



Smile Line ☺
made in Switzerland

Nowadays, fashions and trends are quick to pass, fleeting, momentary. The only ones resisting this tendency are the concepts with solid foundations because what they express is essential. With time, they acquire a status of icon or classic, respected by all. They become vectors of inspiration for the new generations.

« Instrument by Smile Line » is part of them. Industrial design professionals were not mistaken when given the prestigious « Red Dot Design Award » the year after it arrived on the market, in 2007.

Year after year, while keeping this philosophy of exclusivity and quality, we made it an « evolutionary » line, using several noble materials for the handles and putting all our energy into the research of performance and perfection for new tools.

« Instrument by Smile Line » symbolizes as much our DNA and history, as our future, linked to reflection, innovation and passion ! The following pages are raising the curtain on the entire program. We invite you to discover and make your choice among the unbelievable number of possibilities offered !

The concept
« Instrument by Smile Line »
Invented to last
Invented to innovate

Ceramic brushes



Ceramic brushes

Ceramic brushes



At Smile Line we don't have a habit to simply follow the easy path. For over a quarter of a century, we have studied, developed, and anticipated things. Smile Line today is known for carving its own paths that rapidly become classics... copied by many others.

Since more than 20 years, we are aware and sensible to the treatment of animals, also for the matter of Kolinsky brushes. We decided to commit ourselves to find alternatives to Kolinsky hair, with the only consideration to the reference of quality. It took us years of research but today we are very proud to propose products that equal or improve the quality of the best Kolinsky brushes !

RSPCT – the new revolutionary artificial filament

Launched in 2019, the line RSPCT (respect) conquered thousands of users in a very short time. The comment that comes again and again is : « I feel I am using the very best Kolinsky brush I have ever used ! ».

Even so, RSPCT brushes are

artificial, composed of a secret blend of different synthetic fibres that offer an extremely sharp and stable point, a water absorption capacity and a resilience that are very very close to the best Kolinsky hair. Their lifetime and stability is incredibly long !

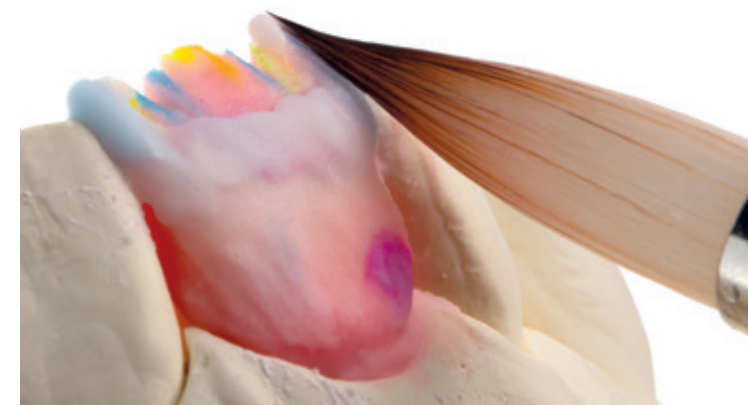
N.era – an alternative that has proven itself

Introduced in 2012 on the market, the line N.era immediately received a huge success. It was the very first artificial fiber brush offering such amazing properties. The tip is very thin and sharp, extremely stable during the build-up. Many ceramists who are fans of micro-layering fell in love with the smaller sizes of N.era. The polyamid based filaments offer a superior resilience that is the perfect solution for its users. When flattening the tip, one can use it like a spatula as much as ...a cutback instrument for creating the mamelons, for instance !

Kolinsky

It will probably take a few more years until artificial alternatives

100% replace Kolinsky hair. So Smile Line and its partner « Pinselmeister » will pursue the hard and delicate work of testing and controlling every new batch of hair in order to guarantee you the best possible quality.



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Ceramic brushes

Ceramic brushes



RSPCT

N.ERA

Kolinsky

Best of the best

The porcelain build-up brush is a tool that caught all our attention through the years. Our intention is to offer you the best of the best in each style of brush.

Whichever your preference, a RSPCT, a N.era, or a Kolinsky model, a smaller or a larger size, our tools will always meet your expectations and will gain your trust.

