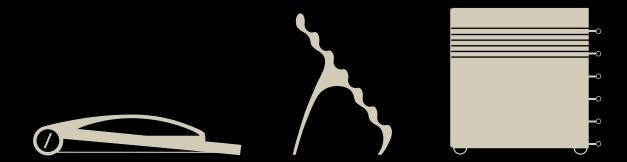


with a touch of...







VISION

2

3

A superior quality, a unique style, an exclusive feel... there are plenty of reasons to purchase an object from Smile Line.

Still, these three arguments don't explain by themselves the growing success of the brand.

At the beginning of any project, there is a necessary quality that is owned by every human being: the sense of possible – in other words a mix of dream, extravagance and enthusiasm.

Once the process of creation is on track, it is necessary to agree – at every new step – on reconsidering the acquired knowledge and certainties, to imagine new ways to explore and to have sometimes an unconstrained view of things.

Smile Line is lucky to be a "human size" company – this allows us to keep our ears and eyes open and to show much flexibility in our daily decisions or other choices at short and medium term.

Finally, our most impressive success today – and which is also of the highest importance for us – are our numerous clients, always happy and enthusiastic!

Olivier Schaeren
Smile Line CEO



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NEW ARCHITECT WAX-UP ASSISTANT, ANTERIOR SET · Preformed wax facings

N-ARCHITECT WAX-UP ASSISTANT ANTERIOR

PREFABRICATED WAX FACINGS - SILICONE MOULDS

New Architect wax-up assistant ANTERIOR gathers prefabricated white wax facings, out of 100% organic wax. They allow to reach a production efficiency far superior to many other kinds of methods for: diagnostic wax-ups, implant cases, long terms provisionals, pressable ceramics.

The kit is composed of beautiful basic shapes: triangular, oval, rectangular as well as a universal lower anterior form, all available in two sizes (L & S). The wax forms are simple and easy to carve. They are also adjustable by heating slightly with a hairdryer.

Smile Line provides with each kit Architect one ADD-ON wax and one POSITION wax samples. ADD-ON wax quality/colour is exactly the same as the wax used for injecting the preforms.

SILICONE MOULDS: supplied in each kit or available separately, they open the door to the self-production of the preforms. Ideal also for the production of composite veneers.

The STUDY MODELS made out of soft polyurethane supplied in the kit enable an easy and rapid selection of the correct shape of wax facings.



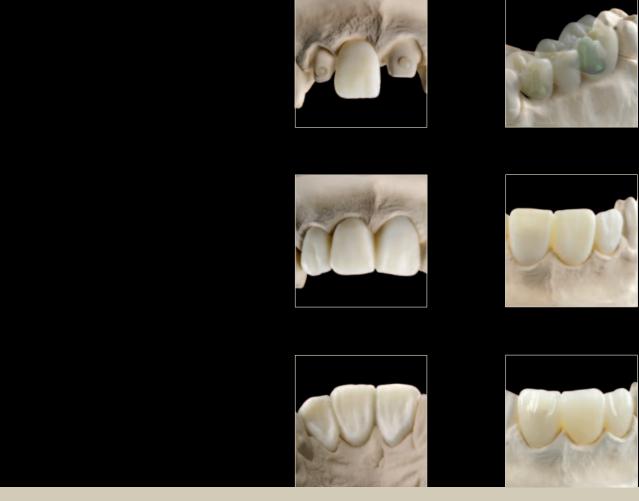
Description	Item no.
New Architect wax-up assistant ANTERIOR kit: 48x6 pcs, 8 silicone moulds,	
4 PU study models, ADD-ON & POSITION waxes, solid aluminium cube	2110-AA
New Architect, set of 8 anterior silicone moulds	2111
New Architect, set of 4 anterior PU study models	2112
Refill of 15 pcs of one shape / size	N-Refill
New Architect, ADD-ON white wax, 30g	2150
New Architect, POSITION wax, 30g	2151











▲ Fast and easy set up of the Architect wax patterns. First apply one drop of "position wax" on the die(s) and set up the wax facing. Position the wax facing(s) and adapt. Finally fill in and finish by using ADD-ON wax.

▲ Architect wax facings and occlusal surfaces are ideal for all cases of implants works.

▲ Long term provisional bridge realized thanks to Architect wax preforms and with the use of a silicone impression key.

N-ARCHITECT WAX-UP ASSISTANT POSTERIOR

WAX OCCLUSAL SURFACES



Description	Item no.
New Architect wax-up assistant POSTERIOR kit: 32x10 pcs, 4 silicone moulds,	
ADD-ON & POSITION waxes, solid aluminium cube	2120-AP
New Architect, set of 4 posterior silicone moulds	2121
Refill of 15 pcs of one shape / size	N-Refill
New Architect, ADD-ON white wax, 30g	2150
New Architect, POSITION wax, 30g	2151

New Architect wax-up assistant POSTERIOR gathers prefabricated white wax occlusal surfaces. They allow to reach a production efficiency far superior to many other kinds of methods for:

pressable ceramics - any kind of wax-ups - works on implants - long terms provisionals - etc.

The kit is composed of beautiful universal shapes, available in two sizes (L & S). The wax forms are simple and easy to carve. They are also adjustable by heating slightly with a hairdryer. Smile Line provides with each kit one Architect ADD-ON wax and one POSITION wax samples. ADD-ON wax quality/colour is exactly the same as the wax used for injecting the preforms.

For the first time, Smile Line supplies in each kit the **SILICONE MOULDS** which open the door to the self-production of the preforms.



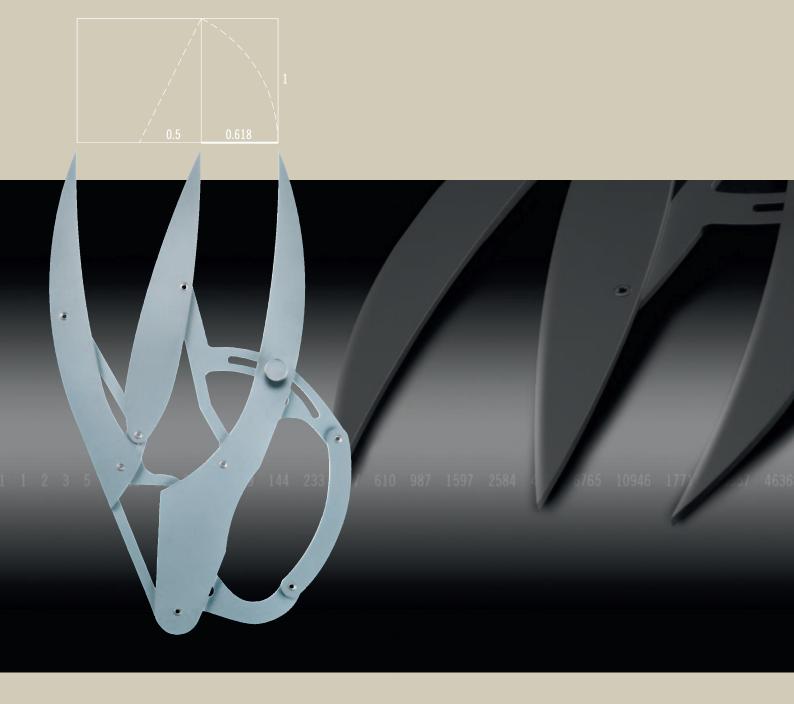
▲ Crown realized with the technique "press to zircon oxide".

Obviously, Architect is perfect also for any other press technique (traditional or press-tometal).

N-Architect silicone moulds open the door to the self-production of the preforms, also made out of composite.

