C / 131°F - 221°F
- even temperature distribution thanks to direct heating system
- two-line LCD Display with alpha numeric indication, simultaneously indicating the set and current temperature
- temperature control via high-quality contact sensors
- no use of wear and tear intensive parts, such as potentiometers or foil displays
- automatical memorization of the latest data adjustments - also after power failure
- safety switch-off upon exceeding the highest admissible temperature
- no need of an additional transformator taking a lot of space
- ergonomical design - reduced in weight and size
- possibility of integrating personal data through CPU Software



Dippy NT digital 230 V
Dippy NT digital 115 V

405-9000
405-9115

Dippy pro digital

- convenient device as alternative with analogue technology
- stepless temperature control 65°C - 105°C / 149°F - 221°F
- temperature precision $\pm 0,10$ °C
- even temperature distribution thanks to direct heating around the tank
- the pot is integrated completely into the housing to guard against burns
- improved ventilation through ventilation slits
- electronic parts are treated with care - longer life of unit
- additional digital display showing the actual temperature in 3 numbers
- with measurement in °C or °F



Dippy pro digital 230 V
Dippy pro digital 115 V

405-1000
405-1115

PRECINT SHUTTLE II / IV UVA light curing unit (with 2 or 4 light tubes)

UVA light curing unit for the polymerisation of light curing material and synthetic material.

The models can be safely positioned on the bottom of the drawer and be pushed into the interior of the unit.

The interior is big enough to take up to 4 models.

In case of closed drawer protection against UV rays by an anti-glare.

- already preset polymerisation time
- optical and acoustic signal after the polymerisation process is finished
- upon request with 2 or 4 light tubes with an emitter zone of 350 nm
(PRECINT SHUTTLE II = 2 light tubes,
PRECINT SHUTTLE IV = 4 light tubes)
- by changing the light tubes with another UVA spectral range, the unit can also be used for composites and LC block out material
- One-Touch switching
- no energy consumption during stand-by operation

Polymerisation time: about 5 min

Power:

PRECINT SHUTTLE II	ca. 20 Watt
PRECINT SHUTTLE IV	ca. 35 Watt

Size:

opening size	55 mm x 135 mm
drawer internal size	130 mm x 155 mm



PRECINT SHUTTLE II	230 V	492-9000
PRECINT SHUTTLE II	115 V	492-9115
PRECINT SHUTTLE IV	230 V	494-9000
PRECINT SHUTTLE IV	115 V	494-9115
Light tube 9W BL 350		490-0001
Light tube for composite 9W BL 450		490-0010

PRECITRAY light curing material

- fits the upper and lower jaws
- easy to adapt to the model
- available in 3 different colours
- time-saving due to less reworking
- special filling materials were added to obtain an even layer without streaks
- sheet size: 70 x 100 mm
- thickness: 2,2 mm
- package contents: 50 pcs.



PRECITRAY	pink	890-1000
PRECITRAY	blue	890-1010
PRECITRAY	white	890-1020

Build Up Resin LC - modelling light cure resin for casting technique



- easy to separate from primary construction
- high stability
- contouring accuracy
- very good casting results
- burns without residue
- outstanding burn out qualities - no break down of muffles
- easy to cut

Build Up Resin LC

2 x 3 g syringe (including 4 tips)

890-1300



TEETH LIGHT II diagnostic lamp

Indispensable for laboratories and dental practices to illuminate inaccessible corners, attachments and inner surfaces of crowns.



A safe, diagnostic instrument for the dentist. This cordless instrument offers more comfort for intraoral use; dark areas within the mouth can be checked effectively and caries can be quickly detected. Integral light pins and handpiece are sterilizable after taking out the batteries.



TEETH LIGHT II handpiece + light pin straight
2 Light pins straight (replacement)

915-0000
915-1000



YETIVEST

phosphate-bound precision investment
for precious, metal-to-ceramic and
non precious alloys

- fine grained consistency
- very smooth surfaces
- exact fitting

Casting: traditional or high-speed



YETIVEST powder 4,0 kg (25 x 160 g)

YETIVEST liquid 1000 ml bottle

YETIVEST powder + liquid 4,0 kg (25 x 160 g) + 1000 ml

930-0160

931-1000

932-0000

For all works where high expansion is required we advice YETI EXPANSION and YETI EXPANSION plus investment!



DUOVEST

Phosphate-bound precision investment
for all dental alloys

- insensitive universal investment
- quality efficient alternative at a reasonable price

Casting: traditional or high-speed



DUOVEST powder 4,0 kg (25 x 160 g)

DUOVEST liquid 1000 ml bottle

DUOVEST powder 4,0 kg (25 x 160 g)

+ liquid + 1000 ml

950-0160

951-1000

952-0000



COBAVEST

phosphate-bound precision investment
for partial denture technique

- suitable for both, silicone and gel duplication
- exact fitting
- excellent duplicating details
- fine grain consistency
- excellent fluidity

Casting: traditional or high-speed



COBAVEST powder 20 kg (100 x 200 g)

COBAVEST liquid 1000 ml bottle

COBAVEST powder 20 kg (100 x 200 g)

+ liquid + 3000 ml

940-0200

941-1000

942-0000

YETI EXPANSION



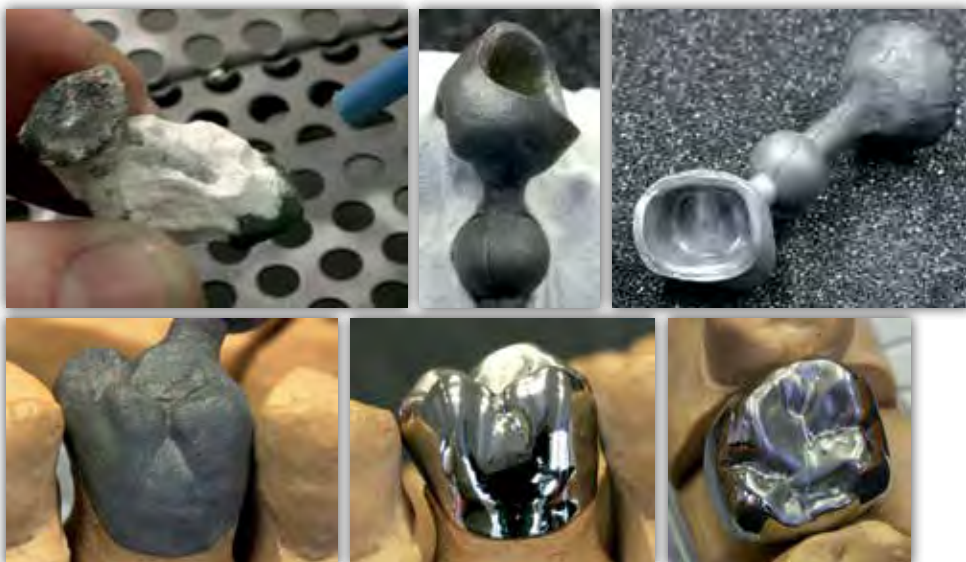
investment for precious and non precious alloys