A Smile Line brush is among the most precious and cared for tool on a bench. It offers you security and precision that are so important during your every day work.



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Handles & materials



Handles & materials

Handles & materials

Meisterstück
Limited edition

**Violett
wood**

**Black anodized
aluminum**

**Carbon
fiber**

Exclusivity, ergonomics & comfort

Grooved aluminium profile, black anodized. Carbon fiber. Several precious wood species. New and amazing « Meisterstück », masterpiece of turning/machining available only in a limited edition... the choice of Smile Line handles is broad !

All the handles in the line « Instrument by Smile Line » are compatible with all the tools and modules featured in this catalogue. The principle of modularity allows you to assemble and compose your personal instruments as you wish and, depending on your choices, to match a customized preference.

Each single handle « Instrument by Smile Line » is manufactured and controlled with the greatest care. At the same time, because of their exclusivity and quality, they bring you connection and are a wise investment for many years.



A high-contrast, black and white photograph of two dental instruments. The instrument on the left is a curved, polished metal probe or explorer, angled downwards. The instrument on the right is a longer, curved metal instrument with a wooden handle, also angled downwards. The background is dark and textured, possibly showing some dental equipment or a work surface. The lighting highlights the metallic surfaces of the instruments.

Ceramic instruments



Ceramic instruments

Ceramic instruments

**Depth
probe**

**Condensor
instrument**

Cutback blade
x-thin

SoftGrip

FlexMount

The depth probe is graduated (0.5mm) and allows you in a second, to appreciate the thickness of a raw porcelain build-up.

The SoftGrip is a very comfortable and ergonomic instrument allowing to hold a crown in its intrados. The thin white silicone sleeves won't scratch the inside of the crown. They are designed with multiple tiny soft spikes for increasing the grip of the material.



Innovation and cleverness

On pages 36 and 37, you'll discover the details of the whole range of Smile Line instruments for ceramic. The majority are our exclusive designs.

FLEXMOUNT



Magical connection !

FlexMount is a connection component composed of two stainless steel parts linked by a thick layer of vulcanized rubber. It is an interface between the handle and the tool and works like a shock absorber. It was developed for the zirconia spatula, for preserving and protecting the instrument by absorbing the mechanical constraints.

Cutback – precision at your finger tips

Smile Line offers several shapes of 75 micron thin, flexible stainless steel blades. They are intended for allowing you comfort and ease with your porcelain cutbacks. These small blades are very easily mounted and changed on their universal holder.

For those with individual needs, there is a larger rectangular shape which allows for creating a custom design of blades.

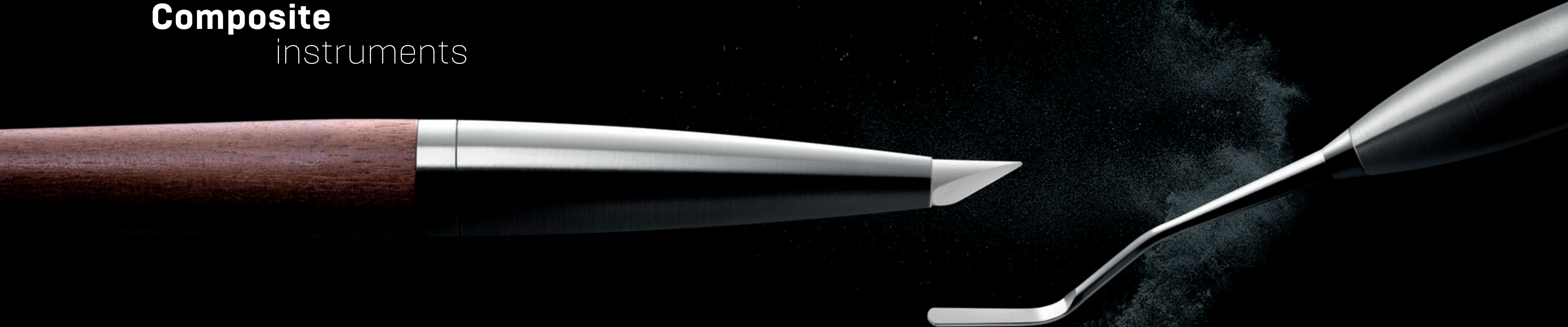
All shapes and references featured on page 37.



