



- This quote probably makes sense for you due to the amazing changes and evolution in our technology during the last several years. In order not to be rapidly overtaken, everyone had to make decisions and choices for their future.
- It is not only focused on technical choices. These choices also concern the human factor and the communication aspects. More than ever, if the aim of the industry is the research for excellence, then a strong partnership and real teamwork between the laboratory, the dental office and the patient are the main focus of your preoccupations.
- It is with this strong belief that Smile Line keeps on innovating and presents new instruments and accessories original and unique, to be discovered through the pages of this catalog.
- If the success of any company is closely linked with innovation and promotion of projects, passion is the engine for setting them up. More than anything, we wish that this passion accompanies you every day, just as it is the case at Smile Line!
- With our best wishes of success and wishing you an enjoyable reading experience.

Olivier Schaeren Smile Line CEO "The future is not what is going to happen to us but what we are going to do"

(Henri Bergson 1859-1941)





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100% Modular

HANDLES

### Excellence and ergonomics

Outstanding, exclusive and custom tailored, **Instrument by Smile Line** is 100% modular and allows you the possibility for almost unlimited combinations to complete your selection.

On more than 10 pages, we unveil the ultimate in matter of porcelain instruments, starting here under with the a wide variety of choice of handles.

All are manufactured with an extreme care out of **highest quality noble**materials: anodized black aluminum, carbon fiber and three different precious wood species.

Select what best matches with your personality and taste.



Our brushes selected out of first and finest quality Kolinsky hair are your everyday companions in your search for excellence.

Our spatulas, layering or cut-back tools, tweezers have become essential tools for thousands of ceramists worldwide.



4100-XR Kolinsky brush tip #8-R

4100-XLT Kolinsky brush tip #8-LT

4000-V6 Kolinsky brush tip #6

4001-V6 [2 pcs]



4001-W [3 pcs]



module, S. Mosconi

4000-MOS Kolinsky brush tip #3

4001-N (5 pcs)



**4001-0** [5 pcs]

4000-0 Stains brush #3/0



4000-VD DUST brush module



4000-ZR 4001-0P1 Zircone spatula module Refill beads (2 pcs)



Refill beads (2 pcs)

module, large Al<sub>2</sub>O<sub>3</sub> 4001-0P2

Opaque instrument

4000-0P2



Condensor, pin

4000-0 Spoon module, long

4010-SG1-N Complete instrument 4000-A + BS + SGI-N

4000-SG1-N Soft-Grip module,

single

Blades assortment

4000-SG2-N Soft-Grip module,

4010-SG2-N

4000-A + BS + SG2-N

Soft-Grip module, 4010-SG3-N

Complete instrument 4000-A + BS + SG3-N

4001-ZN Blades asst.,

1 pc each

4000-SG3-N



4000-L0 module, large **4001-L0** (5 pcs)

Brush tips

4000-M module, small

**4001-M** [5 pcs] Brush tips



4000-Sy0

SynTec brush #0 module **4001-Sy0** (5 pcs)

SynTec brush tips #0

4000-Sy3/0 module

porcelain module. graduated 0.5 mm **4001-Sy3/0** (5 pcs) SynTec brush tips #3/0

4000-STE



4000-GUM-S Brush module for gingiva characterisation,



4000-GUM-H Brush module for gingiva characterisation,

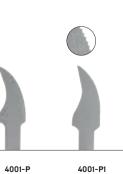


4000-P Flexible spatula 0.1 mm module module





4000-CR module



75 μ (5 pcs)



75 μ (5 pcs)

4001-P2

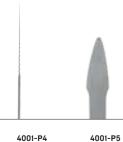
75 µ (5 pcs)



4001-P3

Blank blade

75 µ (5 pcs)



4001-P4 reamer [3 pcs]

spatula 0.1 mm (5 pcs)

Flexible

# PORCELAIN INSTRUMENT SET

Simply because you have passion for what you do

The "porcelain set" is tailored to your needs. Part of the tools are pure Smile Line developments and innovations (ZR spatula – opaque instrument – Soft-Grip – condensing instrument). Some are more traditional like for example the cut-back tools (xx-thin blades – file– spoon). Finally the quality of the Kolinsky brushes is the highest and of best selection. Each Kolinsky brush tip is severely quality controlled according to new strict standards implemented with our partner Pinselmeister.

We are convinced that this tool kit will follow you during years of creating dental artistry. You are going to arouse envy around you!

Important information: for those of you who prefer creating their dental artwork with our exclusive N.era brushes, the same instrument set exists in a "N.era configuration" instead of Kolinsky.



	Description	Item no.
	Porcelain instrument set, highest quality Kolinsky brushes (#8-R and #3/0), total 8 tools for 6 black anodized aluminum grooved handles, assortment of x-thin cut-back blades, micro-fiber tissue	14050-KN
	Porcelain instrument set, with N.era fiber brushes (#8 and #1), total 8 tools for 6 black anodized aluminum grooved handles, assortment of x-thin cut-back blades, micro-fiber tissue	14050-NN
	Empty instrument case, mat laminated cardboard, closure with magnets, micro-fiber tissue	14999
i create we create		

### **EQUILIBRIUM**



Description	Item no.
Equilibrium, instrument stand (instruments not included)	14002

Made in Switzerland out of high quality stainless steel, aluminum and composite panels.

Its construction and **specific cantilever design** make it so elegant and unique. On your bench it doesn't leave anyone indifferent!





### **FLEXMOUNT**

### Simple - as the great ideas



For a Smile Line brush: with a gentle snap, you activate the front part of your brush tip and "accelerate" the required moisture from the brush belly towards the point, re-shaping it in the same time.

For the ZR spatula: FlexMount works as a shock absorber and allows for maximum comfort and feeling during mixing of porcelain or stains, preserving in the same time the thin ZR spatula.