- the expansion is regulated by the concentration of liquid and distilled water and delivers the desired results for both precious and non-precious alloys
- suitable for casting work, crowns and bridges technique, telescopic technique and implant technique
- high expansion values allow to make large non precious works
- exact control of expansion while making primary telescopic crowns
- cracking resistant, can be used also without muffle ring
- no necessity of high-expansion liquid
- excellent price-performance ratio



Casting: traditional or high-speed

YETI EXPANSION powder	4,5 kg (50 x 90 g)	955-0090
YETI EXPANSION liquid	1000 ml bottle	955-1000
YETI EXPANSION powder	4,5 kg (50 x 90 g)	
+ liquid	+ 1000 ml	955-0000



YETI EXPANSION plus



Universal investment for precious and non-precious alloys and for pressed ceramic

- expansion is regulated by the concentration of liquid and distilled water and delivering accurate results for precious, non-precious alloys and for pressed ceramic
- pressed ceramic restoration for inlays, veneers, press-to-metal and bonded techniques
- high expansion capability allows for large non-precious restorations to be cast accurately without the need for a separate high-expansion liquid
- economic but highly accurate
- easy to invest
- fine grain size and excellent flow characteristics result in extremely smooth casting surface
- 100g sachets



Casting: traditional or high-speed

YETI EXPANSION plus powder	5 kg (50 x 100g)	956-0100
YETI EXPANSION plus liquid	1000 ml bottle	956-1000
YETI EXPANSION plus powder	5 kg (50 x 100g)	956-0000
+ liquid	1000 ml bottle	



Silicone cylinder for 2g ingots, slightly conical, transparent

Conical cylinder form allows easy separation of investment.
No additional base shaping for fitting into muffle is necessary!

SILICONE CYLINDER small
Ø 37 mm, 100g.+ base complete
SILICONE CYLINDER medium
Ø 50mm, 200g.+ base complete

350-0701

350-0703



Silicone ring for 5g ingots, tube form

SILICONE RING large, 300g
Ø 50mm inner muffle base, Ø 60mm outer muffle base
base, ring and muffle base shaper

350-0706



Plunger

Investment stamp for single use.
Can be set into muffle without preheating.
Cools down quickly,
low possibility of fissuring.
Available in 2g and 5g ingots.

Plunger (one-way) small (2g)
Plunger (one-way) large (5g)

5 pcs.

9 pcs.

350-0205

350-0505



SOLIDUR CoCr
partial denture alloy


- cobalt-chrome partial denture alloy, can be scanned with laser
- easy to handle due to the thin oxide layer
- excellent polishing and shine characteristics, exact fitting
- excellent fluidity and duplicating detail
- physical characteristics which permits the shaping of delicate structures
- high biocompatibility - durable in the patient's mouth

Tip: best casting results in combination with COBAVEST investment

SOLIDUR CoCr	1000 g	960-1000
SOLIDUR CoCr	250 g	960-0250

Melting range	1360 -1410°C
Casting temperature	1470°C
Vickers hardness	420 HV
Elongation	6,5%,
Ultimate elongation	8%
E-Modul	ca. 230.000 MPa

Co	Cr	Mo	Mn	C	Fe	Si
63%	29,4%	5,95%	0,6%	0,29%	0,06%	0,7%

SOLIBOND C plus

*Non precious
metal-to-ceramic
Cobalt-Chrome alloy*



- nickel and beryllium free cobalt-chrome alloy
- very thin oxide layer, esthetic construction of the ceramic
- optimum metal-ceramic bonding
- good manipulation when fluid - security for casting results, fast polishing, shining surfaces as well as burning stability of the alloy
- exact fitting (time saving) - biocompatible - suitable to be scanned by laser
- improved flowing qualities
- improved casting results

Tip: best casting results in combination with the investments YETIVEST, DUOVEST, YETI EXPANSION and YETI EXPANSION plus

SOLIBOND C plus	1000 g	969-1000
SOLIBOND C plus	250 g	969-0250

Melting range	1.310 – 1.370°C
Casting temperature	1430°C
Vickers hardness	280 HV
Ultimate elongation	10,1 %
CTE (20 - 600°C)	14,0 (x10 ⁻⁶ K ⁻¹)
CTE (25 - 500°C)	13,9 (x10 ⁻⁶ K ⁻¹)

Co	Cr	Mo	W	Nb	Si
63%	24%	2,9%	8,1%	0,9%	1,1%

SOLIBOND N

*metal-to-ceramic
Nickel-Chrome alloy*



- beryllium free nickel-chrome alloy
- good manipulation when fluid, security is achieved by casting. Fast polishing, shining surfaces as well as burning stability of the alloy
- exact fitting and easy manipulation with a hardness of 180 HV
- very thin oxide layer, esthetic construction of the ceramic
- optimum metal-ceramic bonding
- durable, high corrosion resistance, can be scanned with laser

Tip: best casting results in combination with the investments YETIVEST, DUOVEST, YETI EXPANSION and YETI EXPANSION plus

SOLIBOND N	1000 g	963-1000
SOLIBOND N	250 g	963-0250

Melting range	1.250 – 1.330°C
Casting temperature	1390°C
Vickers hardness	180 HV
Ultimate elongation	25,0 %
CTE (20 - 600°C)	14,1 (x10 ⁻⁶ K ⁻¹)
CTE (25 - 500°C)	13,9 (x10 ⁻⁶ K ⁻¹)

Ni	Cr	Mo	Si	Fe
62,7%	24,5%	10,4%	1,4%	1,0%

LOT UNIVERSAL *universal lot for all non precious alloys*

- durable in the patient's mouth, good colour resistance, easy to handle



LOT UNIVERSAL	5 g	960-0000
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BLUE MARKER high spot indicator

For indication and elimination of high spots when fitting crowns, inlays, etc.

- leaves a thin and even layer on the plaster die
- dries quickly and is well covering
- points of contact on the crown's inner sides are exactly indicated
- adheres to metal, ceramics, plaster and synthetics
- can be easily washed off from sealed plaster surfaces (to be washed off before porcelain firing or investing)
- 100% water soluble

BLUE MARKER high spot indicator

1 x 20 ml	Blue Marker	580-0001
6 x 20 ml	Blue Marker	580-0006
1 x 20 ml	Thinner for Blue Marker	580-2001
6 x 20 ml	Thinner for Blue Marker	580-2006

OCCLUSAL SPRAY

For the recognition of high spots

- targeted spraying
- 2 different nozzles enable fine dosing
- does not blob
- 100% water soluble
- can be easily washed off from sealed plaster surfaces (to be washed off before porcelain firing or investing!)
- adheres to metal, ceramics, plaster and synthetics
- environmentally friendly: mixture of compressed gas, not harmful to the ozone layer

Content: 75 ml

OCCLUSAL SPRAY, green	580-2007
OCCLUSAL SPRAY, red	580-2008
OCCLUSAL SPRAY, blue	580-2009
OCCLUSAL SPRAY, white	580-2010

SATI BRUSH

A matt finish of the occlusal surface can indicate possible friction points after a while inside the mouth. As soon as they are visible, they can be removed easily.