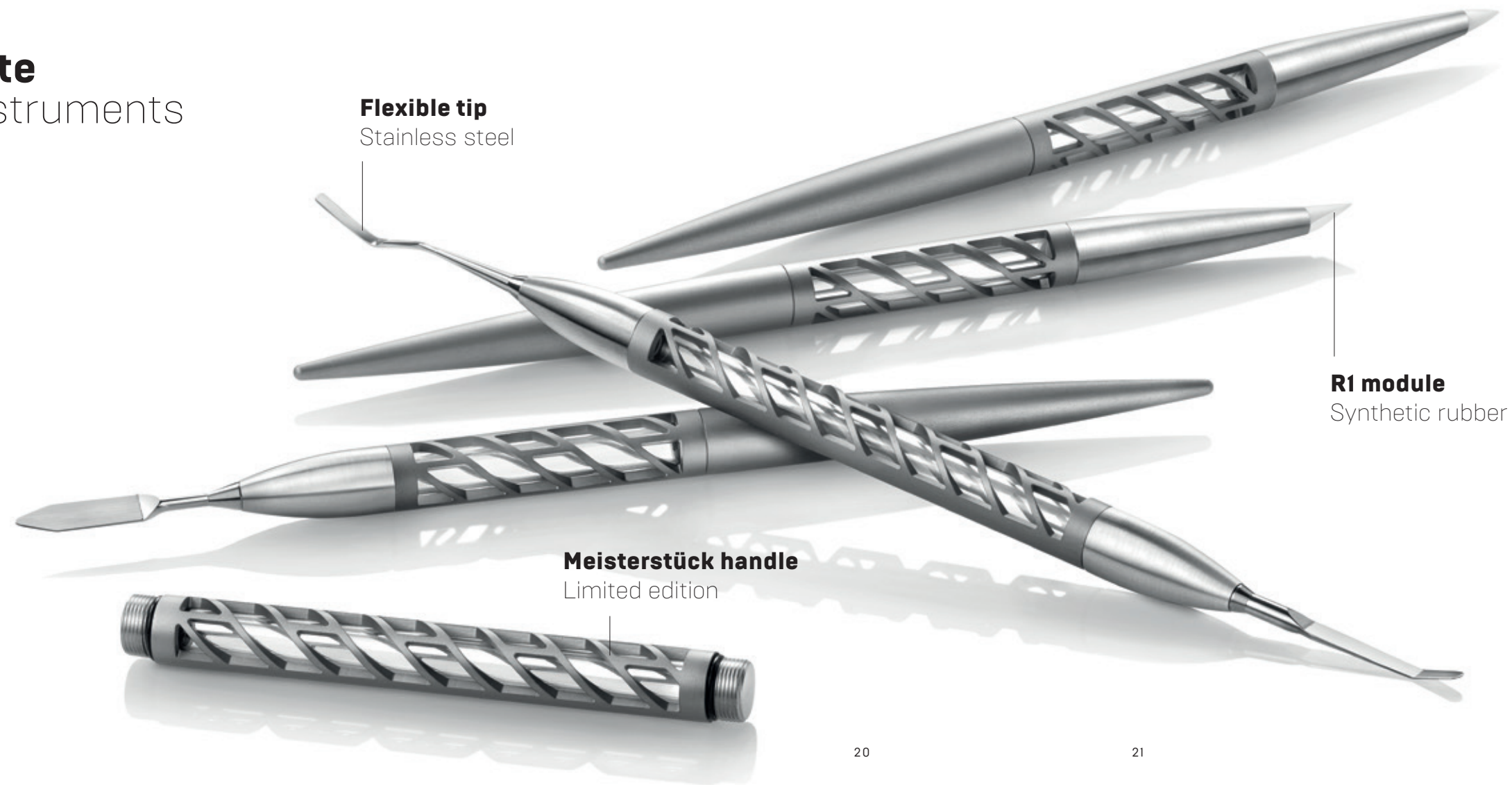
The rubber is flexible and acts like a spring when FlexMount is coupled with a brush tip. By gently snapping the front part of the brush, humidity is driven towards the brush tip.