FLEXIBLE CONNECTOR



FL-4000 Flexible connector (2 pcs)





Zirconia mixing

connector

spatula, on flexible

Kolinsky brush tip #6,

short ferrule

Note: for the FlexMount concept we developed brush tips equipped with a shorter ferrule to increase the spring/elasticity.

#8R, short ferrule

For allowing you to take advantage of the FlexMount technology, we offer you different executions of ready mounted instruments sets. Each contains a ZR spatula and a porcelain build up brush – all details and references on the right.

CARBON FIBER



Zirconia mixing

spatula, module



ANODIZED ALUMINUM

N.era brush tip #8,

short ferrule (2 pcs)

CARBON FIBER handle sets:	Item no.
Instruments for ceramic, set of 2 (Kolinsky brush #6 & zirconia spatula) on flexible connector – Carbon fiber handles	FL-14150-CA6
Instruments for ceramic, set of 2 (Kolinsky brush #8R & zirconia spatula) on flexible connector – Carbon fiber handles	FL-14150-CA8K
Instruments for ceramic, set of 2 [N.era brush #8 & zirconia spatula] on flexible connector – Carbon fiber handles	FL-14150-CA8N
BLACK ANODIZED ALUMINUM handle sets:	Item no.
BLACK ANODIZED ALUMINUM handle sets:  Instruments for ceramic, set of 2 (Kolinsky brush #6 & zirconia spatula) on flexible connector – Black anodized aluminum handles	Item no. FL-14150-6

Kolinsky brush tip

flexible connector

#8R, short ferrule, on

N.era brush tip #8,

on flexible connector

Instruments for ceramic, set of 2 (Brush N.era #8 & spatula zirconia) on flexible connector – Black anodized aluminum handles

short ferrule,

13

FL-14150-8N

Kolinsky brush tip #6,

on flexible connector

short ferrule,

6-CAPPUCCINO

8-MACCHIATO

Beyond the references of precision for porcelain build-up!

N.era represents "nera" (black in Italian – the color of their ferrule) or "new era". Smile Line's N.era porcelain brushes are made out of an artificial filament of a new era, exclusive and never seen yet in our industry. We are talking here of a polyamide type filament which undergoes several special chemical treatments.

It clearly becomes a challenge to find another brush that has a tip that sharp, stable, and resilient in the same time in daily operation! Our pilot laboratories and users speak highly about N.era and are very enthusiastic about this innovation. N.era brushes are setting a **new working** comfort and new possibilities for the precision during porcelain build up.

Other unique and very interesting advantage: it is enough to thoroughly clean a N.era tip with the steamjet for regenerating it. It will spring back into the original shape and this is what makes a N.era brush's life long, very long.

4200-Asst

N.era brush complete set: 8-Macchiato, 6-Cappuccino, 4-Moka, 1-Ristretto

**4200-8** N.era #8 Complete brush **4200-6** N.era #6

4201-8 Spare tips N.era #6 (2 pcs) Spare tips N.era #8 (2 pcs)

**4200-4** N.era #4

Spare tips N.era #4 (2 pcs)

4200-1 N.era #1

1-RISTRETTO

4201-1 Spare tips N.era #1 (2 pcs) Aluminum handle - Macchiato 4000-AH-MAC Aluminum handle - Cappuccino 4000-AH-CAP Aluminum handle - Moka 4000-AH-MOK 4000-AH-RIS

७ अमार शामर

### **N.ERA BRRRUSH**

While bRRRush is using the revolutionary N.era tips, a unique "vibe zone" has been machined on its handle.

When letting the nail of your forefinger stroke back and forth on the surface, you create a micro-vibration which propagates up to the very end of your brush tip. The small portion of porcelain on your brush will almost "detach" while transforming itself into a small drop very easy to apply to your build-up. A short video clip on Smile Line's website shows you how impressive it is.

The advantage of this technique lies in the fact that much less air is integrated in the porcelain during build-up, **synonimous with less porosities in the porcelain after firing – spectacular especially in the incisal area.** 



4200-bRRR-8 N.era bRRRush # complete brush

**4200-bRRR-6** N.era bRRRush #6, complete brush

6, N.era bRRRush # complete brush

4201-8 4 Spare tips #8 (2 pcs) S

**4201-6**Spare tips #6 (2 pcs) **4201-4**Spare tips #4 (2 pcs)

Pre-condense your porcelain right during its application



Description	Item no.
bRRRush aluminum handle	4000-AH-bRRR





4200-bRRR-1 N.era bRRRush #1, complete brush

**4201-1** Spare tips #1 (2 pcs)



On request of some customers, Smile Line has completed the N.era assortment with [Njoy]: colorful, full of joy and good mood... but also extralight N.era brushes!

[Njoy] handle is hollow, injected out of ABS-thermoplastic and overmoulded with a soft-touch silicone for a very nice grip.

### YOUR CUSTOMIZED SET

The [Njoy] concept allows you to **compose your own set of brushes according to your own tastes.** Enough to determine the color you wish to receive for each of the four sizes in the set – see item numbers on the right. Your Smile Line partner will be glad to compose your personal and customized set!

**Important:** N.era [Njoy] brushes have no interchangeable tips. We chose that option mainly in order to diminish the weight of the instrument. Of course, it has a positive impact on its retail price while keeping all the advantages of N.era.

 $H_2O$ 

# Hygiene, logic, ergonomic





 $\rm H_2O$  is the essential accessory which completes your porcelain working station, at the right or at the left of your mixing tray. This universal station allows you to **rinse your brush in fresh water**, to **smoothen** it in order to **give it the sharpest possible tip** on a viscose sponge and finally to store it, vertically dipped in water in an separate container.

All  $\rm H_2O$  components are independent, which means that you can change the water of the main container without having to touch the storage container... or vice versa. Thanks to the design of the base and the attachment of the storage container, you can decide the position in an angle of 60°, depending on your preference or of the fact your are left or right handed.