GOLDEN SECTION DIVIDER

DIVIDER FOR THE DETERMINATION OF THE "GOLDEN PROPORTION"



Description	Item no.
Golden Section Divider set, including an assortment of 6 grids blocs, instructions	6010
Grids blocs "golden section", 7.0 mm, 6 pcs	6020-70
Grids blocs "golden section", 7.5 mm, 6 pcs	6020-75
Grids blocs "golden section", 8.0 mm, 6 pcs	6020-80
Grids blocs "golden section", 8.5 mm, 6 pcs	6020-85
Grids blocs "golden section", 9.0 mm, 6 pcs	6020-90
Grids blocs "golden section", 9.5 mm, 6 pcs	6020-95

A CONSTANT WITHIN THE UNIVERSE

The golden proportion is a ratio which result is called mathematically Phi (1.618) or phi (0.618). It is proven that **the universe uses this proportion for its own construction**, from the genetic sequences up to the level of galaxies, passing by construction of flowers, insects, a hand, a face or the whole body. As we are able to divide a line by its middle or draw a perpendicular, we all recognize the Golden Proportion as a constant for harmony and balance.

A FASCINATING TOOL

Golden Section Divider will allow you to easily assimilate "physically" the concept. Slightly or widely open, the Golden Section Divider indicates always two segments respecting the golden proportion. Made out of the highest quality stainless steel and very carefully assembled by hand, the divider is a wonder of precision mechanics. It is supplied together with an assortment of the very useful blocs of grids and of course with instructions of use.

THE GOLDEN PROPORTION IN DENTISTRY

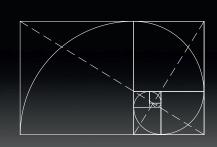
Many studies mention the golden proportion as being one of the ingredients for the harmony of a smile and dentition (see images below). The Golden Section Divider and the grids allow you to discover in a few seconds the theoretical ideal goal in comparison to the real situation in the mouth. These informations are very exciting and very useful for:

- esthetic anterior cases
- dentures
- positioning-angle-axis of teeth
- gingivectomy
- wax-up control

$$\frac{A}{B} = \frac{B}{C}$$

$$A$$

$$C \qquad B$$





10 11

75025 121393 196418 317811 514229 832040 1346269 2178309 3524578 5702887 9227465 14930352 241578







▲ In frontal view (visible part of the dentition), anterior teeth are in the golden proportion one to the other. I.e. the width of the central incisor is in proportion to the width of the lateral incisor. The lateral incisor to the canine and the canine to the first premolar.

The segment "central incisor to first premolar" is in the golden proportion to the segment "first premolar to corner of the mouth (end of smile)"

The height of the central incisor is in the golden proportion to the width of the two central incisors (golden rectangle).

▲ In the relaxed face, the lip line divides the lower third of the face into two golden proportion segments: "bottom of the nose to lip line" and "lip line to chin".

▲ The "Golden Section Grids" printed on paper (assortment of blocs supplied in the kit) are very useful for registrations in the mouth of a patient as well as when working with a model.

TECNO SKIN

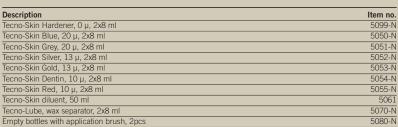
CEMENT SPACERS

Tecno-Skin is a line of cement spacers which directly benefits from the latest technologies in industrial chemistry for varnishes. During everyday use, the advantages are:

Fast and easy application - consistent thicknesses - a very smooth surface - a very high resistance to scratches and steam - precision application brush

For the best tenacity on the plaster die, it is recommended to apply a first layer of Tecno-Skin Hardener (not necessary on epoxy). **Tecno-Lube is a solvent-free separator against wax that is 100% compatible** with the line Tecno-Skin.





HIGH PRECISION WAXES

QUALITY, CONFIDENCE AND WORKING COMFORT

To respond to a big demand, the Smile Line experts-consultants have selected a choice of three essential waxes of a superior quality:

High Precision Margin Wax

This is a red wax with superior characteristics for modelling all marginal areas (copings and inlays). This wax has almost no retraction inert wax.

High Precision Inlay Wax

Hard modelling wax, light green color, for occlusal surfaces & inlays. It is extremely comfortable to carve. Its qualities allow it to be used also for milling works. The surface obtained after casting or pressing is extremely smooth.

High Precision Modelling Wax

This is a universal, hard wax, deep green color, for modelling (copings, frameworks). It has a very low retraction, burns without leaving any residues and provides a very nice working comfort.

Smile Line's High Precision Waxes are all 100% organic.



Description	Item no.
ADD-ON wax, white, 30g	2150
POSITION wax, 30g	2151
High Precision Margin wax, red, 30g	2160
High Precision Inlay wax, light green, 30g	2161
High Precision Modelling wax, deep green, 30g	2162

WAX PONTICS

PREFABRICATED ELEMENTS OUT OF WAX

THE CONCEPT

The assortment of Smile Line's prefabricated wax-pontics gathers a program of 54 different shapes/sizes (small-medium-large).

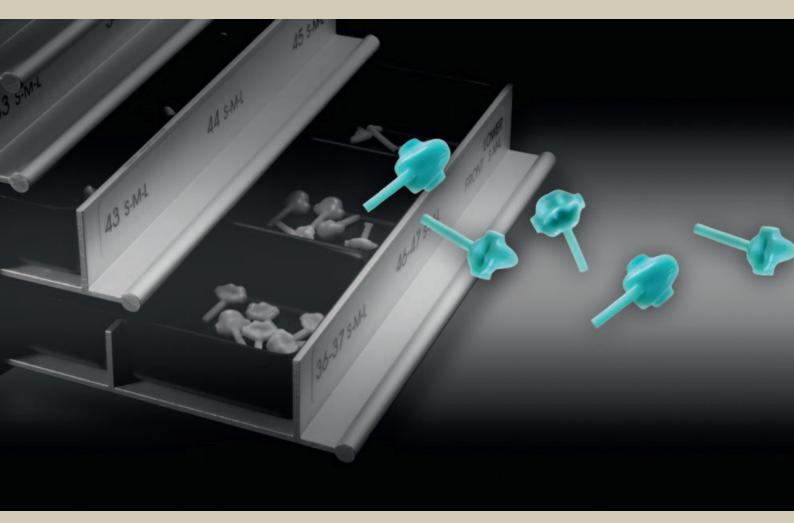
The optimized design of each shape allows ease in everyday use.

EASY AND COMFORTABLE

A unique 10 mm long square sprue is integrated to each pattern. This offers you several very big advantages:

- unequalled positioning comfort
- time savings
- cooling sprue during casting
- support for hanging bridges during porcelain firing

For starting with this ingenious concept, you have the choice between the acquisition of the complete "CUBE-kit", a very exclusive solid aluminium cabinet containing 324 pcs wax-patterns or the "starter-kit", more economical with 162 pcs.



-	
Description	Item no.
Smile Line Pontics, CUBE full kit, 324 pcs (54 x 6)	2510
Smile Line Pontics, Starter-kit, 162 pcs (54 x 3)	2515
Refill, per shape/size 20 pcs	Refill
Refractory alloy firing peg*, 3 pcs	9050
Hold'on bag, 2 pcs	1500
Mini-Waxtic kit, incl. 750 pcs wax sprues, honeycomb firing tray 45 x 45 mm, refractory alloy firing peg	2520
Mini-Waxtic refill of 750 pcs wax sprues	2525

^{*1} firing peg comes along with every kit

SQUARE SPRUE: THE PRINCIPLE

It fits into a special refractory alloy firing peg (supplied with the kits), allowing this way to hang up the bridge during the porcelain firings without any risk of dropping your work.