SATI BRUSH is used after polishing at slow speed on the occlusal surface.

SATI BRUSH can also be used to remove oxide layers on metal surfaces.

SATI BRUSH polishing wheels	22 mm	50 pcs.	310-0000
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natural, multi-purpose and easy to use

K2 LF is a highly condensed **2-phase leucite ceramic**.

It can be fired at 770°C and is suitable for all alloys

having a coefficient of thermal expansion **CTE between 13,8 and 14,9/25°-500°C**.

This ceramic system uses the nuances and reflection of natural teeth. It offers a vital result even in cases where there is insufficient space.



K2 is the first ceramic system developed as a comprehensive solution, including the Layering ceramic, Press ceramic and the Press over Metal (PoM) systems. The economical K2 ceramic system is revolutionary, the user needs only one ceramic layer for metal - as well as for full ceramics.

K2 assortments are available in the A1-D4 colours and include Opal, Fluor, Chroma and Intensive masses.

A higher shade measurement can be obtained by mixing or adding the various colours before firing. The K2 ceramic's press ingots may be used when working with full ceramic, inlays, onlays and PoM. There is a probability of 100% correspondence with the selected colour, even in the case of personalisation, as a result of the diversity of opalescence and fluorescence.



Glaze paste for pressable ceramics

Only one glaze firing required
content: 5 g

Glaze paste

336-0010

Enamel colours classification for K2 LF and K2 LF press

Shade	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Dentine	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Enamel	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59



K2 press: Table of contents for pressable ceramic ingots

V, I, O	K	PoM	Qty.	Fluor	Opazität	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	Bleach D
X	XX	XX	4x2 g	XX	75 %	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BD
Art.-Nr. 350-08..						..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16	..17
X	XX	XX	4x2 g	XX	60 %	TA1	TA2	TA3			TB1	TB2	TB3		TC1	TC2			TD2			
Art.-Nr. 350-08..						..18	..19	..20			..21	..22	..23		..24	..25			..26			
X	XX	XX	3x5 g	XX	60 %	TA1	TA2	TA3			TB1	TB2	TB3		TC1	TC2			TD2			
Art.-Nr. 350-15..						..01	..02	..03			..04	..05	..06		..07	..08			..09			

XX	X	X	4x2 g	X	45 %	T1+	T2+	T3+	T4+
Art.-Nr. 350-08..						..27	..28	..29	..30
XX	X	XX	4x2 g	X	40 %	S57	S58	S59	S60
Art.-Nr. 350-08..						..35	..36	..37	..38
XX	X	X	4x2 g	X	35 %	T1	T2	T3	T4
Art.-Nr. 350-08..						..31	..32	..33	..34

V, I, O = Veneer, Inlay, Onlay
K = Crowns
PoM = Press over Metal

In case of any questions please contact our technical support
tel. 0049-7733-9410-20.

Table of contents K2 LF

Shade	Qty.	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	Bleach	Gingiva	
Powder opaque O		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BO	OG	
320-15..	15g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16	322-1500	320-1517	
320-50..	50g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16			
Paste opaque PO		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	POBO	POG	
321-03..	3g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16	322-0300	321-0317	
Shoulder		SH1	SH2	SH3	SH4	SH5	SH6	SH7	SH G											
324-15..	15g	..01	..02	..03	..04	..05	..06	..07	..20											
Dentine D		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	BD	G (15g)	
325-20..	20g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16	326-2000	338-1500	
325-50..	50g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16	326-5000		
Chroma		CH A	CH B	CH C	CH D															
327-15..	15g	..01	..02	..03	..04															
327-50..	50g	..01	..02	..03	..04															
Opaque dentin OD		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4			
323-15..	15g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16			
323-50..	50g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10	..11	..12	..13	..14	..15	..16			
Enamel		E 57	E 58	E 59	E 60															
328-20..	20g	..01	..02	..03	..04															
328-50..	50g	..01	..02	..03	..04															
Enamel opal		EO 57	EO 58	EO 59	EO 60															
330-20..	20g	..01	..02	..03	..04															
330-50..	50g	..01	..02	..03	..04															
Enamel intensive		EI T1 (transpa)	EI T2 (transpa)	EI O3 (opaque)	EI O4 (opaque)															
329-20..	20g	..01	..02	..03	..04															
329-50..	50g	..01	..02	..03	..04															
Transparent		TN (normal)	TO (opal)	T1	T2	T3														
Item No.	20g	332-2000	333-2000	334-2001	334-2002	334-2003														
Item No.	50g	332-5000	333-5000	334-5001	334-5002	334-5003														
Clear	20g / 50g	CL	20g = Art.-Nr. 335-2000	50g = Art.-Nr. 335-5000																
Glaze	10g	GL	10g = Art.-Nr. 336-1000																	
K2 fluor		PF 1	PF 2																	
331-15..	15g	..01	..02																	
Mamelon		MM 1	MM 2	MM 3																
339-15..	15g	..01	..02	..03																
K2 Bonder	5g	B	5g = Art.-Nr. 337-0500																	
Stain		ST-A	ST-B	ST-C	ST-D	ST-5	ST-6	ST-7	ST-8	ST-9	ST-10									
340-02..	2g	..01	..02	..03	..04	..05	..06	..07	..08	..09	..10									
K2 Liquid		Opaquier Liquid OL	Modellier Liquid ML	Schulter Liquid SHL	Glaser Fluid GF															
25ml		Art.-Nr. 341-0050	Art.-Nr. 342-0050	Art.-Nr. 343-0025	Art.-Nr. 344-0025															
50ml		Art.-Nr. 341-0250	Art.-Nr. 342-0250	Art.-Nr. 343-0050	Art.-Nr. 344-0050															
250ml																				

K2 LF Basis - Powder kit in cabinet

16 x 15 g Opaque powder (A1 - D4), 16 x 15 g Opaque dentin (A1 - D4), 16 x 20 g Dentin (A1 - D4),
4 x 20 g Enamel (E 57 - E 60), 4 x 20 g Enamel opal (EO 57 - EO 60), 1 x 20 g Clear, 1 x 20 g Transpa normal,
1 x 10g Glaze, 1 x 5 g Bonder, 1 x 50 ml Opaque liquid, 1 x 50 ml Modelling liquid, 1 x 25 ml Shoulder liquid, 1 x 25 ml Glaze fluid