### Mojito

#8 **4200-M0J-8** #4 **4200-M0J-4** #6 **4200-M0J-6** #1 **4200-M0J-1** 

### Bloody Mary

#8 4200-BL0-8 #4 4200-BL0-4 #6 4200-BL0-6 #1 4200-BL0-1

### Sex on the beach

#8 4200-S0B-8 #4 4200-S0B-4 #6 4200-S0B-6 #1 4200-S0B-1

### Cosmopolitan

#8 4200-COS-8 #4 4200-COS-4 #6 4200-COS-6 #1 4200-COS-1

### Blue Lagoon

#8 **4200-LAG-8** #4 **4200-LAG-4** #6 **4200-LAG-6** #1 **4200-LAG-1** 

### ellow cal

#8 4200-YEC-8 #4 4200-YEC-4 #6 4200-YEC-6 #1 4200-YEC-1





Mindfulness choice



# The benefits of the nano-technology



Our latest model SlimPad is the synthesis of listening to all the demands and suggestions that came from our customers! We are quite proud of the final result proposed by our design team.

The most important specifications have totally been respected in design:

- Working base as flat and close as possible to the bench's surface:
   10 mm high only!
- Working surface as close as possible to the front part: 20 mm
- Very compact and minimalist design
- Laptop format easy and light to carry
- Stackable
- Removable lid
- Working surface of 240 x 135 mm

Wet'n'Dry SlimPad is supplied with a glass slab with six slots that have been precisely machined. Black PVA filter strips are inserted vertically for absorbing the liquid from the reservoir and bring it onto the surface for keeping your porcelain at the desired consistency for as long as there is liquid.

### NANO-hydrophobic

Along with your SlimPad, you will receive a small bottle of a revolutionary liquid: "NANO-hydrophobic solution". It is a chemically engineered product with which you can very easily treat the surface of your glass slab. By doing this, you drastically reduce the surface tension of the glass.

The impact on your prepared powders is absolutely amazing: instead of spreading out and compacting with the time, your porcelain masses keep a wonderful cohesion, the working area stays cleaner – in short working comfort is improved!







Tinto mixing trays allow you to store premixed products like stains or pasteopaques, protected from dust. Although they are of a traditional concept (dry tray, reinforced polypropylene), Tinto trays profile themselves with their unique design, ergonomy and compactness (118 x 118 x 25 mm). The lid is equipped with a panoramic transparent window made out of polycarbonate and allow you to recognize the contents of the tray at a glance.

Nowadays it is quite common that the same dental laboratory is using **several** brands of porcelains.

Tinto was thought in order to be **stacked one over the other**, saving this way much bench space. It will be childplay to indicate on the side with a marker the reference of the product on the inside.

Two models are available. The first has 9 wells of 18 mm diameter and a smaller deeper well for the liquid. The second model has 15 wells of 14 mm diameter as well as two small-deep wells for the liquid.

Tinto is supplied with two pieces, either two identical models, or one of each.

Compact and airtight





Description	Item no.
Tinto, set of 2 trays with 9 and 15 wells	1300
Tinto, set of 2 trays with 9 wells	1309
Tinto, set of 2 trays with 15 wells	1315





## SLIM PAD PRO - B

### MIXING PLATE FOR CERAMICS

### Purest egoism

Be curious. Ask the question "why" or "why not". All of this arises from an attitude, a philosophy and an intentionality. This is what allowed Smile Line to develop new trends. With passion and great enthusiasm.

SlimPad PRO is proof of it. It is with no doubt that the SlimPad PRO is the most exclusive ceramic plate on the market. Be the envy!

- Working surface out of tempered glass, 115 x 204 mm, black or white
- Wet'n'Dry hydration system with absorbing strips
- Base and lid: high precision machining in solid aluminum
- Surfaces: delicate sandblasting and anodization for a very soft touch
- Ultra-thin: the base is only 5.6 mm high (!)
- Ergonomic and very compact





26





Your SlimPad PRO in actual size 1:1 - Dimensions 235 x 165 x 11 mm

Description	Item no.	
SlimPad PRO-B build-up, complete set: container-lid, white glass slab with slots, 10 black filter strips	15100-BW (white)	
White glass slab with slots, 240 x 15 mm	15110-BW	
SlimPad PRO-B build-up, complete set: container-lid, black glass slab with slots, 10 black filter strips	15100-BB (black)	
Black glass slab with slots, 240 x 15 mm	15110-BB	
Black filter strips (10 pcs)	15120-B	
SlimPad PRO, recycled PET pouch for protection and transport of SlimPad PRO (see page 29)	15999	

# SLIM PAD PRO - Signal

### MIXING TRAY FOR CERAMIC STAINS

Today with new materials and milling possibilities, the staining operation requires an increased attention as it clearly represents a high added value to the final work.

SlimPad PRO-S was conceived with this philosophy, offering an increased number of wells for your colors as well as a generous mixing surface.

- White opaque mixing slab, 115 x 204 mm
- 25 wells + large and comfortable mixing surface
- Extended preservation time for stains consistency
- Base and lid: high precision machining in solid aluminum
- Surfaces: delicate sandblasting and anodization for a very soft touch
- Ultra-thin: the base is only 5.6 mm high (!)
- Ergonomic and very compact



Description	N°Art.
SlimPad PRO-S stains, complete set: container-lid, white opaque slab with 25 wells	15300-S
White opaque mixing slab with 25 wells	15310-S





Exclusive pouch, made out of recycled PET. The ideal complement for SlimPad PRO (protection – transport).







Superior quality Made in Switzerland

## SLIM PAD PRO - C:

### MIXING TRAY FOR LIGHT CURING COMPOSITES

SlimPad PRO-C: the outstanding and very exclusive mixing tray for working with light curing composites.