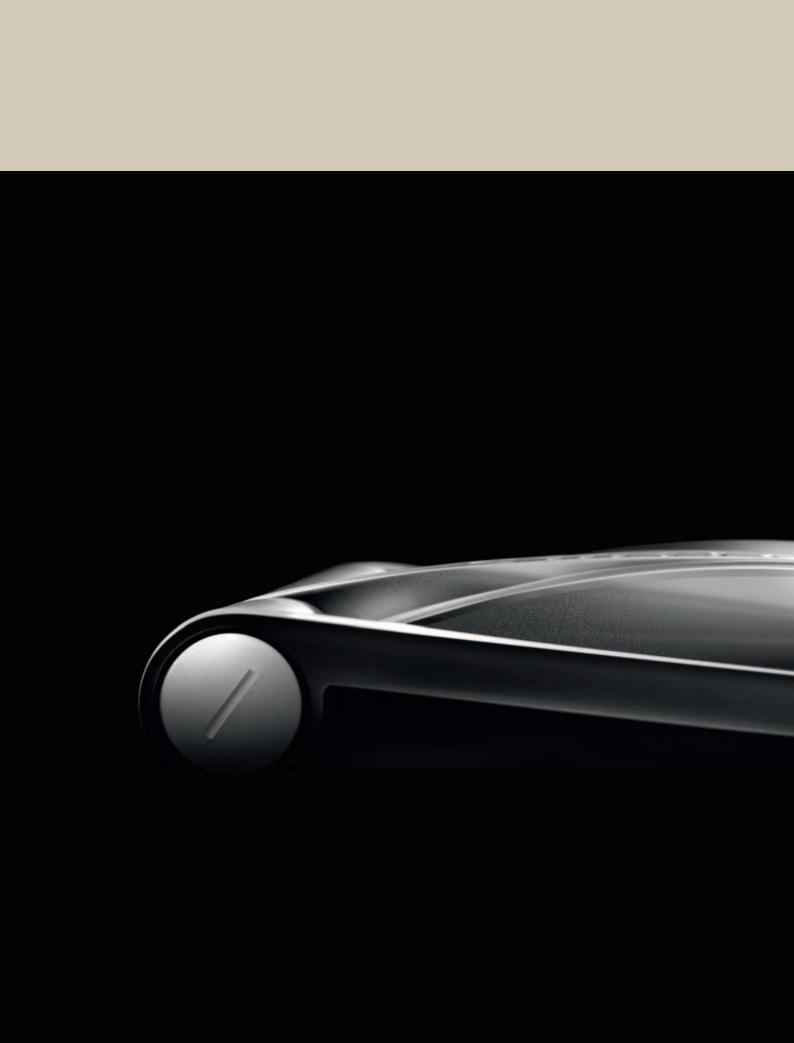
It is possible to fire bridges – even precious alloy – up to 6-8 units hanging them up with only one sprue without risk of distortion after firing!

MINI WAXTIC

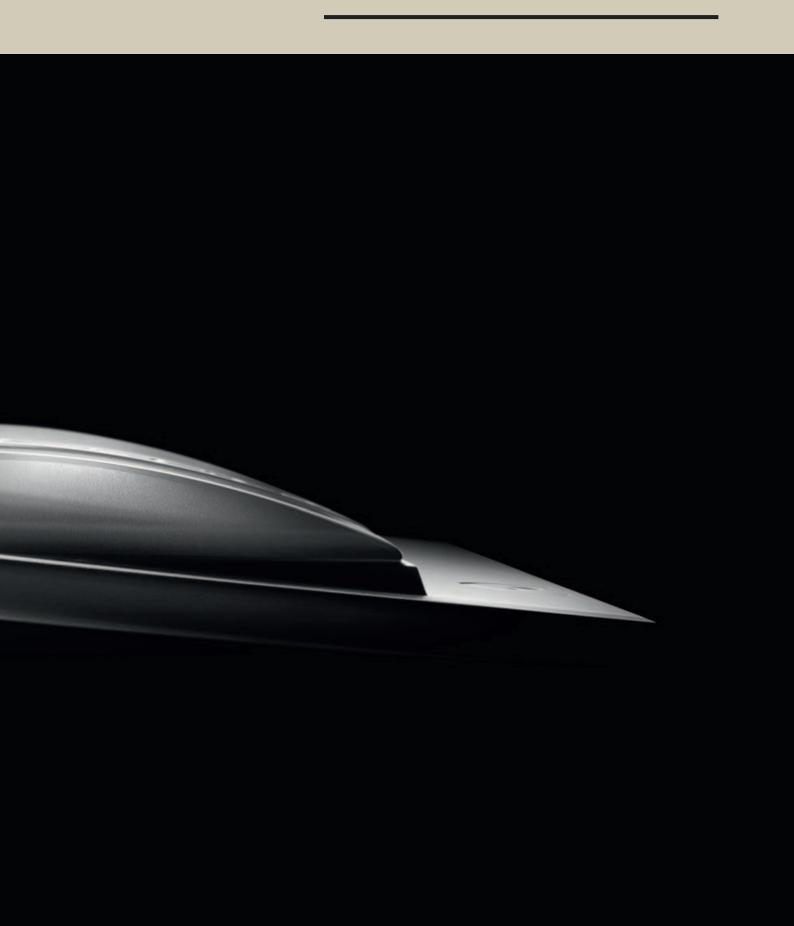
For continuing with the same research of ergonomics as in the wax-pontics, Mini-Waxtic is a small wax sprue (square profile) that you can position on your wax copings. Once casted in alloy, it will be extremely useful and comfortable for holding the object.



▲ The "hold'on bag" allows you to position and stabilize your model into a chosen angle every time your work requires both hands.



MIXING TRAYS FOR PORCELAINS



U-MID EVO2

NEW DESIGN AND NEW STANDARD IN MATTER OF ERGONOMICS

Always seeking solutions for **improving your ergonomics at work as well as your enjoyment**, Smile Line developed a new stylish unit "container-lid" for the U-mid tray.

U-mid EV02 takes advantage of the same technology of capillary filters (ceramic porous plate and micro-porous membrane filters – see also p.20) which has shown its efficacy since more than 15 years. The base, out of solid polyurethane, is completely layered with a black soft and mat material for a very nice touch and no light reflection. The front part design is widely inspired from laptops and allows your hand to lay on it naturally. The openings on both sides of the working surface allow an easy refill of the container, no matter if you are right or left handed. The lid injected out of shock-resistant polycarbonate can be easily removed from the base. You can decide the angle of its opening. Dimensions of the "container-lid" unit: 325x228x40mm.

U-mid EV02 is no doubt the most exclusive and ergonomic wet tray ever seen on the market.



Description	Item no.
U-mid EVO2, complete set incl. container/lid unit, ceramic porous plate (240x135mm),	
2 white microporous membrane-filters (240 x 135 mm), U-mid liquid ADVANCED 250ml	2080
U-mid, ceramic porous plate 240x135x6mm, 1pc	1081
U-mid, white microporous membrane-filters 240x135mm, 2pcs	1074
U-mid, black microporous membrane-filters 240x135mm, 2pcs (option)	1076

WET'N'DRY EVO2

THE "NO COMPROMISE" ALTERNATIVE

Instead of the capillary filters used for U-mid, **Wet'n'Dry EV02** is equipped with Smile Line's hybrid system composed of a glass slab and super absorbing stripes (see also p. 21).

The brand new EVO2 container is divided into 3 segments. This provides the possibility to feed with liquid/water only one or two stripes, or all three. Besides its exclusive design and outstanding ergonomics, Wet'n'Dry EVO2 offers the simplicity, reliability and security of a system working perfectly since developed, years ago.

WET'0'PROOF – revolutionary. If U-mid and Wet'n'Dry have become classics in Smile Line's program, there is today a brand new and fascinating working surface: Wet'o'Proof. It is actually an improvement of Wet'n'Dry which plays with the hydrophobic and hydrophilic peculiarties of materials. The working surface is out of a synthetic hydrophobic material. Its low surface tension is "water repellent" and allows the porcelain grains to better stand together. Improved comfort guaranteed! The cellulose strips (hydrophilic) are inserted vertically into the slots of the mixing slab. This way, they can absorb the humidity from the reservoir and bring it onto the surface. Their purpose is to keep your porcelain at right consistency for several days. Because of their vertical stable position, the strips help your porcelain mass to stay where it is instead of slipping away. The illustrations here under on the right show you the working surface of Wet'o'Proof. Available either with EVO2 or "Classic" (p. 21) container-lid unit.