320-0000

K2 LF Basis - Paste kit in cabinet

16 x 15 g Paste opaque (A1 - D4), 16 x 15 g Opaque dentin (A1 - D4), 16 x 20 g Dentin (A1 - D4),
4 x 20 g Enamel (E 57 - E 60), 4 x 20 g Enamel opal (EO 57 - EO 60), 1 x 20 g Clear, 1 x 20 g Transpa normal,
1 x 10g Glaze, 1 x 5 g Bonder, 1 x 50 ml Modelling liquid, 1 x 25 ml Shoulder liquid, 1 x 25 ml Glaze fluid

320-0000/2

K2 LF Confidential - A3 kit in paper box

1 x 15 g Opaque powder A3, 1 x 20 g Enamel E 59, 1 x 2 g Bonder, 1 x 20 g Dentin A3, 1 x 10 g Glaze,
1 x 20 g Transpa normal, 1 x 50 g Opaque liquid, 1 x 50 ml Modelling liquid, 1 x 25 ml Glaze fluid

320-0001

K2 LF Advanced - Powder kit in cabinet

1 x 15 g Bleach Opaque, 1 x 15 g Opaque gingiva powder, 7 x 15 g Shoulder powder (SH1 - SH7),
1 x 15 g Shoulder gingiva, 1 x 20 g Bleach dentin, 1 x 15 g Gingiva, 4 x 15 g Chroma dentin (CH A - CH D),
1 x 20 g Transpa opal, 3 x 20 g Transpa (T1 - T3), 3 x 15 g Mamelon (MM 1 - MM3), 4 x 20 g Enamel intensive (T1, T2, O3, O4),
2 x 15 g K2 fluor (PF 1, PF 2)

320-0002

K2 LF Stain - Kit in paper box

10 x 2 g Stain (A - D und 5 - 10), 1 x 10 g Glaze, 1 x 25 ml Glaze fluid

320-0003

K2 press EF - Kit in paper box

Press ingots 4 x 2 g each (A1 - A3, B1 - B3, C1, C2, D2, BD, TA1 - TA3, TB1 - TB3, TC1, TC2, TD2
T1+ - T3+, T4+, T1 - T4, S57 - S60), 10 x 2g Plunger (one-way)

320-0004



Dr. J. Heimann / Dieter Schulz

K2 zircon & K2 zircon press

K2 zircon is a highly densified synthetic porcelain, which is fired at 810°C. As the shade- and layering system are uniform for all K2 masses, it is very comprehensive and easy to work with. The zircon framework is well wettable. The natural esthetic of this porcelain will be reached through fluorescence Liner, which care for an optimum shade reproduction. K2 zircon has a high stability, which allows a faster and easier layering to the technicians. Due to excellent CTE-adjustments you always reach best results.

Press ingots are available in 2 or 5g, also in Transpa dentine and Dentine shades.

They are appropriate for press over zircon framework layering and make up technique.



Enamel colours classification for K2 zircon and K2 zircon press

Shade	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Liner	L-2	L-2	L-2	L-3	L-2	L-1	L-3	L-3	L-3	L-1	L-2	L-2	L-2	L-1	L-2	L-3
Dentine	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Enamel	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59

Table of contents for pressable ceramic ingots zircon

K	PoZ	Qty.	Fluor	Opazität	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	Bleach D
XX	XX	4x2 g	XX	75 %	A1	A2	A3			B1	B2	B3		C1	C2			D2			BD
		Art.-Nr. 390-08..			..01	..02	..03			..06	..07	..08		..10	..11			..14			..17
XX	XX	4x2 g	XX	60 %	TA1	TA2	TA3			TB1	TB2	TB3		TC1	TC2			TD2			
		Art.-Nr. 390-08..			..18	..19	..20			..21	..22	..23		..24	..25			..26			
XX	XX	3x5 g	XX	60 %	TA1	TA2	TA3			TB1	TB2	TB3		TC1	TC2			TD2			
		Art.-Nr. 390-15..			..01	..02	..03			..04	..05	..06		..07	..08			..09			

K = Crowns
PoZ = Press over Zircon

*In case of any questions please contact our technical support
tel. 0049-7733-9410-20.*

Table of contents K2 zircon

Colour	Qty.	A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4	Bleach	Gingiva
Frame liner 370-20..	20g			FL-1 ..01						FL-2 ..02						FL-3 ..03			
Frame liner 371-20..	20g									FL-PoZ ..01									
Shoulder 372-20..	20g		SH1 ..01		SH2 ..02		SH3 ..03			SH4 ..04		SH5 ..05			SH6 ..06		SH7 ..07		SH G ..08
Dentine 373-20..	20g	A1 ..01	A2 ..02	A3 ..03	A3,5 ..04	A4 ..05	B1 ..06	B2 ..07	B3 ..08	B4 ..09	C1 ..10	C2 ..11	C3 ..12	C4 ..13	D2 ..14	D3 ..15	D4 ..16	BD ..17	G ..18
Chroma 374-20..	15g			CH A ..01			CH B ..02				CH C ..03				CH D ..04				
Opaque dentine 375-20..	15g		OD-1 ..01			OD-2 ..02				OD-3 ..03				OD-4 ..04			OD-5 ..05		
Enamel 376-20..	20g			E 57 ..01			E 58 ..02				E 59 ..03			E 60 ..04					
Enamel opal 377-20..	20g			EO 57 ..01			EO 58 ..02				EO 59 ..03			EO 60 ..04					
Enamel intensive 378-20..	20g			EI T1 (transpa) ..01			EI T2 (transpa) ..02				EI O3 (opaque) ..03			EI O4 (opaque) ..04					
Transparent 379-20..	20g		TN (normal) ..01			TO (opal) ..02				T1 ..03				T2 ..04					T3 ..05
Clear	20g								CL		Art.-Nr. 380-2001								
Glaze	10g								GL		Art.-Nr. 380-2002								
K2 fluor 381-20..	15g					PF 1 ..01								PF 2 ..02					
Mamelon 382-20..	15g			MM 1 ..01						MM 2 ..02							MM 3 ..03		
Stain 383-02..	2g		ST-A ..01	ST-B ..02		ST-C ..03	ST-D ..04			ST-5 ..05	ST-6 ..06	ST-7 ..07		ST-8 ..08	ST-9 ..09	ST-10 ..10			
K2 zircon liquid	25ml 50ml 250ml			Modellier Liquid ML Art.-Nr. 384-0025 Art.-Nr. 384-0050 Art.-Nr. 384-0250					Schulter Liquid SHL Art.-Nr. 385-0025 Art.-Nr. 385-0050					Glaser Fluid GF Art.-Nr. 386-0025 Art.-Nr. 386-0050					