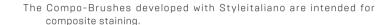
- Bicolour glass slab: black for composite conditionning and white for stains
- Materials once hard, easily taken off with the use of a spatula or a scalpel without leaving any residue
- Anti adhesive silicone insert for liquid (may be placed on the right or on the left) and small container with sponge for wiping off the excess of liquid on the instrument
- Base and lid: high precision machining in solid aluminum
- Surfaces: delicate sandblasting and anodization for a very soft touch
- Ultra-thin: the base is only 5.6 mm high (!)
- Ergonomic and very compact



Description	Item no.	
SlimPad PRO-C compo, complete set: container-lid, B&W glass slab, silicone insert with sponge	15200-C	
Black & white glass slab	15210-C	
Silicone insert with sponge	15220-C	
Spare sponges (5 pcs)	15230-C	
SlimPad PRO, recycled PET pouch for protection and transport of SlimPad PRO (see page 29)	15999	



### **COMPOSITE STAINING**



Their black synthetic fiber allow for **extreme precision with the best contrast.** A working quality superior to standard brushes you find normally in the composite kits. Brush tips hold by friction on their handle.

#000 Posterior brush tip can easily be bent by the user for a better access to the posterior areas.

Compo-Brush set contents two complete brushes and two replacement brush-tips of each model. Single brushes as well as brush tips refills are available separately.

Description	Item no.
Compo-Brush, set of 2 brushes and 2 spare tips ea. (2 x ANT & 2 x POST)	4650-Set
Compo-Brush, tips #000 for posteriors (50 pcs)	4651-POST
Compo-Brush, flat tips for anteriors (50 pcs)	4651-ANT



**4650-POST** Compo-Brush #000, complete

ST 4650-ANT

Brush Compo-Brush
mplete flat, complete



### COMPOSITE **INSTRUMENT SET**

INSTRUMENT MODULES FOR COMPOSITES



4000-S2

4000-S3

4000-R1

**4000-R2** Rubber #2, Cone,

4010-R2

Modular, comfortable and innovative

All these tools are exclusively made in Switzerland and have been specifically developed for modeling of light curing composites. The three spatulas are produced out of a resilient stainless steel. The two white tips are made out of synthetic rubber. They provide the great advantage of being totally nonsticky on composites and are a dream for modeling.

Composite instruments are an integrated part of the program "Instrument by Smile Line" and compatible with all the handles described on pages 6-7.

# i create... we create

### SILICONE MOULDS

### N-ARCHITECT POSTERIORS / ANTERIORS

Made out of transparent silicone, these moulds allow you to easily and rapidly produce your own wax or composite veneers.

The ANTERIOR assortment is a collection of beautiful basic shapes: triangular, oval, rectangular and includes a universal lower anterior form, all available in two sizes for a total of 8 moulds in the set.

Two upper and two lower sizes are supplied in the **POSTERIOR** set. These moulds are very useful for diagnostic wax-ups and they allow for a production efficiency far superior to many other kinds of methods for pressable ceramics.



2111 New Architect, set of 8 anterior silicone







### WAX INSTRUMENT SET

### INSTRUMENT BY SMILE LINE

Tradition, highest quality, manufacturing in Switzerland and in Europe exclusively. Wax instruments by Smile Line represent what is best in its kind. You will purchase the set once and your instruments will accompany you during many years of your dental artistry.

Note: all the modules shown on this page are obviously compatible with the handles on pages 6-7.

Highest quality in tradition



4000-D











# 36



Not included in

### HIGH PRECISION **WAXES**





POSITION wax, 30 g



Margin wax red, 30 g



wax light green, 30 g



Specially studied for allowing you to produce your own veneers by casting the wax into the silicone moulds. It is 100% organic. By slightly heating up a wax-veneer you have produced with this wax, you can adapt its shape without fear of breaking it.

### High Precision POSITION Wax

This wax is soft and sticky and allows you to fix the wax elements like veneers or occlusal tables you have produced thanks to the silicone moulds.

### 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 modeling 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.



Comfort and ergonomy



Smile Line driver Nobel Biocare | compatible

4000-NOB driver end only 4010-NOB driver complete

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



Smile Line driver Camlog

4000-L-CAM driver end only, long

4010-L-CAM driver complete, long

compatible

4000-CAM driver end only 4010-CAM driver complete

Smile Line driver 3i compatible

4000-iii-HX driver end only 4010-iii-HX driver complete

4000-L-iii-HX driver end only, long 4010-L-iii-HX driver complete, long

Available also with square head: replace HX by SQ on Item no.



Smile Line driver Straumann: compatible

4000-STR driver end only 4010-STR driver complete

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



4000-AST driver end only 4010- AST driver complete

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



Smile Line driver Friadent compatible

4000-FRI driver end only 4010-FRI driver complete

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



Smile Line driver Ankylos | compatible

4000-ANK driver end only 4010- ANK driver complete

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

Smile Line driver SPI compatible

4000-SPI driver end only 4010-SPI driver complete

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

40



4010-L-STR driver complete



Flat Smile Line driver, 1.4 mm (exists also in 2.5 mm)

**4000-1.4** driver end only **4010-1.4** driver complete

4000-L-1.4 driver end only, long 4010-L-1.4 driver complete, long Smile Line's implant drivers set has become **an essential accessory** in many dental laboratories.

It gathers 8 different models of screwdrivers compatible with the most popular dental implant systems on the market: Nobel Biocare, Straumann, Astra Tech, 3i, Camlog, SPI Ankylos, Friadent<sup>1</sup>.

It is interesting to understand that the set will provide a compatible driver tip for the screws of the majority of implant systems that are not on our list.

The set is supplied with regular length driver tips but you also have the possibility to order every individual driver tip separately, for example for creating your own set with x-long tips.