Description	Item no.
Wet'n'Dry EVO2, complete set including container/lid unit, polished glass slab with "bump-on's"	
(240x135mm), 10 super absorbing stripes "wet'n'dry", U-mid Liquid ADVANCED 250ml	2090
Wet'n'Dry, polished glass slab with "bump-on's" (240x135x4mm)	1091
Wet'n'Dry, super absorbing stripe, 10pcs	1092
WET'O'PROOF EVO2, complete set including container/lid unit, synthetic hydrophobic plate (240x135mm),	
12 cellulose strips, U-mid Liquid ADVANCED 250ml	2095
WET'O'PROOF, synthetic mixing slab (240x135mm)	1093
WET'O'PROOF, cellulose strips, 50pcs	1094

18

19

U-MID CLASSIC

WET MIXING TRAYS

Since its launch in 1994, U-mid has become worldwide a classic in the segment "wet trays for porcelain". Its great and undeniable advantages for everyday techniques are:

automatic "wetting" of the powders - permanent consistency - no mixing required - time saving and wonderful working conditions - savings in ceramic powders - ergonomics

Pioneers thanks to hi-tech components

The combination of capillary filters offers great reliability. The ceramic porous plate transports moisture from the reservoir to the surface. At the same time the top-layer microporous membrane-filter works as a humidity regulator and a very smooth working surface. Both components are easy to maintain: the ceramic porous plate can be thoroughly steam cleaned and the microporous membrane-filter can be gently rinsed under running water.

U-mid Classic is available in big format (240x135mm) and in a small format, Light U-mid (150x73mm). As an option, Smile Line offers a black microporous membrane-filter to be put over the traditional white membrane.

U-mid Stains - Smile Line proposes U-mid Stains that works with the same capillarity action but with a different microporous membrane-filter. Of course, the adapted stains liquid allowing an extremely precise positioning of the stains, is included in the kit.



U-mid Classic complete set, incl. container/lid unit, ceramic porous plate, 2 white membrane-filters Liquid U-mid Liquid ADVANCED 250ml	1000
	1000
	1080
U-mid Classic, porous plate (240x135x6 mm), 1pc	1081
U-mid Classic, white membrane-filters (240x135 mm), 2pcs	1074
U-mid Classic, black membrane-filters (240x135 mm), 2pcs	1076

Light U-mid Classic complete set, incl. container/lid unit, ceramic porous p	olate,
2 white membrane-filters , U-mid Liquid ADVANCED 100ml	1030-N
Light, ceramic porous plate (150x73x6 mm), 1pc	1031
Light, white membrane-filters (150x73 mm), 2pcs	1032
Light, black membrane-filters (150x73 mm), 2pcs	1033

Description	Item no.
U-mid Stains complete set, incl. container/lid unit, ceramic porous plate,	
2 white membrane-filters, U-mid Stains Liquid 100ml	1020-N
Stains, ceramic porous plate (150x73x6 mm), 1pc	1021
Stains, membrane-filters (150x73 mm), 2pcs	1022
U-mid Stains Liquid, 100ml	1112
U-mid Stains Liquid, 15ml	1113

WET'N'DRY

MIXING TRAY FOR PORCELAIN

A HYBRID COMBINATION

For this mixing tray, no capillary filters, but a hybrid combination, i.e. a polished glass slab and super absorbing stripes of a fibrous material for bringing liquid from the reservoir and maintaining a humid consistency in the porcelain.

EASY FUNCTIONING

Porcelain masses are mixed on the glass slab and then just pushed against the wet stripe for maintaining moisture.

WET'0'PR00F, Smile Line's new working surface "hydrophobic-hydrophilic" (detail on page 19), also available with the "Classic" unit.



Description	ittelli ilo.
Wet'n'Dry complete set, including container/lid unit, polished glass slab,	
10 super absorbing stripes, U-mid Liquid ADVANCED 250ml	1090
Polished glass slab with "bump-on's" (240x135x4 mm)	1091
Super absorbing stripes, 10pcs	1092
D	Manage and

Description	Item no.
WET'O'PROOF «Classic» complete set, including container/lid unit,	
hydrophobic synthetic plate (240x135mm), 12 cellulose strips,	
U-mid Liquid ADVANCED 250ml	1095
WET'O'PROOF, synthetic mixing slab (240x135mm)	1093
WET'O'PROOF, cellulose strips, 50pcs	1094

Description	Item no.
U-mid Liquid ADVANCED, 250ml	1140
U-mid Liquid ADVANCED, 1000ml	1141
U-mid Liquid ADVANCED, 5000ml	1142
U-mid Liquid ADVANCED concentrated, 200ml	1150

AGATE TRAYS

DRY MIXING PLATE FOR PRE-MIXED MATERIALS

For the preservation of your ready to use materials, such as paste opaques and stains in paste, Smile Line proposes its Agate mixing trays.

The agate, a semi-precious stone, is cut, transformed and machined manually. Its uniqueness and beauty are enhanced in the ergonomic Smile Line translucent container.

Because of the nature of this material, every single piece is a surprise for the user.

Smile Line offers one tray with 16 wells, intended for your paste-opaques and another version with 20 wells, for your stains in paste. Finally there is a third version existing, without wells, with a plain polished surface.



Description	Item no.
Agate dry mixing tray for stains in paste, 20 wells, complete set with container/lid	1045
Agate insert, 20 wells (without container/lid)	1046
Agate dry mixing tray for paste opaques, 16 wells, complete set with container/lid	1055
Agate insert, 16 wells (without container/lid)	1056
Agate dry mixing tray without wells, complete set with container/lid	1065
Agate insert without wells (without container/lid)	1066

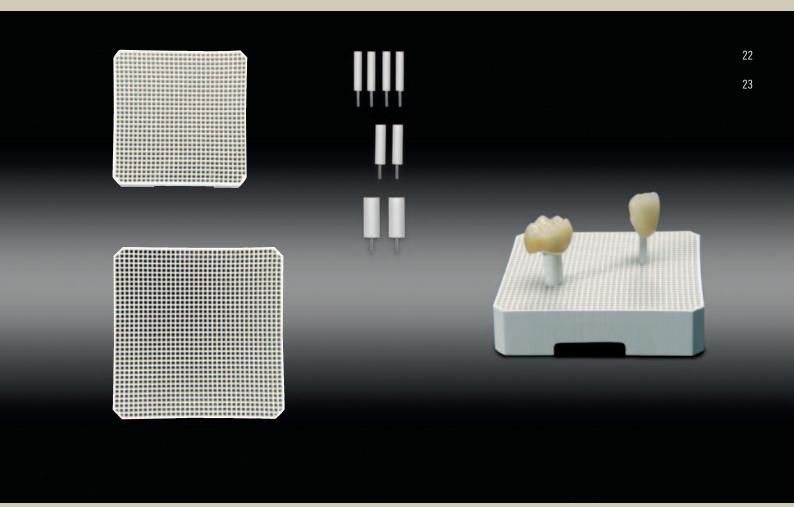
FIRING TRAY

DEVICE FOR CROWNS AND BRIDGES FIRING

This "honeycomb" construction type firing tray offers unlimited choices of placement for the firing of porcelain bridges and crowns.

Two sizes ($45 \times 45 \text{ mm}$ and $55 \times 55 \text{ mm}$) are supplied in the starter kit and each is also available separately.

The firing pegs are made from alumina and their cylindrical shape is easy to adjust individually. Three diameters (2, 3 and 5 mm) are supplied to make finding the appropriate peg for each case easy and predictable.



Description	Item no.
Firing tray kit, including: 1 x ea. mullite honeycomb tray 45x45 and 55x55 mm,	
4 alumina firing pegs 2mm, 2 alumina firing pegs 3mm, 2 alumina firing pegs 5mm	9010
Mullite honeycomb tray 45x45mm, 2pcs	9015
Mullite honeycomb tray 55x55mm, 2pcs	9016
Alumina firing pegs 2mm, 12pcs	9020
Alumina firing pegs 3mm, 12pcs	9021
Alumina firing pegs 5mm, 12pcs	9022
Alumina firing pegs assortment : 4pcs each	9029

MICRO-VIBES

A REVOLUTION IN YOUR EVERYDAY WORK

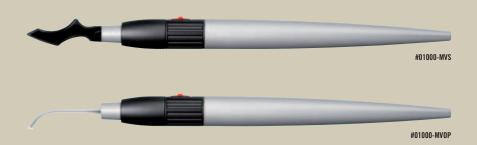
Micro-Vibes is a multi-purpose tool of a new and innovative conception. Thanks to a micro-motor equipped with an excentric weight, it provides a unique micro-vibration (« sonic » effect) which can be directed and controlled. By using Micro-Vibes for mixing, your ceramic's properties will be enhanced and optimized, thanks to the homogenization of its grains before build-up.