Product assortment K2 zircon and K2 zircon press

K2 Base zircon kit in cabinet 3 x 20 g Frame liner (FL1 - FL3), 5 x 15 g Opaque dentin (OD1 - OD5), 16 x 20 g Dentine (A1 - D4), 4 x 20 g Enamel (E 57 - E 60), 4 x 20 g Enamel opal (EO 57 - EO 60), 1 x 20 g Clear, 1 x 20 g Transpa normal, 1 x 10 g Glaze mass, 1 x 50 ml Modelling liquid, 1 x 25 ml Shoulder liquid, 1 x 25 ml Glaze fluid	370-0000
Confidential zircon kit in paper box 1 x 20 g Frame liner FL1, 1 x 20 g Enamel E 59, 1 x 20 g Dentine A3, 1 x 10 g Glaze mass, 1 x 20 g Transpa normal, 1 x 50 ml Modelling liquid, 1 x 25 ml Glaze fluid	370-0001
Advanced zircon kit in cabinet 7 x 20 g Shoulder powder (SH1 - SH7), 1 x 20 g Shoulder gingiva, 1 x 20 g Bleach dentin, 1 x 20 g Gingiva, 4 x 15 g Chroma dentin (CH A - CH D), 1 x 20 g Transpa opal, 3 x 20 g Transpa (T1 - T3), 3 x 15 g Mamelon (MM 1 - MM3), 4 x 20 g Enamel intensive (T1, T2, O3, O4), 2 x 15 g K2 fluor (PF 1, PF 2)	370-0002
Stain zircon kit in paper box 10 x 2 g Stain (A - D und 5 - 10), 1 x 10 g Glaze, 1 x 25 ml Glaze fluid	370-0003
K2 zircon press EF - kit in paper box Press ingots 4 x 2 g each (A1 - A3, B1 - B3, C1, C2, D2, BD, TA1 - TA3, TB1 - TB3, TC1, TC2, TD2), 10 x 2g plunger (one-way)	370-0004

Caram/sta



Caramista - Ceramic brushes
fine brushes with wooden handle

- **excellent water absorption and spreading** - even ceramic wetting while layering
- the natural elasticity of the hair allows the exact separation as well as precise application of ceramic
- **considerable prolongation of the lifetime of the brush hair**
- the brush **returns** to its original **point form** even after long time of use, rumped and spreaded brush points belongs in the past
- **exclusive brush hair** surpasses known standards
- convenient to use due to **ergonomically formed brush parts**
- **handmade in Germany**

Caramista paint brush no. 0	312-3000
Caramista paint brush no. 1	312-3001
Caramista opaquer / bonder brush	312-4000
Caramista brush no. 6	312-2006

Caramista brush no. 8	312-2008
Caramista big brush no. 10	312-2010
Caramista brush set	312-5000



MAGIC DISC

- diamond-covered separating discs for ceramics
- ultra-thin and flexible
- break-resistant - glass fibre reinforced
- suitable for grinding of ceramics and zircon
- high efficiency while separation of pressed channels
- very high stability and durability

MAGIC DISC	10 pcs	399-2002
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Cabinet for ceramic (empty)

Cabinet for ceramic with 4 drawers grey/white (standard)

Size: Total height 30,4 cm

One drawer: L x W x H = 25,5 cm x 34,0 cm x 7,4 cm
320-0010

Cabinet for ceramic with 1 drawer grey/white (to add)

320-0011



K2 Lube ceramic separating liquid

This ceramic separating liquid ensures reliable separation of ceramic from gypsum.

It burns without residue and causes no colour changes of ceramic.

K2 Lube 10 ml 345-0010



K2 Instruction for use:

German	310-0100
English	310-0200
French	310-0300
Italian	310-0400
Spanish	310-0500
Russian	310-0600

High spot indicators for localization of high spots see on page 44
Investment EXPANSION plus for K2 press and K2 press zircon see on page 41
Silicone cylinder, silicone ring and plunger see on page 42



Shade guide

Dentin	320-0100
Shoulder / Fluor / Intensive / Chroma	320-0200
Transpa / Enamel / Mamelon	320-0300
Press ingots	320-0400

Magic-Glass-Stick for ceramic



- Glass-Stick for an easy and economic application of the opaquer powder onto framework
- with 2 different ball tips for exact quantity application
- even layering after firing
- safety glass with a special stability
- easy to work, saves time

Magic-Glass-Stick 312-1000



Ceramic Humidor

Ceramic mixing plate transparent

- constant consistency of ceramic
- **PE material** plate
- **hydrophile inlay with defined width of pores, assures optimal absorption**
- **one inlay** without additional annoying membrane
- **easy to clean with a steamer or an ultrasonic unit**
- convenient height
- handy size (200 x 125 x 17 mm)
- transparent cover to protect against dust and quick drying
- Made in Germany

Ceramic Humidor 312-0000
 Inlay grey 2 pcs. 312-0100



Stain Humidor

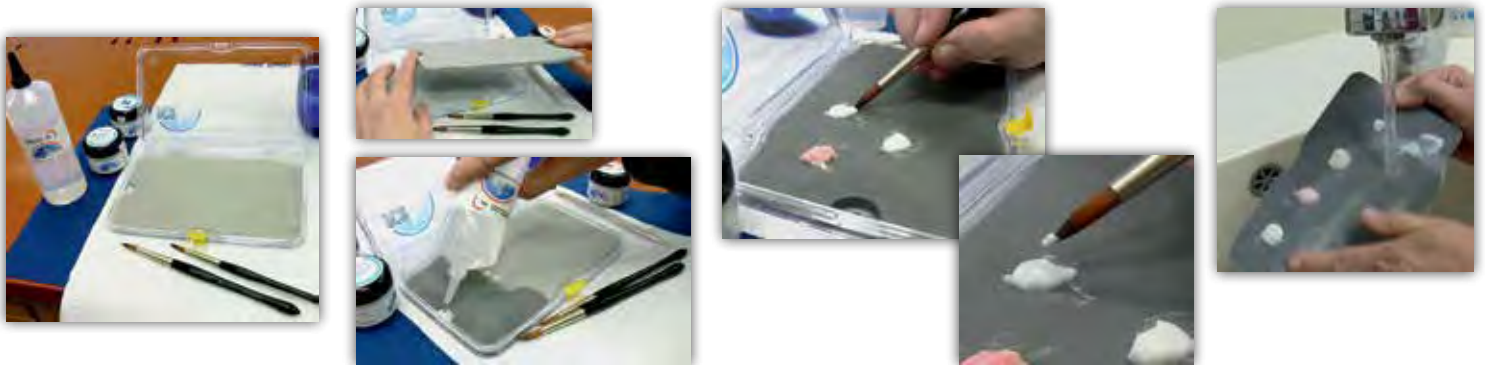
Humidity plate for stains

With the further development of the Stain-Humidor you can treat the ceramic colours in the same way as the ceramic powder.