Composite instruments



Composite instruments



Specially developed for light-curing composites

For its composite line, « Instrument by Smile Line » proposes three different flexible stainless steel spatulas, as well as two synthetic rubber tips. One is bullet shaped and the other is bevelled.

By not adhering to composites, these tools provide a great advantage and extensive working comfort to the user.

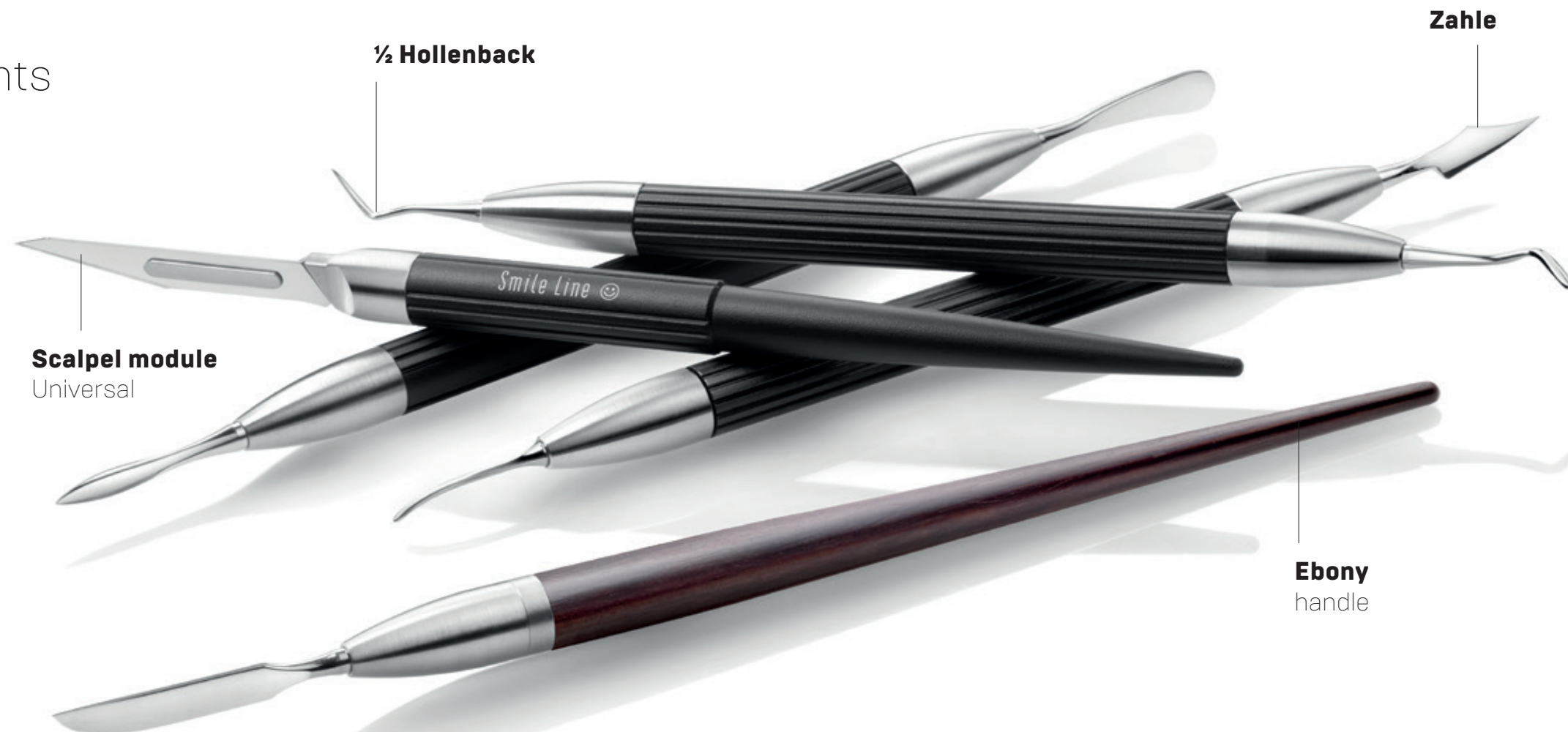




Wax instruments



Wax instruments



1/2 Hollenback

Zahle

Scalpel module
Universal

Ebony
handle

Respect tradition



Smile Line decided to focus on traditional instruments for its wax line.