Item no.
4300
4301
4302



### SIDEKICK

### IMPLANT DRIVERS CLINIC



Nobel Biocare

Compatible driver

**D-400-N0B-S**, 8 mm

**D-400-NOB-M**, 13 mm

D-400-NOB-L, 25 mm

Friadent

Compatible driver **D-400-FRI-S**, 8 mm

D-400-FRI-M, 13 mm D-400-FRI-L, 25 mm







Compatible driver D-400-iii-S, 8 mm **D-400-iii-M**, 13 mm **D-400-iii-L**, 25 mm



Ankylos Compatible driver D-400-ANK-S, 8 mm D-400-ANK-M, 13 mm **D-400-ANK-L**, 25 mm

Compatible driver D-400-SPI-S, 8 mm D-400-SPI-M, 13 mm





Compatible driver D-400-AST-S, 8 mm D-400-AST-M, 13 mm D-400-AST-L, 25 mm



Camlog Compatible driver D-400-CAM-S, 8 mm D-400-CAM-M, 13 mm D-400-CAM-L, 25 mm



Flat driver 1.4 mm

D-400-1.4-S. 8 mm **D-400-1.4-M**, 13 mm

**D-400-1.4-L**, 25 mm





Sidekick's box of screwdrivers for implantology gathers 9 models (each available in 3 lengths) that are compatible with the most popular implant systems on the market. The aim is that you have available, anytime and immediately THE correct model and length of driver needed.

Thanks to the wide choice of proposed geometries, in 99% of the cases you'll find a compatible model with other brands of implants' screws. A smart clipping mechanism allows you to quickly assemble/disassemble the driver's tip and the (very compact) head.

For completing the concept, Smile Line has created a special clamp forceps which tip is perfectly designed to match the profile of the driver's head for extra tightening or difficult un-tightening. Its use is extremely comfortable with a direct access to the head's side without removing the driver from its place.

Smile Line's box of implant drivers is available in two executions: the "basic" set that includes one driver tip of each in the medium size (9 tips + 1 head) or the "master" set that includes one driver tip of each in the three sizes (27 tips + 1 head).

Should you prefer to compose your own customized box, you may order all the components individually.



Ergonomic, universal and comfortable



Description	itelli ilo.
Sidekick implant drivers set, inclu. 9 tips 13 mm, 1 head, aluminum box	D-430-Basic
Sidekick implant drivers set, inclu. 27 tips (8-13-25 mm), I head, aluminum box	D-430-Master
Sidekick aluminum box, empty	D-499
Replacement o'ring for driver's head, 5 pcs	D-403

### SIDEKICK CLAMP FORCEPS

The design of its jaws allows lateral access and grip of the screwdrivers! In short, much better comfort and ergonomics!





**D-402** Clamp forceps

### DYNAMOMETRIC KEY Adjustable: 15 / 20 / 25 / 35 Ncm

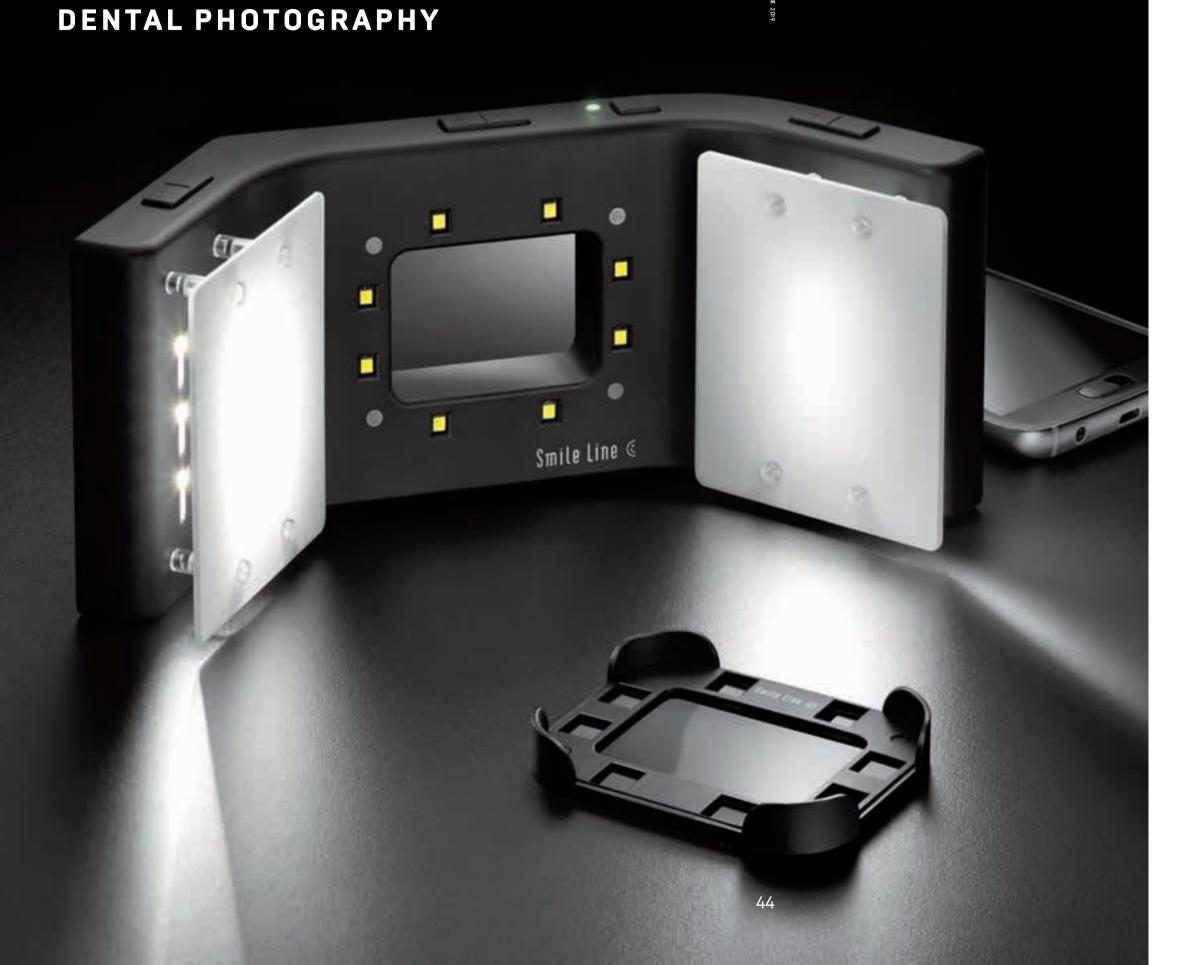


Thanks to its adapter (#D-491), this dynamometric key is compatible with all Sidekick's drivers tips. Note: owners of an original Straumann key will only need the adapter D-491 for being able to use all the Sidekick tips in any circumstances.