- unique capillary inlay with **15 hollows and 2 inserts**
- **automatically supply of the stains with glaze liquid**
- the stains can be used for months
- **mixed stains do not dry out**
- colours are provided with exact liquid quantity while mixing unlike on the usual mixing plates
- Stain Humidor works as Ceramic Humidor **without additional membrane**
- transparent cover protects humidity plate against dust
- **easy to clean with a steamer or an ultrasonic unit**

Stain Humidor 312-0001

Ceramic Humidor



Stain Humidor



DIA GLACE

A polishing medium to obtain perfect surfaces of ceramic restorations.

If ceramic is fired at too high temperature, in order to obtain a gleaming surface, it can appear artificial inside the mouth. Natural looks can only be achieved through polishing. We recommend the use of our lubricant-impregnated felt wheels with DIA GLACE.



- high diamond content
- high gloss within a few seconds at a speed of 7500 r/min
- economical in use thanks to its hard consistency, a very small quantity needed for one polishing procedure
- no wasted material, very clean while working

DIA GLACE can also be used on composites, veneer plastics and alloys. Use in combination with our non-impregnated felt wheels only on alloys.

DIA GLACE	hard diamond paste	5 g	300-0000
DIA GLACE	set, 5 g diamond paste +	100 lubricant-impregnated felt wheels	302-1000
Felt wheels	100 pcs.	lubricant-impregnated	301-0100
Felt wheels	100 pcs.	non-impregnated	305-0100



DIA QUICK

Diamond-impregnated felt wheels

DIA QUICK are diamond-impregnated felt wheels for the quick polishing of ceramics, alloys and synthetic materials.

When the wheels are in use, heat is generated by friction, releasing the impregnated diamond particles at the contact point.

Consequently a permanent supply of diamond particles is created resulting in the perfect polish.

- quick, clean, small and effective

DIA QUICK	10 pcs.	diamond-impregnated felt wheels	303-0000
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**BASE PLATE wax pink
for full and partial denture**

Our pink base plate waxes are available in four different qualities. You can choose between summer and winter quality 1,5 or 1,25 mm thickness, a higher or a lower solidification point, and between hard, soft or more elastic wax. All our base plate waxes are made of best raw materials to guarantee constant excellent quality.

SOLIDUS 80 & SOLIDUS 84

- both qualities have great stability which ensures they do not pull out of shape, even when fitting inside the mouth
 - they are extremely hard
 - their solidification point is very high
 - very good modelling features despite of their hardness
 - very precise
 - SOLIDUS is suitable also as bite wax
- A base plate wax for experts.

Difference:

- SOLIDUS 84 is harder - solidification point at 84 - 85°C
- SOLIDUS 80 is slightly softer - solidification point at 80 - 81°C

Size ca. 170 x 85 mm

SOLIDUS 80	1,5 mm	medium hard	500 g	680-0000
SOLIDUS 84	1,5 mm	hard	500 g	684-0000



Sculpturing wax SPEZIAL

- pink base plate wax medium hard
- the "allrounder" among the base plate waxes
- summer quality with a solidification point of 56°C and winter quality with a solidification point of 54 °C
- size of the single plate: 175 x 80 mm
- sheet thickness: 1,5 mm or 1,25 mm
- package contents: 500 g or 2500 g



Sculpturing wax SPEZIAL	Summer	1,25 mm	500 g	650-0500
Sculpturing wax SPEZIAL	Summer	1,25 mm	2500 g	650-2500
Sculpturing wax SPEZIAL	Winter	1,25 mm	500 g	652-0500
Sculpturing wax SPEZIAL	Winter	1,25 mm	2500 g	652-2500
Sculpturing wax SPEZIAL	Summer	1,5 mm	500 g	653-0500
Sculpturing wax SPEZIAL	Summer	1,5 mm	2500 g	653-2500
Sculpturing wax SPEZIAL	Winter	1,5 mm	500 g	655-0500
Sculpturing wax SPEZIAL	Winter	1,5 mm	2500 g	655-2500



Modelling wax SUPERPINK

- precise reproduction
- very elastic
- great stability
- solidification point: 57°C
- plate size: 175 x 80 mm

Sculpturing wax SUPERPINK	1,5 mm	500 g	660-0500
Sculpturing wax SUPERPINK	1,5 mm	2500 g	660-2500



IDEAL

- natural pigmentation in gingival colour
- high breaking resistance of bending performance
- high accuracy and stability when fitting in the patient's mouth
- Size: 175 x 80 mm
- Solidification point: 58°C

IDEAL	1,5 mm	500 g	651-0500
IDEAL	1,5 mm	2500 g	651-2500



BITE REGISTRATION WAX flavoured

Bite registration wax is very hard.
It is very stable even at higher temperatures.
The added orange flavour serves to relax the patient
during the registration procedure.

Content: 75 pcs.

Bite registration wax pink	2,0 mm	hard	606-2000
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METAL FOIL WAX brown

- for bite registration
- does not pull-out of shape
as it is protected between two wax layers
- stable in shape

Content: 60 pcs.

Metal foil wax brown	4 mm		605-0060
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BITE WAXES flavoured sticks

Our bite waxes stay stable when warm and when cooled down, giving excellent bite registration. They guarantee the exact bite registration and are available in three different hardnesses. According to the clinical researches it is easier for a patient to accept a flavoured bite wax. This is the reason why we added popular flavours to our bite waxes such as strawberry, apple, orange and lemon. Your patient will feel comfortable and relaxed when using these bite waxes.



BITE WAXES flavoured sticks

- size of one stick 108 x 10 x 10 mm
- colours correspond to their hardness:

yellow	=	lemon flavour	=	soft
green	=	apple flavour	=	medium
red	=	strawberry flavour	=	hard

Bite wax yellow lemon flavoured	soft	490 g	612-0490
Bite wax yellow lemon flavoured	soft	1850 g	612-1850
Bite wax green apple flavoured	medium	490 g	614-0490
Bite wax green apple flavoured	medium	1850 g	614-1850
Bite wax pink strawberry flavoured	hard	490 g	613-0490
Bite wax pink strawberry flavoured	hard	1850 g	613-1850



BITE RIMS preformed flavoured

Use preformed bite rims to make your work easier. They are preformed in accordance to the jaw proportions. Available in three different hardnesses as the bite wax sticks. The additional orange colour rims are orange flavoured and medium hard.

Bite rims preformed	yellow lemon flavoured	soft	96 pcs.	610-0100
Bite rims preformed	green apple flavoured	medium	96 pcs.	612-0100
Bite rims preformed	orange orange flavoured	medium	96 pcs.	613-0100
Bite rims preformed	red strawberry flavoured	hard	96 pcs.	611-0100



BITE RIMS preformed non-flavoured

The new quality!
Very useful bite rims for the warmer seasons of the year

- extrahard quality
- elevated solidification point

Bite rims preformed	pink	extra hard	100 pcs.	614-0100
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There is a rapid development especially in the field of dental scanner.
Please contact us to find optimal solution tailored to your wishes.