More than this, Micro-Vibes allows:

- to extract any micro-bubbles from the mixture
- a local interdental condensation for closing any space after the first ceramic firing
- a regular and thin application of materials such as powder or paste opaques and liners for zirconia
- the activation of materials such as paste opaques and stains in paste
- a help for placing crowns and bridges on the model



Description	Item no.
Micro-Vibes, instrument with universal flexible spatula	01000-MVS
Micro-Vibes, instrument with Al ₂ O ₃ bead for paste-opaques	01000-MVOP
Universal plastic spatulas, spare, 5 pcs	01010-MV
Universal spatulas in natural fiber - horn, 2 pcs	01011-MV
Spare instrument with Al ₂ O ₃ bead for opaques and liners, 1 pc	01020-MV
Spare instrument with double Al ₂ O ₃ bead for opaques and liners, 1 pc	01025-MV
Batteries 1.5V – AAAA, 2 pcs	01030-MV
Assortment of screws, hexagonal wrench, o'rings	01040-MV
Micro-Vibes, micro-motor complete module, 1 pc	01100-MV





▲ OPTION 1

Smile Line proposes a tip with the same design as for the plastic spatula, but realized out of a material owing peculiar properties: horn. This natural fiber offers big flexibility and excellent vibrations transmission at the same time.

➤ **OPTION 2**You have the possibility to order separately a very special tool provided with two ends equipped with the two different Al₂O₃ beads: the regular 2mm bead and the 1mm diameter bead, very useful for interdental spaces.

COMPO CUBO

GREAT COMFORT FOR COMPOSITE HANDLING



Description	Item no.
Compo Cubo complete set	4600
Compo Cubo mixing slab	4600-1
Compo Cubo stains segment - 9 wells	4600-2
Compo Cubo liquid & sponge segment	4600-3
Compo Cubo lid	4600-4
Compo Cubo spare sponges, 3 pcs	4610
Instruments: see page 42	

COMPACT, USER-FRIENDLY AND COMFORTABLE

Compo Cubo was created for providing the greatest possible comfort when working with light-curing composites. Out of solid polyurethane (PU), Compo Cubo is composed of 4 independent segments offering full working freedom.

Segment 1: The base -solid and stable- allows to condition/mix the composite – the surface out of PU is non-sticky and is ideal for the composite.

Segment 2: The second segment provides 9 wells intended for the storage of the stains.

Segment 3: The third combines 2 depressions for the liquids and a sponge compartment, very useful for wiping off any excess of liquid on the instrument.

Segment 4: Finally the lid protects the conditioned materials from dust and light.

Compo Cubo is extremely compact (72x72x72mm) and needs just a small space in your drawer. In case you wish to personalize your Compo Cubo, you can order each segment separately.





CLEAR HANDLE



CLEAR HANDLE COLLECTION

HIGH-END KOLINSKY BRUSHES AND PORCELAIN INSTRUMENTS



Description	Item no.
CHB spare tips #8-R, 2pcs	1911
CHB spare tips #8-LT, 2pcs	1911-A
CHB spare tips #8-R + #8-LT (1 of each)	1911-B
CHB spare tips #8-Big, 2pcs	1911-C
CHB spare tips #6, 2pcs	1921
CHB spare tips #6-Big, 2pcs	1921-C
CHB spare tips #4, 3pcs	1931
CHB spare tips #1, 5pcs	1941
CHB spare tips #3/0, 5pcs	1951
CHB Dust, spare tip, 1pc	1961

Since more than 10 years, thousands of ceramists throughout the world have been faithful to this iconic product line. The collection of brushes "Clear Handle" is made from first choice and severely controlled Kolinsky sable hair. This offers you the confidence of the best possible quality: a **very sharp and stable point** as well as a **superior hair resilience**. With a concern for durability and rationalization, Smile Line has developed all sizes with **exchangeable brush tips**.

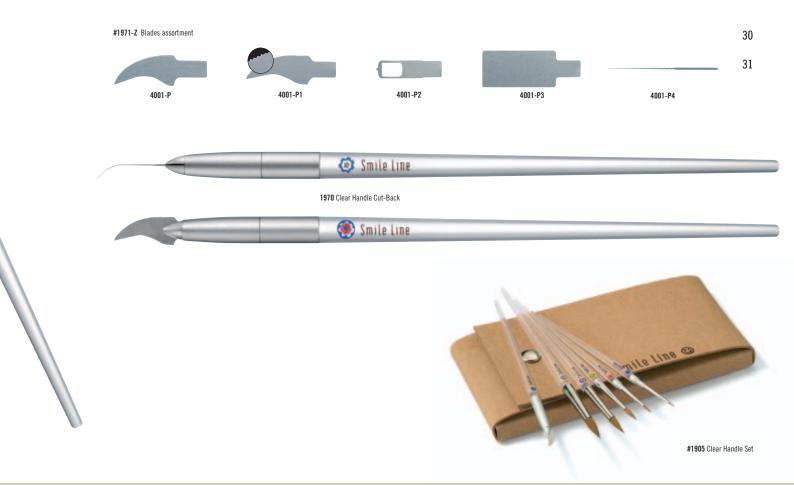
ADAPTED TO YOUR WORKING STYLE

The shape of your brush tip matches your build-up technique or style and this is the reason why we propose not one but three different shapes of #8 brush tips: The "Regular" which is the best seller, the "Long

Tip" for who prefers a tip even longer and sharper and finally the "Big" for who wants a thicker and more rigid tip.

The Cut-Back Instrument in the "Clear Handle" collection allows you all options

of reduction, sculpture and separation in unfired porcelain. It automatically comes along with its assortment of x-thin tools (see below).



Description	Item no.
Clear Handle Cut-Back Instrument, incl. blades assort. #1971-Z	1970
Clear Handle Cut-Back Instrument (2pcs), incl. blades assort. #1971-Z	1975
Spare blades s	ee page 42
Complete set of Clear Handle instruments, incl. one instrument of each:	
#1910, #1920, #1930, #1940, #1950, #1970, #1971-Z, in leather holder	1905
Assortment of Clear Handles Brushes, including 1pc of each: #1910,#1910-A, #1920, #1930, #1940, #19	50 1900
Empty leather fibre holder, beige	1999

CLEVER SPIDER

DEVICE FOR PRE- AND POST-SOLDERING

Smile Line's pre- and post-solder spider allows you to work in the easiest and most consistent way possible.

REFRACTORY ALLOY

The Spider is absolutely stable and produced from a refractory alloy which is ideal for its application. Designed in a reinforced arch form, it provides one retentive peg per tooth and all pegs can be bent and unbent for adaptation to the framework. This special technique allows you to work with **less investment material** (time and money savings) and offers the great advantage of **limiting heat absorption.**

ADDITIONAL ACCESSORY USE

Because of its design and conception, the spider is also very much indicated for firing porcelain bridges (PFM or full ceramic).





Description	Item no.
Pre- and post-solder spider, twin-set, upper and lower, 2 pcs	9060
Pre- and post-solder spider, upper, 1 pc	9061
Pre- and post-solder spider, lower, 1 pc	9062

HOLDING GEL

GEL FOR TEMPORARILY FIXATION

EASE OF USE

A small drop on the die is enough for holding very well – and temporarily – your delicate porcelain veneers as well as your full-ceramic restorations on the model. This gel is essential for checking the contact points, for the application of correction powders with great ease and for restorations that oppose each other.