**D-490** Dynamometric key

**D-491** Adapter for dynamometric key



SHADE MATCHING AND



### SHADE MATCHING FOR THE SPECIALIST

Without the proper tool, shade-taking can become very risky and cause a source of failures when producing an aesthetic restoration. Several factors can influence an incorrect perception of true colors, like ambient light (intensity, quality) and the working environment. Even human factors like the level of stress or fatigue on the eye can cause shadetaking errors.

Smile Lite is a revolutionary tool which brings you reliability, simplicity and efficiency – it allows you to **drastically reduce the risk of mistakes during shade-taking.** 

Equipped with 5500°K LEDs (light emitting diodes), Smile Lite provides natural and neutral light, stable and reliable regardless of the time of the day or the weather outside. A Li-lon battery is integrated meaning that the device is easily rechargeable thanks to the mini-USB cable (cable and charger supplied in the set).

Light quality of Smile Lite allows you to determine with ease and security the hue, value and chroma of natural teeth.

The rectangular view finder through which the operator observes the teeth clearly limits the "working area" in order to avoid any outside interference.











With Style Lense polarizing



### Observe teeth as you have never seen before!

Inspired from the works of famous lecturers and clinicians, among them L. Vanini (1996) and S. Papazoglou (2016), together with our partner Styleitaliano (a group of passionate researchers and clinicians – www. styleitaliano.org) we developed a special polarizing filter that produces near to zero light interference easily adaptable to Smile Lite.

This "magical" filter amazingly annihilates light reflection (specular and diffuse) and allows the user to **observe the teeth in a totally new way:** easier appreciation of color, better understanding of the depth and transparencies, enhancement of the tiniest details and characterizations.

The live-polarization filter is packaged as a set with the Smile Lite. The filter can be attached to the Smile Lite with magnets, which allows for easy connection or removal.

Description
Smile Lite, complete set incl. Style Lense polarizing filter
Polarizing filter Style Lense





### **SMILE LITE MDP**

### MOBILE DENTAL PHOTOGRAPHY

New era for

photography

Smile Lite MDP is a plug and play device that is very easy to use and that doesn't need any special App, calibration process or specific education. It will allow you to drastically improve your results with the camera of your smartphone... very easily, simple, and compact.

Soon it will become a mandatory tool for you:

- Photos for shade taking
- Every day communication with the lab
- Short video clips
- Patients' documentation
- Artistic pictures



Smile Lite MDP can be considered as a "mini photo studio".

It is equipped with three groups of LEDs (light emitting iodes): each group can be lit up individually, while you also have the possibility to set the power of illumination thanks to a dimmer (four different steps of power).

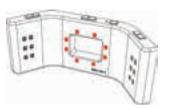
The back of Smile Lite MDP is equipped with a universal adaptor that is adjustable for any model of smartphone having a width between 55-85mm.

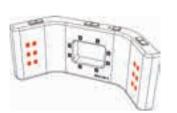


48

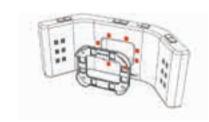


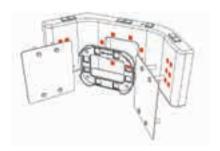
### The different lightings

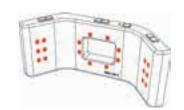












### ...and the results













### MESSAGE OF THE INVENTOR

Dear colleagues, dear friends,

After some 5 years of experiments with the use of smartphones in dental photography, I had the opportunity to start the development of Smile Lite MDP with the community Styleitaliano and the Swiss company Smile Line SA.

It is a huge pleasure and pride for me to introduce you a tool that development was 100% focused on dental photography with smartphones [MDP = mobile dental photography]. Smile Lite MDP is a total revolution for dental photography because of its extreme simplicity of use, the professional results it is possible to reach and also because of its economical aspect. When making the comparison with photography with an SLR (single lens reflex) camera, the Smile Lite MDP can be described as a mini photostudio that is able to cover the major needs of the user for:

- A ring flash
- A dual flash
- Photography with softbox
- Photography with a polarizing filter
- Photography using softbox and polarizing filter combined
- Short videos

On the previous page, you can discover a few examples of images that highlight the amazing possibilities when using a smartphone with Smile Lite MDP. After a very short time of tests and training, you too will be able to achieve such higly professional pictures.

Today on my opinion dental photographies are mandatory in every dental office, for the communication with a patient and with the lab and of course for your own patients' documentation! Smile Lite MDP has reached such a level of simplicity that it would be a pity to do without it.

I invite you to be curious, to enjoy playing with light and shadow and discover the phenomenal possibilities of the cameras on today's smartphones.

Wishing you a lot of pleasure at your first steps with Smile Lite MDP!

### Sincerely,

### Prof. Louis Hardan DDS, CES, DEA, PhD

Head Of Department Restorative and Esthetic Dentistry Saint-Joseph University, Beirut, Lebanon











Un-retouched images realized with smartphones + Smile Lite MDP.

### LATERAL DIFFUSERS (2 PCS)

Great for softening light and making surface texture more prominent.



Removes the reflection from the teeth and helps to determine the value of shade selection. It also helps to see the characterizations under the enamel layer.

### **FLEXIBLE ARM**

Flex-arm is wonderful for the clinician who wishes to capture short video clips. The clamp can be mounted either on the table or on a round tube support.

### MONOPOD

It will provide great stability when taking pictures.

### HARD CASE

The ideal protection when travelling with Smile Lite MDP.