Scan Active

- light-stripe scanner
- extremely fast and fully automatic scanner
- very short scan time and calculation time
- virtual articulators for reproduction of condylar position
- highly precise results through 3D calibration
- accuracy up to 10 µm
- output as open STL-file

Technical data:

Dimensions ca. (WxLxH)	490 x 430 x 440 mm
Weight ca:	35 kg
Measuring field:	80 x 60 x 85 mm
Maximum model size:	ca. 90 mm diameter

Easy Scan 3D

- laser scanner
- menu navigation in almost every language
- it is possible to construct up to twelve copings with automatic margin line detection and form making within ten minutes
- modular software solution – you buy only software solution you really need
- measurement accuracy: 15 µm
- best price-performance ratio

Technical data:

Dimensions ca. (W x L x H):	330 x 390 x 410 mm
Weight ca:	20 kg
Scanning volume:	90 x 90 x 90 mm



Digiscan-Spray

Digiscan-Spray is an indispensable addition for the modern laboratory. Ultra fine spray layer makes the correction after scanning much easier. Digiscan-Spray can be applied onto silicone, diestone, wax or alloy. Economic 300ml spray.

A distance of ca. 30 cm must be maintained between the spray and the object.

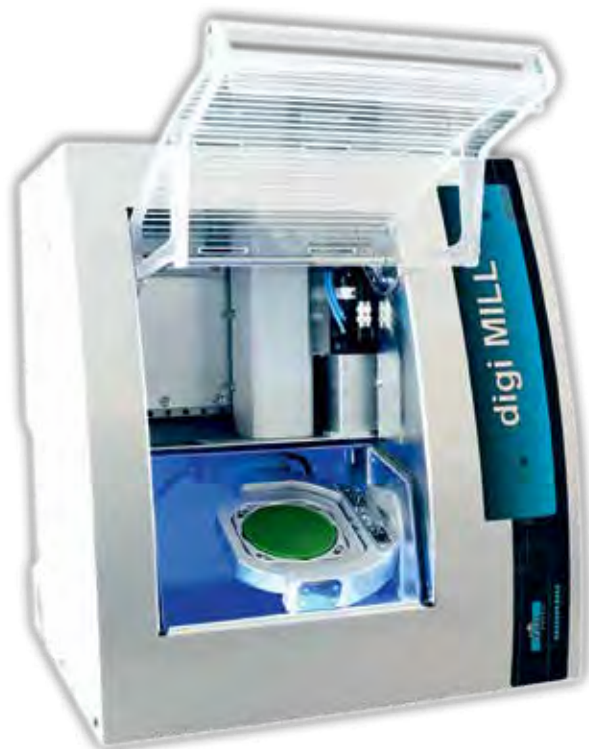
- eliminates reflections and reduce digital artifacts
- very fine spray
- one layer can be applied onto another
- smooth surface
- significantly better scan results
- easy to remove without leaving any residues

Digiscan-Spray

300 ml

581-0300





digi MILL⁵ milling machine

(Available also with blank changer
or as 4- axle milling machine)

- suitable for wax, zircon, non-precious alloys, plastic and composite
- 5- axle milling machine for dry milling
- simultaneously functioning axes
- technologically prepared for wet grinding
- problem-free milling of undercuts through 30° inclination (B-axis)
- optimized CAM-software - files in an open STL-format
- highest accuracy and finish quality (repeat accuracy ± 0,0003 mm)
- automatically tool changer with 16 slots
- sturdy design an thorough that low vibrations
- easy and intuitive to use
- for blanks Ø 98,5 mm with a height of 10 - 30 mm
- connections for external suction (suction can be offered optional)
- compressed air 7 bar
- Required milling cutters can be ordered separately

Measures: 490 x 445 x 540 mm (WxLxH)

Weight: ca. 75 kg – without the blank changer
- optional available with a blank changer

Overview CAD / CAM blanks

Strength		Content	Metal	Zircon		Wax					PMMA	
			Solibond C plus blank	classic	translucent	grey	beige	white	blue	green	one colour	layered
		normal hard (hardness 2))				hard (hardness 3)	hard (hardness 4)	hard (hardness 4)	elastic (hardness 1)			
		slightly elastic microwax				Model casting	(Color indication follows the Item Nr.)					
Article number		969-....	396-....	397-....	791-....	792-....	793-....	794-....	795-....	398-....		
10,0 mm	1 pc.	....9010	....0010	....0010								
12,0 mm	1 pc.	....9012	....0012	....0012								
13,5 mm	1 pc.	....9013										
14,0 mm	1 pc.		....0014	....0014	....0014	....0014	....0014	....0014	....0014			
	12 pc.						....0114	....0114				
15,0 mm	1 pc.	....9015										
16,0 mm	1 pc.		....0016	....0016								
18,0 mm	1 pc.		....0018	....0018								....4118 (A1)
	1 pc.											....4218 (A2)
	1 pc.											....4318 (A3)
20,0 mm	1 pc.		....0020	....0020	....0020	....0020	....0020	....0020	....0020	....0020	....0220 (A2)	
	1 pc.										....0320 (A3)	
	1 pc.										....1120 (B1)	
	1 pc.										....8020 (transparent)	
	12 pc.						....0120	....0120				
22,0 mm	1 pc.		....0022	....0022								
25,0 mm	1 pc.		....0025	....0025					....0025	....0025	....0225 (A2)	
	1 pc.										....0325 (A3)	
	1 pc.										....1125 (B1)	
30,0 mm	1 pc.							....0030	....0030			

Hardness (hardness grade) 1 to 4 = 1-elastic hard up to 4 very hard



CAD / CAM wax blanks

- stabile wax composition - allows the milling cutter to work on the narrowest space
- homogenous surfaces – mirror-smooth milled surfaces
- Wax chips are not melting in the working area and the exhaust system remains efficient
- produced from residue-free, temperature stable and investment compatible micro-waxes
- Quality - Made in Germany -



CAD / CAM wax blanks for partial dentures

- stable in form and volumes
- break-resistant
- sharp contours



CAD / CAM PMMA Blanks In one color, transparent or layered

- for production of temporary crowns and bridges
- high break strength and good processing characteristics
- very natural and aesthetic - layering is modeled on the natural characteristics (layered blanks)
- available in different colors and thicknesses (see Table on page 57)



Solibond C plus blank CoCr alloy (non precious)

- for ceramics
- biocompatible
- laser-capable
- quick polishing and surface gloss
- optimal bonding with ceramics

Vickers hardness	280HV
Elongation	10,1%
CTE (20 – 600°C)	14,0 (x10 ⁻⁶ K ⁻¹)
CTE (25 – 500°C)	13,9 (x10 ⁻⁶ K ⁻¹)

Co	Cr	Mo	W	Nb	Si
63%	24%	2,9%	8,1%	0,9%	1,1%



K2 zircon blanks classic white or translucent

Pre-sintered and yttrium stabilized zircon blanks for crowns and bridges

- very high biocompatibility
- homogeneous density and finer grain size for smooth surfaces
- highly stable edges
- one sintering process for white or translucent

Grain size:	< 0,5µ
Breaking resistance:	9-10 MPa m ^{1/2}
Bending strength:	900 – 1100 MPa
CTE:	10,6
Density white classic:	6,08g / cm ³
Density translucent	6,05g / cm ³
E-Module:	200 GPa
Vickers hardness:	1000-1300



CAD / CAM Scan wax, beige

Laser-opaque and light-opaque sculpturing wax for CAD / CAM technique.