Transparent, so it doesn't alter the shade – it completely dissolves in water and doesn't leave any residue after firing.



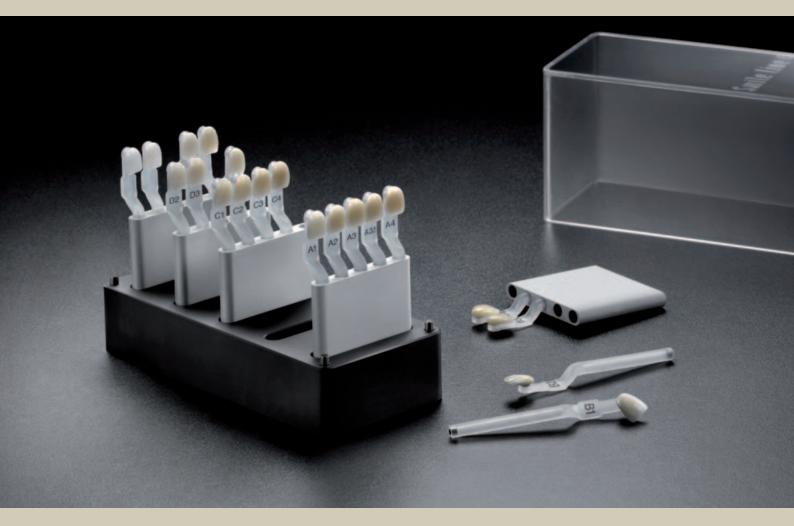
Description	Item no.
Holding gel, 2x 6ml	5110

MY SHADE GUIDE

CREATION OF YOUR PERSONALIZED SHADE GUIDE

Shade guides supplied by the industry are commonly used in today's laboratory. The limits of such shade guides are well known: on one side, the material used for their making is not the one which you have in your bottles (approximate reliability) – this often leads to difficulties of interpretation which could mean a risk for the final result. On the other side, the accuracy of shade taking is not always easy: neither the thickness nor the layering of the industrial samples correspond to the every day reality in a dental laboratory.

With My Shade Guide, the aim of Smile Line is to offer you the possibility to create your own **personalized shade guides based on your daily reality**. As much the samples you'll produce can be basic (one powder), as much there is no limit to the possibilities of layering.



Description	Item no.
My Shade Guide, complete set including: 1 solid alu. base with PC lid, 5 aluminium holders,	
25 magnetic sticks/clips, 1 synthetic rubber mould, 1 porcelain separating fluid,	
2 build-up glass slabs, 2 x-thin blades	7500
Magnetic sticks/clips, 100pcs	7520
Clips, 100pcs	7525
Synthetic rubber moulds, 2pcs	7530
Aluminium holders, 5pcs	7540
Build-up glass slabs, 5pcs	7550
X-thin blades, 2pcs	7560
Porcelain separating fluid, 2x 8ml	7570
Empty solid aluminium base with PC lid	7590

PRECISE - ELEGANT - ERGONOMIC - PROFESSIONAL

The concept My Shade Guide provides all components, tools and accessories for the making of your porcelain samples to be used for the realisation of your high-end and unique personalized shade guide.

My Shade Guide is not only a tool for easier and more accurate shade taking, it is also an incredible didactic tool allowing to the apprentice as much as to the expert a better understanding of his assortment of porcelain powders.

real shades - layering flexibility - didactic - ergonomics - easy - magnetic

Note: we have explained here the incredible possibilities for producing a personalized porcelain shade guide. My Shade Guide can be used also for other materials like for instance composites.



- ▲ The accessories supplied with My Shade Guide allow a very easy making of all your porcelain samples.
- ▲ 1 Stick
- 2 Clip 3 Porcelain sample
- 4 Magnet
- 5 Stop collar 6 Anatomic design 7 Marking surface

PORCELAIN SAMPLER

A LOGICAL DEVICE FOR THE PRODUCTION OF PORCELAIN TABS

This very precise tool allows you to produce porcelain tabs of a determined thickness **from your personal blends** in a very simple and professional way. It is also extremely useful as well for **porcelain firing tests**.

The porcelain portionners allow you to take the exact volume of ceramic powder out of the bottle. They are a need for all precise measurings. Portions taken are of 50, 25, 5 and 1 (mm³) depending on the instrument end chosen.

The black tablets are out of laminated crad stock and give you the possibility of gluing and indexing all your porcelain tabs for complete customization.



Description	Item no.
Complete kit, incl. sampler, portionners 50-25 and 5-1, indexing tablet	7010
Sampler only	7015
Indexing tablet, 5pcs	7016
Portionner 50-25	4010-A
Portionner 5-1	4010-B

THE CUBE

COMPACT ALUMINIUM CABINET

This small solid aluminium cabinet is very compact (150 x 150 x 150 mm). Initially, it has been specifically designed for tidying the wax-pontics.

It is obviously also ideal and convenient for placing many other kinds of objects, like for instance attachments, small screwdrivers or other implants accessories. This is the reason why we propose it empty to you, without the wax-pontics.

In its basic execution, it is supplied with 6 drawers, all of them equipped with a tray with 9 compartments. As an option, there are additional drawer configurations available (as per drawing below).





Description	Item no.
THE CUBE, solid aluminium cabinet anodized natural color (150x150x150mm) with 6 drawers	
of 9 compartments, empty	2599
The Cube black, same model, anodized black color	2599-B
Drawer tray with 3 compartments,140x42x19 mm, set of 3pcs	2591
Drawer tray with12+1 compartments, 3pcs	2592
Drawer tray with 8+1 compartments, 3pcs	2593



INSTRUMENT BY SMILE LINE



INSTRUMENT by Smile Line

THE ULTIMATE IN MATTER OF DESIGN AND ERGONOMICS

Outstanding, exclusive and custom tailored, INSTRUMENT by Smile Line is 100% modular.

MANUFACTURING – Each combination requires more than fifty operations before being carefully controlled and packed. The mechanical parts are manufactured in Switzerland by specialists in watch and machinery making and all tips are of the highest quality and of certified European production.

The handles constitute the universal platform of the line. They are available in different sizes and shapes, either out of black anodized aluminium (see here undera) or out of precious wood (p. 45). Thousands of combinations are possible for the creation of your personal instruments.

For those who prefer it, Smile Line also offers ready mounted instrument sets which you'll discover on page 43.