### MDP ACCESSORIES



6610 Lateral diffusers



6620 Polarizing Filter



6630



6640 Mananag



6699 Hard Case



In partnership with Styleitaliano, a study group of passionate clinicians and researchers, Smile Line introduces on the market an assortment of very unique and innovative contrastors intended for intra-oral photography: Flexipalette.

Flexipalette is made out of a bendable copper sheet 100% overmoulded with a medical grade silicone rubber, latex free, safe and hypoallergenic.

- Flexipalette can be sterilized in autoclave at 135°C
- Flexipalette is absolutely opaque and reflection-free
- Flexipalette is gentle and soft in the patient's mouth
- Flexipalette can be folded in a 30° to 45° degree angle

When visiting Smile Line's website, you'll discover an instructive video-clip demonstrating you how to use Flexipalette and its great advantages.



Flexipalette (



Flexipalette Color Match











Without Flexipalette

# A must have for intra-oral photography



### **PHOTOCAD**

### A NEW GENERATION OF RETRACTORS





The innovative design of the Photo-CAD retractors allows for the best results with photography of the 4 quadrants and during digital impressions with Cad CAM systems. Photo-CAD can be ergonomically folded and adapted to the patient's mouth and to the needs of the photographer. They have a soft surface for the patients' best comfort. **The material is opaque, reflection-free** and can be sterilized.

Photo-CAD LOW is a totally unique tool which allows for the retraction of both the cheek and the tongue in the same use during an "occlusal" image capture of a lower quadrant. It allows to make the arch free by keeping aside the soft tissues. Photo-CAD LOW also makes optical scanned-impressions of lower preparations easier.

Photo-CAD UP is a cheek retractor which can be used every day. Its function when in use for dental photography will be to retract the vestibular soft tissues in the area upper pre-molar/ molar during "occlusal" image capture. It will be of great help too during optical scanned-impressions for Cad-CAM systems.

Description	Item no.
Photo-CAD, set of 3 pcs	PC-3100

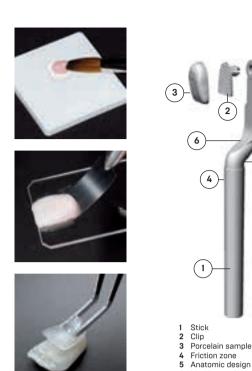
### MY SHADE GUIDE

Shade guides supplied by the industry are commonly used; although everyone agrees on the fact that often there is a lack of accuracy in color vs. the products used.

Our aim with My Shade Guide is to offer you the possibility to **easily make** your own shade guides based on your own reality. The set contains synthetic rubber mould, separator, all the small supports, sticks and clips and the box for collecting all the finished parts.

**Note:** My Shade Guide exists also in version for making teeth samples out of composite (specific mould) – all information available under www.smileline.ch

Create your own shade guide



### **SAMPLER**

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. It also allows you to produce precise and accurate tabs out of light curing composite.

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 I (mm³) depending on the instrument end chosen.

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

Sampler for porcelain and for composite









# IMPLANT BASE HOLDER

### Make your life easy

This new clamp forceps is designed with very innovative ends: two half-rounds creating a 1.4 mm cylinder with 90° neck when closed.

- 1) insert the tip into the implant base part.
- close the forceps = opens at the front and creates tension in the inside of the implant base for extremely tight holding.

Implant base holder is very useful and comfortable for cleaning the parts with steam-jet. It is also a huge advantage for the gluing operation of the crown on the base: according to manufacturer's instructions, hold the crown for a few seconds and leave it.

Thanks to the distance ring, the work will not be in contact with the table's surface during final setting.

Implant base holder allows for extremely fast, comfortable and secure work. A must have for any technician having to deal with implant works.



8800 Implant base holder





# UNITED COLORS OF D.VINCI

Clear identification of your powders during porcelain build-up

A very small quantity of United Colors added to your porcelain mix will brighten it with the selected color. When choosing a different color for each of the mass used, you'll have an **extremely precise and detailed perception of your build-up.** 

Thanks to the plasticity of the product you won't see the different colors mixing with each other. United Colors of D. Vinci fire without leaving residues.

**Caution:** It is important to extend the pre-drying time of the porcelain.

Supplied colors are concentrates and are not meant to be used pure – see also our video clip on www.smileline.ch







### MICRO-VIBES 2

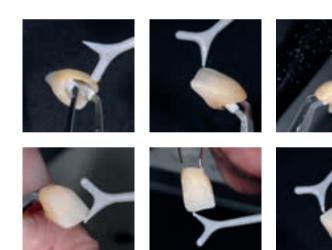
The Micro-Vibes is a pen size vibrating tool with exchangeable tips. Compared to a traditional brush for the application of pasty materials, it provides much more efficiency and consistency.

During the recent years, staining techniques have become very sophisticated with the arrival on the market of super performing milling materials. The Micro-Vibes used with the double-tip has no equal in matter of efficiency, precision and working comfort. It allows to apply the glazing or texture mass in a very uniform way, then the stains colors with an unbelievable precision... just in one firing!

The plastic spatula will be very useful for mixing ceramic powders (homogeneity – extract air bubbles) as well as for mixing/reactivating stains in their bottle or on the mixing tray.

No doubt you'll find numerous other applications for your Micro-Vibes:

- paste opaques
- liners
- investing
- interdental gaps closing







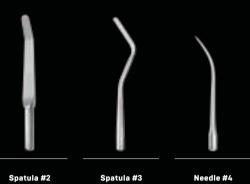
Efficacy / precision
New button allowing to work
also by little touches





# Description Item no. Micro-Vibes 2, complete set: Micro-Vibes, 1 double tip, 1 spatula, 1 battery AAAA 02000-MV2 Batteries 1.5 V - AAAA, 2 pcs 01030-MV Micro-motor complete module 02200-MV2

### Good vibes ...for your light curing composites too!



Micro-Vibes proves to be a magical tool for working with light curing composites, increasing their thixotropic properties.