They are produced exclusively in Europe, out of the best material, then tempered, polished and finally manually sharpened.

Because of their exceptional quality, these instruments will provide years of longevity.

Details and references

RSPCT - REGULAR



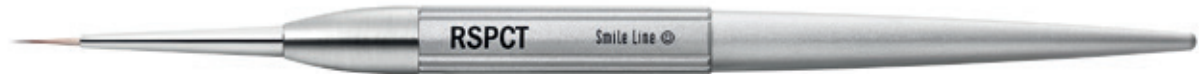
4500-RSPCT-8R Complete brush #8R
4501-RSPCT-8R RSPCT Replacement brush tips #8R, 2 pcs



4500-RSPCT-6R Complete brush #6R
4501-RSPCT-6R RSPCT Replacement brush tips #6R, 2 pcs



4500-RSPCT-3 Complete brush #3
4501-RSPCT-3 RSPCT Replacement brush tips #3, 2 pcs



4500-RSPCT-1 Complete brush #1
4501-RSPCT-1 RSPCT Replacement brush tips #1, 2 pcs

4000-AH-RSPCT RSPCT Aluminum handle

RSPCT - LONG TIP



4500-RSPCT-8LT Complete brush #8LT
4501-RSPCT-8LT RSPCT Replacement brush tips #8LT, 2 pcs



4500-RSPCT-6LT Complete brush #6LT
4501-RSPCT-6LT RSPCT Replacement brush tips #6LT, 2 pcs

4000-AH-RSPCT RSPCT Aluminum handle

RSPCT - COMPLETE SET



4500-RSPCT-asst RSPCT set composed of 1 complete brush #8Regular and brush tips #6R, #3, #1 [1 ea.]

N.ERA - BRUSHES

8-MACCHIATO



4200-8 N.era #8, complete brush
4201-8 Replacement brush tips N.era #8, 2 pcs

6-CAPPUCCINO



4200-6 N.era #6, complete brush
4201-6 Replacement brush tips N.era #6, 2 pcs

4-MOKA



4200-4 N.era #4, complete brush
4201-4 Replacement brush tips N.era #4, 2 pcs

1-RISTRETTO



4200-1 N.era #1, complete brush
4201-1 Replacement brush tips N.era #1, 2 pcs

N.ERA - BRRRUSH



4200-bRRR-1 N.era bRRRush #1, complete brush
4201-1 Replacement brush tips N.era #1, 2 pcs



4200-bRRR-8 N.era bRRRush #8, complete brush
4201-8 Replacement brush tips N.era #8, 2 pcs



4200-bRRR-6 N.era bRRRush #6, complete brush
4201-6 Replacement brush tips N.era #6, 2 pcs



4200-bRRR-4 N.era bRRRush #4, complete brush
4201-4 Replacement brush tips N.era #4, 2 pcs



4200-Asst N.era Brush collection, 4 brushes set : #8-Macchiato, #6-Cappuccino, #4-Moka, #1-Ristretto
31



4200-bRRR-Asst N.era bRRRush collection, 4 brushes set : #8, #6, #4, #1

Handles

BLACK ANODIZED ALUMINUM



4000-AH Long, conical handle



4000-A Standard handle



4000-As Short handle

CARBON FIBER



4100-CAL Long, conical handle



4100-CA Standard handle



4100-CAs Short handle

MEISTERSTÜCK « Limited edition »