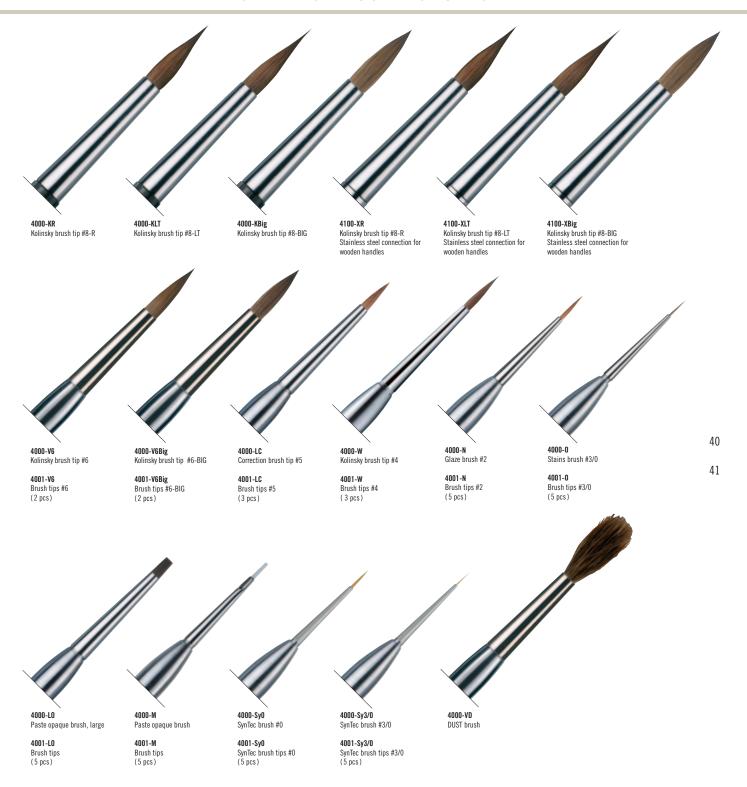




BASE MODULES



CERAMIC BRUSH MODULES

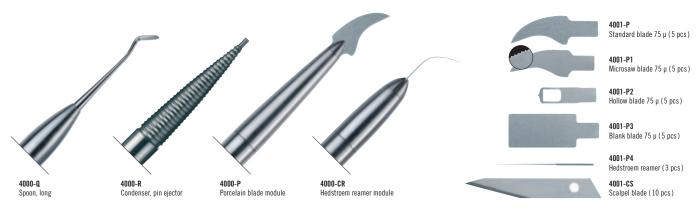


CERAMIC INSTRUMENTS MODULES



p.42 - continues

CERAMIC INSTRUMENTS MODULES



4001-Z Blades assortment, 1 pc each

UNIVERSAL & WAX INSTRUMENTS MODULES



COMPOSITE INSTRUMENTS MODULES



COMPOSED INSTRUMENTS SETS

You may wish to save the time for selecting all the single components. For that reason, Smile Line proposes three ready mounted instrument sets, all provided with an elegant leather holder.

The illustration here under presents the "porcelain instrument set" which is composed of the popular classics. Of course, at any time you'll have the possibility to take apart all the components and remount them in a configuration which could better suit you.

Besides the porcelain oriented instrument set, Smile Line offers a "wax instrument set" as well as a "composite instrument set" (no illustration) for which you'll find the detailed contents at the bottom of the page.



CERAMIC INSTRUMENTS SET	#4050-N
Composition: 4000-A-KR-R, 4000-A-OP1-OP2, 4000-A-BS-SG1, 4000-AS-P-Q,	
4000-AH-W, 4000-A-N-O, blades asst. 4001-Z, grey leather holder	
WAX INSTRUMENTS SET	#4060
Composition: 4000-A-B-CS, 4000-A-D-B, 4000-A-E-F, 4000-A-G-H, 4000-A-I-J, 4000-A-S-T,	
grey leather holder	
COMPOSITES INSTRUMENTS SET	#4070
Composition: 4000-AH-S1, 4000-AH-S2, 4000-AH-S3, 4000-AH-R1, 4000-AH-R2, 4000-A (2pcs),	
grey leather holder	

PRECIOUS WOOD

PALISSANDER, EBONY, VIOLETT WOOD



Sensuality and special feeling of precious wood

In extension to the black anodized aluminium handles, Smile Line proposes an assortment of wooden handles. A choice of three different species is available while three different shapes/sizes are possible. The handles are of course all compatible with the whole program of tools described on pages 40-42.

The violett wood provides a remarkable contrast in the veins. It is hand polished for a fantastic surface finish. Palissander's color is warm brown, with tones playing between caramel and cinnamon. The soft, mat finish provides a beautiful silky touch. Ebony of Mozambique is a very dark and deep brown wood, often almost black. Just as violett wood, it is hand polished for a smooth surface finish.





Note: our wood suppliers work exclusively with authorized and certified materials.



4100-DPAs Dust brush mounted on palissander short handle 4100-DVIs Dust brush mounted on violett wood short handle

4100-DEBs Dust brush mounted on ebony of Mozambique short handle 4010-DAs Dust brush mounted on black anodized aluminium handle

IMPLANT DRIVERS

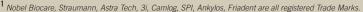
IMPLANT DRIVERS FOR LABORATORY

Smile Line reaches a new standard and introduces 8 different drivers compatible with the most popular dental implant systems on the market: Nobel Biocare¹, Straumann¹, Astra Tech¹, 3i¹, Camlog¹, SPI¹, Ankylos¹, Friadent¹. Every driver is available in **two lengths**, standard or extra-long. For an easy and immediate identification, each driver is color coded. In addition, the Station allows you to **centralize all your drivers at the same place in your laboratory.**

Depending on your demands, Implant Drivers are available in separate components so you can build your personal assortment and order the specific drivers you need. The complete set comprising all drivers ready mounted (standard length) plus one solid aluminium Station is another option.

Personalization – modularity. For the creation of your own personal drivers, ends can be ordered alone (i.e. without handle). You have the benefit, if you desire, to mount an individual driver on the precious wooden handles (see page 45). Another available option is the Station constructed of black anodized aluminium.

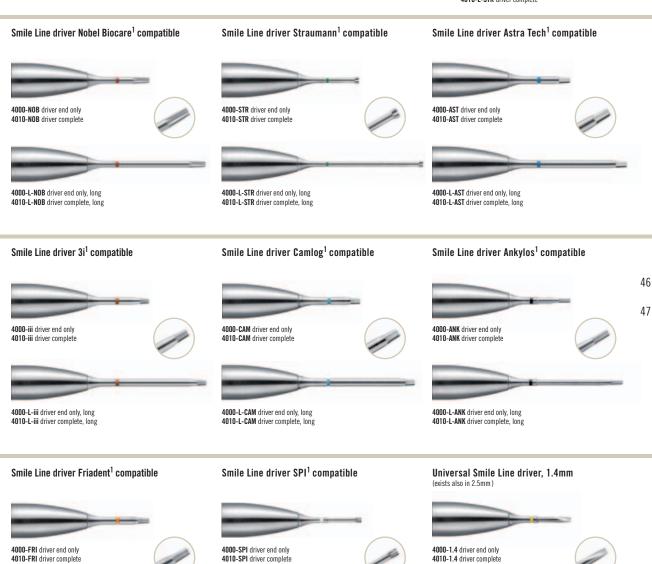




Description	Item no.
Implant-Drivers Station, complete set incl. 8 implant drivers (standard length)	
and one solid aluminium cube, nature anodized	4300
Aluminium cube-station, nature anodized	4301
Aluminium cube-station, black anodized	4302
Dynamometric key	4310

Two solutions are possible for ordering your implant drivers, as shown in the example below: already mounted (4010-L-STR) or composed with separate modules (4000-BC + 4000-AS + 4000-FRI).





DYNAMOMETRIC KEY

4000-L-FRI driver end only, long

4010-L-FRI driver complete, long

For an optimal precision when tightening the screws of your implant works, Smile Line has developed a dynamometric key which is adaptable to its drivers. The controlled torque is of 9 Ncm. Each key is supplied with one adaptor (4000-BD) compatible with all Smile Line handles.



4000-L-SPI driver end only, long 4010-L-SPI driver complete, long





4000-L-1.4 driver end only, long 4010-L-1.4 driver complete, long

4000-BD Handle adaptor

¹ Nobel Biocare, Straumann, Astra Tech, 3i, Camlog, SPI, Ankylos, Friadent are all registered Trade Marks.

JP TECHNICAL LIQUIDS

PORCELAIN SEPARATOR - WAX SEPARATOR

PORCELAIN SEPARATOR KIT

This combination of technical liquids JP44 and JP31 brings an incredible comfort of work, for all cases in which you must separate porcelain from stone – porcelain margins or pontics.

JP44 "Stone Hardener" seals and hardens the surface of the stone without creating any thickness. JP31 "Porcelain Separator" is applied with the brush or more precisely thanks to the pen. Its separating action is almost magical.

WAX SEPARATOR

In another account, JP52 "Wax Separator" is a universal and high temperature separator for wax. By "high temperature", we must understand that JP52 is also applicable in the case you produce your porcelain margins by following the wax/porcelain technique.