- Better adaptation of the composite
- Less sticky surface, i.e. less inclusion of air bubbles
- Increased control of material thickness
- More precise adaptation

The needle and flexible spatulas shown here are not included in the basic kit Micro-Vibes 2. They have to be ordered separately as a set of 3pcs or as single units.

Description	Item no.
Micro-Vibes 2, Set of 3 tips or composites modelling	02100-MV2
Spatula #2	02102-MV2
Spatula #3	02103-MV2
Needle #4	02104-MV2

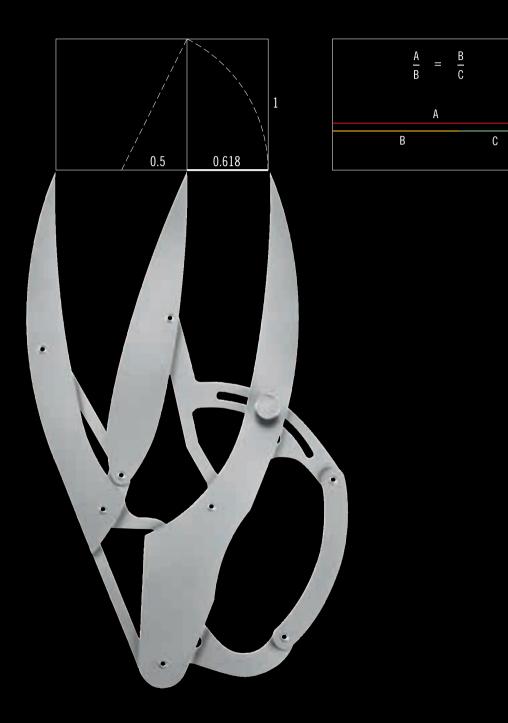




# GOLDEN SECTION DIVIDER

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.

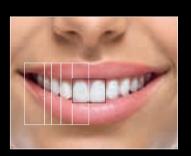
As we are able to divide a line by its middle or draw a perpendicular, we all recognize the Golden Proportion as a constant for harmony and balance.



Description	Item no.
Golden Section Divider set, including an assortment of 6 grids blocs, instructions	6010



1988 144 OZD 377 130 8887 1597 7551 4381 60 10848 17771 28



### **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). 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



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

MILELINE 20

Thanks to veneerME, you'll be able to carry and ship and also manipulate your hyper-delicate veneers in the highest conditions of security!

# Maximum security for your veneers

### The sticky polyurethane gel-pad

The base of veneerME box is covered with a sticky pad out of polyurethane gel. Veneers are placed on this pad on their buccal surface, and adhere naturally. All the preparation process of the internal part of the veneer (acid etching, silanization) can be done in this position without any fear of a veneer escaping or falling on the floor. The pad's material is super resistant and can be re-used several times (it is easily replaceable in case of deterioration).

### The security membrane-frame

Once the veneers are secured on the pad, the membrane-frame is clipped on the base of veneerME box for extra fixation. The xx-thin membrane, made out of nylon, delicately adapts to the shape of the veneers. This done, you just need to close the lid and your master work is ready for delivery. The membrane-frame can be replaced -if needed- after having been used several times.

**Huge advantage: the membrane is permeable!** In other words the clinician can proceed with rinsing and drying after having replaced the membrane-frame on the base. This way the clinician can work in the best conditions and in total security.

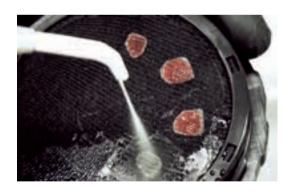


Description	Item no.
veneerME, set of 3 complete boxes, 3 spare PU pads and 3 spare membrane-frames	2600
veneerME, spare PU pads (10 pcs)	2610
veneerME, spare membrane-frames (10 pcs)	2620
veneerME, Mini-set of I complete box, I spare PU gel pad and I spare membrane-frame	2600-1









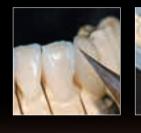
### HOLDING GEL

# Gel for temporarily fixation

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, 2 x 6 ml
 5110

### ZIR.CARE

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

# Sinter diamond for zirconia oxide



ZC-20L Zir.Care, sinter diamond, lense, 20 x 2 mm



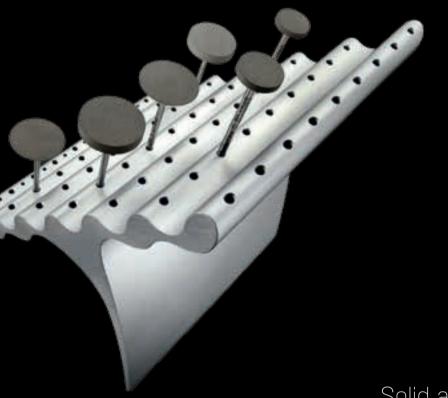
ZC-20W Zir.Care, sinter diamond, wheel 20 x 4 mm



ZC-12WS Zir.Care, sinter diamond, wheel small, 12 x 2 mm

Description	Item no.
Zir.Care set, inclu.: 3 sinter diamonds for zirconia oxide & 1 cleaning stone	ZC-00-Asst
Zir.Care Cleaner, cleaning stone	ZC-cleaner

### ORGAN.EZ



At first sight, some will see a sculpture placed on the bench. Don't be mislead:

ORGAN.EZ is first and foremost extremely useful and ergonomic.

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 aluminum, 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.

Solid aluminum burstand



1**100** Organ.ez, solid Iluminum stand

# EDUCATION CENTER

Learn, meet, share...

Thanks to the increasing and overwhelming success of Smile Line on the international markets and in order to be able to work in the best conditions, an extension of our building was necessary.

It was for us the opportunity to achieve a project that was a dream during the years: the creation of an education center completely equipped with I4 working spaces around a huge table of 6 m x 2 m and all the necessary modern equipment.

This amazing space was created for you! We sincerely hope we'll have the chance to welcome you soon.





# Smile Line © made in switzerland

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