4000-AH-MS Long, conical handle



4000-A-MS Standard handle



4000-As-MS Short handle

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33

PALISSANDER



4100-PAL Long, conical handle



4100-PA Standard handle



4100-PAs Short handle

EBONY



4100-EBL Long, conical handle



4100-EB Standard handle



4100-EBs Short handle

VIOLETT WOOD



4100-VIL Long, conical handle



4100-VI Standard handle



4100-VIs Short handle



4000-BC Instrument end cut



4000-BS Instrument end short



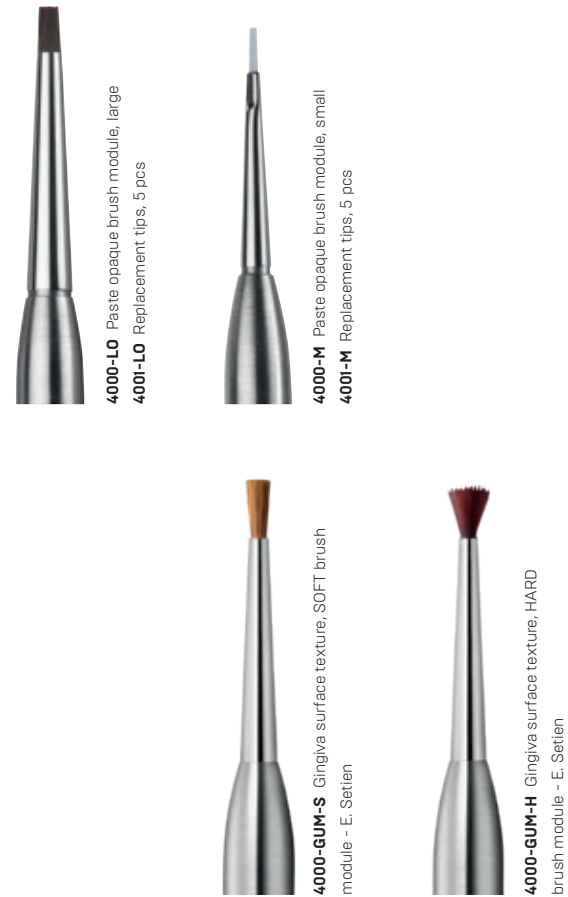
4000-B Instrument end long



Kolinsky - BRUSHES



Synthetic - BRUSHES



Ceramic - SET



14050-KN Ceramic instruments set, Kolinsky brushes & aluminum handles. Items: #FL-4020-ZR, #4100-XR, #4000-O, #4000-OP2, #4000-R, #4000-Q, #4000-P, #4010-SGIN, #4001-ZN, micro-fiber tissue.

14050-NN Ceramic instruments set, N.era brushes & aluminum handles. Items: #FL-4020-ZR, N.era#8, N.era#1, #4000-OP2, #4000-R, #4000-Q, #4000-P, #4010-SGIN, #4001-ZN, micro-fiber tissue.