Description	Item no.
Porcelain separator kit, including: 1x Stone Hardener 5010, 1x Diluent 5011,	
1x Porcelain Separator 5020, 1x Porcelain Separator pen 5025	5001
Stone Hardener & Sealant JP44, 20ml	5010
Diluent for Stone Hardener & Sealant, 20ml	5011
Porcelain Separator JP31, 20ml	5020
Porcelain Separator JP31, pen, 7.5ml	5025
Wax Separator JP52, 20ml	5030

ZIR.CARE

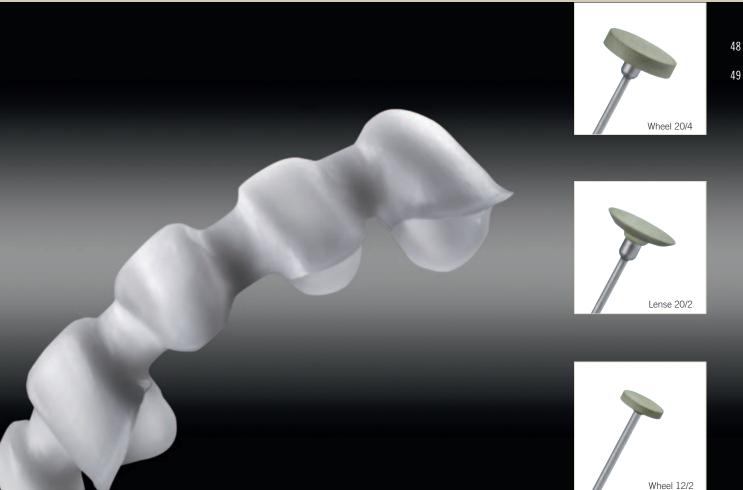
SINTER DIAMOND FOR ZIRCONIA OXIDE

From the first moment you begin working with Zir.Care, you'll experience new sensations: efficacy, softness and comfort as you have never seen.

Zir.Care is in fact multi-functional: due to the number and shape of the diamond grains, it is engineered for zirconia oxide grinding and its use on layered porcelain is just amazing!

Zir.Care is not manufactured from the traditional channels of diamond disc producers in the dental industry. Instead, it is the object of specific and exclusive development with and for Smile Line.

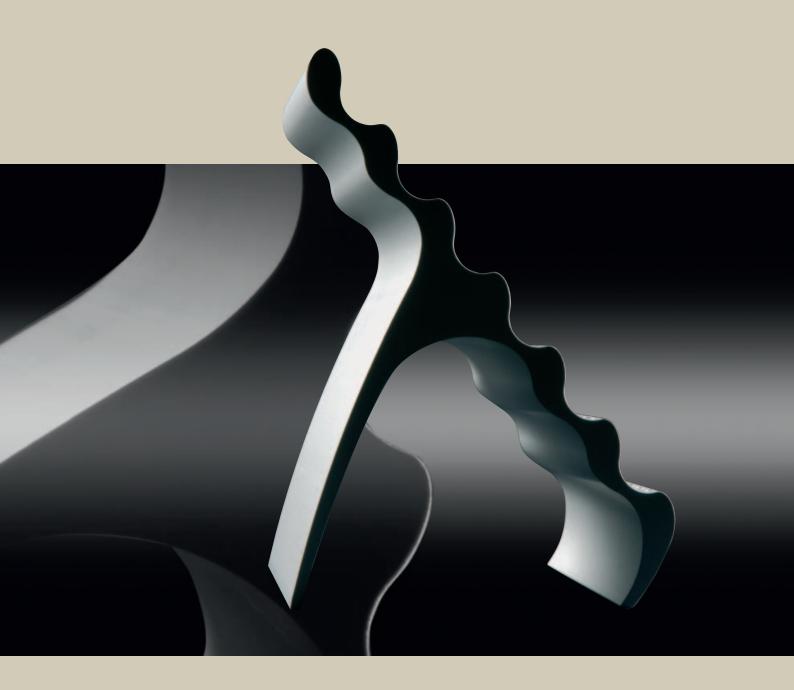
- fantastic grinding efficacy
- fine grain tool
- durability
- excellent on zirconia oxide as well as on layered porcelain



Description	Item no.
Zir.Care, kit of 3 sinter diamonds for zirconia oxide & 1 cleaning stone	ZC-00-asst
Zir.Care, sinter diamond, wheel 20x4mm	ZC-20W
Zir.Care, sinter diamond, lense, 20x2mm	ZC-20L
Zir.Care, sinter diamond, wheel small, 12x2mm	ZC-12WS
Zir.Care Cleaner, cleaning stone	ZC-cleaner

ORGAN.EZ

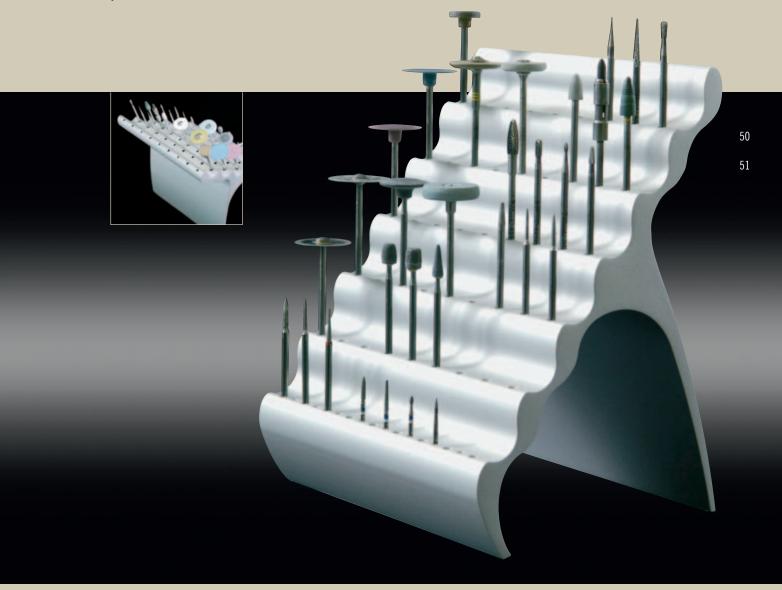
SOLID ALUMINIUM BURSTAND



ORGAN.EZ allows you to **systematically arrange** your burs, diamonds, polishers with a simple notion – knowing instantly where to find them instead of having to search.

Made out of **solid aluminium**, ORGAN.EZ is very stable where you place it. For a maximum comfort when taking or replacing the burs, the entrance of each hole starts with a slight angle.

A maximum of 63 instruments with a shaft 2.35 can be placed. On the first level, you'll notice 8 additional holes intended for the placement of your air-turbine burs.



Description	Item no.
Organ.ez, solid aluminium burstand	8100

PILOT LAB

A LOT MORE THAN JUST A PILOT LAB

Since the beginning of the Smile Line adventure, Jan Kaech has been a part of our surroundings and we would like to thank him warmly for all his precious help.

A ceramist based in Thoune, Switzerland, Jan has validated prior to launch all products thought by Smile Line and pictured in the present catalog. Gifted with outstanding technical skills, exacting and hard to please, Jan is unceasingly looking for rationalization, for "how to be better and faster". In several cases, his partnership went far beyond validation tests: he is among others the designer of the Architect wax facings and occlusal surfaces as well as the perfect geometry of the wax pontics is his signature.

Before the launch of a new product to the market, Jan Kaech is our certainty that Smile Line offers a real plus to the end user.



You have just discovered the philosophy of Smile Line and we hope some of our passion as well.

Don't wait – contact the Smile Line partner for your country today: the contact information is on the back of our catalogue. Should no other address be mentioned, don't hesitate to send us a short e-mail (mail@smileline.ch) or fax (+41-32 944 22 45). We'll be happy to help you.

You may also wish to visit us on internet (www. smileline.ch) where you can check out the rubric "Dealers".

Also, we would like to use these last lines for warmly thanking everyone who takes part in the development of Smile Line, or simply making our existence possible: all of our qualified and motivated employees, pilot-labs, subcontracting companies, importers, enthusiastic salespeople and finally, most importantly – you, the end user.





Smile Line — Switzerland

Smile Line Sàrl

Z.I La Clef 5

PO Box 229

 $\text{CH-}2610 \text{ St-Imier} \cdot \text{Switzerland}$

T +41 32 944 22 44

F +41 32 944 22 45

mail@smileline.ch

www.smileline.ch