- guarantees excellent scanning results and exact fitting
- highly opaque wax for optimal scan data
- excellent as block out wax
- superb modeling qualities

CAD / CAM Scan wax, beige

45 g

729-5000

Selective Laser Melting

SLM 50

As digital technology continues to evolve, so has Selective Laser Melting (SLM) in dental field for bridges, brackets, model casting and many other situations. What was impossible because of high power consumption of SLM machines has become possible with the first Desktop SLM 50 machine. An affordable reality for dental laboratories, providing exact fits and maintaining the alloy structure.

The popular and well known alloy SOLIBOND C Plus is now adapted to this technology and is available as SOLIBOND C Plus powder, which together with the SLM 50, guarantees the best results.

With Intensive Research & Development, in house consultation and excellent training this system will quickly gain partners among top dental laboratories around the world.

Advantages of SLM 50:

- compact size of a desktop machine
- high quality fibre laser “Made in Germany”
- production of up to 120 units a day
- gracile constructions with minimum layer thickness of 20 my can be produced
- economical, only minimal material used
- time saving
- less adapting work

This desktop SLM 50 machine fits in with the existing SLM 100 and SLM 250 series.

Delivery takes place after intensive consultation and extensive training of user.

We will be glad to make you an tailored offer based on your requirements.



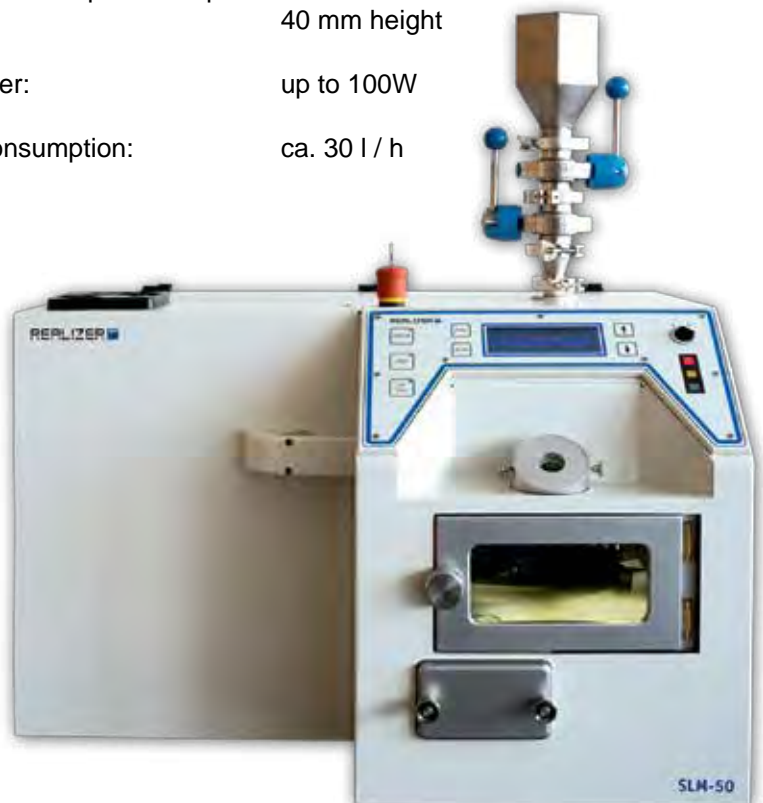
SLM 50

Size: 800 mm width
700 mm depth
500 mm height

Maximal size of produced part: Ø 70 mm
40 mm height

Fibre laser: up to 100W

Argon consumption: ca. 30 l / h





SOLIBOND C plus Powder

Cobalt-Chrome alloy
for laser based applications

An important component to SLM machines is the alloy powder, crucial for the quality of laser melted products.

Solibond C plus powder with its spectrum of -10 / +63 my is produced in Germany with strict quality controlled production under inert gas. Each Lot is released to market, only after achieving the optimum test criteria.

The popular alloy SOLIBOND C plus is registered worldwide and already enjoys a high level of customer confidence. SOLIBOND C plus is highly recommended for use with the SLM 50 machine and the powder stays constantly dry and free-flowing.

Co	Cr	Mo	W	Nb	Si
63%	24%	2,9%	8,1%	0,9%	1,1%

- exact fitting
- smooth surface of produced items
- fine and homogeneous alloy structure

SOLIBOND C plus Powder

5000 g

969-5000



digi LAB 3D Wax Printer

The increased use of digital technology in dental laboratories is modern and in the majority of application fields much more economical comparing to traditional way of working.

Although, if working with precious alloys the usage of milling disks or alloy powder for production of milled or melted crowns is neither profitable nor practical. Traditional casting technique is still required here.

It is possible to create anatomical crowns, bridges, dentures, implants or model casting works in a very short time using construction software. You transfer digital data to LAB 3D Wax Printer and it produces layer by layer a high-precision casting object in wax.

Printed wax object will be invested as usual and can be pressed or melted in a material of your choice.

The great precision along each of X, Y or Z axis is convincing regarding fitting and the surface quality.

- inner size: 152.4 X 152.4 X 50.8 mm
- unit size: 558 mm X 495 mm X 419 mm
- connection: USB 2.0
- .stl and .slc files



Training at the Highest Level

Continuously growing demands regarding the quality and efficiency of modern laboratories cannot be ignored.



To be successful in an increasingly competitive dental market, to hold its own against competition, and to increase and develop its own customer network means a laboratory must constantly review its quality and the efficiency of its own work.

To deal with these challenges now and in the future, training offers the perfect opportunity to get new extensive knowledge or to refresh and to evolve existing skills.

Courses have been run in our modern Training Facility since 2005. We have installed a modern, well equipped and attractively designed training laboratory with facilities for ten technicians.

Yeti Courses may be undertaken, on request in other laboratories or education centres.

**„Standing still means stepping backwards.
Only by actively embracing change we will be successful.”**

We would be glad to introduce to you our extensive course program and a wide variety of workshops from all areas of Dental Technology.

As well as our own top-class technicians we also organize courses and workshops with many world-renowned speakers.

You are cordially invited!

Please visit our website:

www.yeti-dental.com





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