Ceramic - INSTRUMENTS



FL-4020-ZR Zirconia spatula module on FlexMount connection

4000-ZR Zirconia spatula module



4000-R Condensor/pin ejector module



4000-Q Spoon module, long



4000-STE Depth probe for raw porcelain module, graduated 0.5 mm - S. Esposito



4000-SG1-N SoftGrip module, single

4010-SG1-N Complete instrument, aluminum handle



4000-SG2-N SoftGrip module, double

4010-SG2-N Complete instrument, aluminum handle



4000-SG3-N SoftGrip module, mini

4010-SG3-N Complete instrument, aluminum handle



4000-OP1 Opaque instrument module, small Al₂O₃ bead

4001-OP1 Refill beads, 2 pcs



4000-OP2 Opaque instrument module, large Al₂O₃ bead

4001-OP2 Refill beads, 2 pcs

Ceramic - BLADES



4000-P5 Flexible spatula module, 0.1 mm



4000-P Ceramic blade module 75 μ



4000-CR Hedstroem reamer module

4001-ZN Blades assortment, 1 pc each



4001-P Standard blade 75 μ, 5 pcs



4001-P1 Microsaw blade 75 μ, 5 pcs



4001-P2 Hollow blade 75 μ, 5 pcs



4001-P3 Blank blade 75 μ, 5 pcs



4001-P4 Hedstroem reamer, 3 pcs



4001-P5 Flexible spatula 0.1mm, 5 pcs



FlexMount

INSTRUMENTS MODULES ON FLEXIBLE CONNECTOR



FL-4020-ZR Zirconia spatula module on flexible connection



FL-4220-SF8 Nera brush tip #8, short ferrule, flexible connector



FL-4020-SF8R Kolinsky brush tip #8R, short ferrule, flexible connector



FL-4020-SF6 Kolinsky brush tip #6, short ferrule, flexible connector

REPLACEMENT TIPS



4000-ZR Zirconia spatula module



4201-SF-8 Nera brush tip #8, short ferrule, 2 pcs



4000-SF-8R Kolinsky brush tip #8R, short ferrule



4000-SF-6 Kolinsky brush tip #6, short ferrule

FLEXIBLE CONNECTOR



FL-4000 Flexible connector, 2 pcs

FlexMount - SETS

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.



- CARBON FIBER HANDLE SETS**
- FL-14150-CA6** Set of 2 instruments for ceramic (Kolinsky brush #6 & zirconia spatula) on flexible connection
- FL-14150-CA8K** Set of 2 instruments for ceramic (Kolinsky brush #8R & zirconia spatula) on flexible connection
- FL-14150-CA8N** Set of 2 instruments for ceramic (N.era brush #8 & zirconia spatula) on flexible connection
- BLACK ANODIZED ALUMINUM HANDLE SETS**
- FL-14150-6** Instruments for ceramic, set of 2 (Kolinsky brush #6 & zirconia spatula) on flexible connector
- FL-14150-8K** Instruments for ceramic, set of 2 (Kolinsky brush #8R & zirconia spatula) on flexible connector
- FL-14150-8N** Instruments for ceramic, set of 2 (N.era brush #8 & zirconia spatula) on flexible connector

Composite - INSTRUMENTS



4010-S1 Complete instrument (4000-AH + S1)



4010-S2 Complete instrument (4000-AH + S2)



4010-S3 Complete instrument (4000-AH + S3)



4010-R1 Complete instrument (4000-AH + R1)



4010-R2 Complete instrument (4000-AH + R2)

Composite - MODULES AND SET



4000-S1 Composite spatula #1 module



4000-S2 Composite spatula #2 module



4000-S3 Composite spatula #3 module



4000-R1 Rubber #1 Chisel module



4000-R2 Rubber #2 Cone module



14070 Set of 5 instruments for composite, anodized aluminum handle, micro-fiber tissue

Wax - MODULES



4000-SC Standard scalpel module

4010-SC Complete instrument on 4000-AH handle



4000-D Module Lecron



4000-E Zahle knife module



4000-F Zahle spatula module



4000-G Spoon short module



4000-H 1/2 Hollenback module



4000-I PK Thomas module



4000-J Needle module

Wax - MODULES AND SET



4000-S Beale spatula module



4000-T Beale tip module



4000-U Hammer module
(Not included in the set)



14060-N Wax instruments set: 10 instruments, anodized aluminum handles, micro-fiber tissue



The creation of this catalogue dedicated to « Instrument by Smile Line » expresses a lot of joy and an immense pride for us. It represents more than 25 years of passion and work that has transformed into know-how through the years.

It would not have been possible for Smile Line to reach the point at which we are today without external help. For this we would like to express our gratitude for all the people in the many countries, friends – opinion leaders – passionate demonstrators, who have supported us in our work throughout the years. Unfortunately, it is not possible to mention everyone without risking to forget someone, but we trust that these people will recognize themselves in our thanks.

Very special thank you to Jan Kaech, our partner and pilot laboratory in Thun (CH) for his support since the start of Smile Line.

Thank you to all the people, designer – subcontractors – graphic designer – photograph – printer – colleagues – who are taking part, directly or indirectly, to the adventure of Smile Line. Finally, thank you to the user of our products, who pushes us to surpass ourselves every day.

Olivier Schaeren, CEO
Smile Line SA

Thank you !

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