

# New Solutions for Dental Laboratories

Bringing you the latest products  
to help you save time and money.

- Zirconia blocks
- 3D print resins
- Ceramic cutters and polishing systems
- Articulators
- Relining and insulation materials
- Implant drivers
- Mixing trays



**DMAX**  
DENTAL CAD/CAM SOLUTION



**Push**



**DETAX**  
HIGHEND MEDICAL MATERIALS



Smile Line ☺  
made in switzerland

**More  
products  
inside...**

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**Next day delivery**

# About Us

Abbey Dental Supplies have been proudly supplying dental products for over 30 years across the UK and Ireland.

We have a team of industry specialists with extensive bench experience and hands-on product knowledge resulting in an unrivalled sales team who can recommend the most efficient products, the smartest blocks, and the best resins.

Keep ahead with Abbey.

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# DMAX

DENTAL CAD/CAM SOLUTION

We have partnered with **DMAX** to supply you with zirconia blocks and colouring liquids to help you create long lasting dental solutions.



## ZIRCONIA BLOCKS



### MULTILAYER SMART

MULTILAYER **SMART** is a new concept zirconia block that allows users to get a natural gradation effect through different absorption rates of the upper and lower layers during the colour liquid dipping process.

- Reduce your inventory burden by creating 16 VITA shades with DMAX **Classic Dipping Liquid**.

INDICATIONS	AVAILABLE SHADES
Anterior Full Crown	16 VITA shades available with the CLASSIC® Dipping Liquid on page 5.
Posterior Full Crown	
Bridge	
Anatomic Coping	

TRANSLUCENCY  
**48%**

FLEXURAL STRENGTH  
**1100MPA**



### MULTILAYER HYBRID

MULTILAYER **HYBRID** is a zirconia block with excellent strength and transparency. It is a full crown block with natural gradation effect created through multiple layers with different transparencies from 1200 MPa in the lower layer to 800 MPa in the upper layer.

- Due to the high transparency of the occlusal/incisal surface and the natural shade of the margin part, anyone can create a satisfactory full crown without colouring. You just need to select a pre-shaded block from 16 VITA shades, mill the crown and sinter it, so no colouring is required. It saves a significant amount of time and work required for colouring and drying.

INDICATIONS	AVAILABLE SHADES
Anterior Full Crown	<div> <div>A1</div> <div>A2</div> <div>A3</div> <div>A3.5</div> <div>A4</div> <div>B1</div> <div>B2</div> <div>B3</div> <div>B4</div> </div>
Posterior Full Crown	
Bridge	
Anatomic Coping	

TRANSLUCENCY  
**45~51%**

FLEXURAL STRENGTH  
**800~1200MPA**

## COLOURING LIQUIDS

### CLASSIC® Effect Liquid

Water-based staining liquid for the targeted infiltration of effects using the brush technique.

- 30ml
- 13 colors available
- Use before sintering for a more natural effect to the occlusal/incisal surface.

#### AVAILABLE COLOURS:

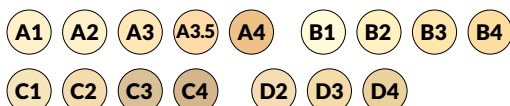


### CLASSIC® Dipping Liquid - 100ml

A unique DMAX method only available from Abbey Dental Supplies.

The Classic Dipping Liquid is a water-based staining liquid for use with DMAX Smart Multilayer Zirconia blocks. The absorption rate of the upper and lower layers is different allowing for a more natural gradation effect.

- 100ml
- All 16 VITA shades available.



## ETCHING LIQUIDS

### Zirface

ZIRFACE is a zirconia surface treatment solution composed of zirconia particles. You can get 2.5 times higher adhesive strength with ZIRFACE than acid etching and it is also safer because it does not contain acid.

- 10ml
- Zirface 10ml can be used for about 350 single crowns
- Acid free
- No strong smells











**Abbey Dental Supplies** brings you the **Busch Zirconia Workflow Set** that covers everything from working on pre-sintered zirconia to high-shine polishing. We recommend using the Zirconia Workflow Set with **DMAX Zirconia Blocks**.



## ZIRCONIA WORKFLOW SET







### 2 in 1 Polisher / KERA ceramic cutters

Processing the pre-sintered zirconia prior to final sintering using the all-ceramic KERA cutters for separating, cleaning and structuring. And, for coarse and fine polishing using the newly developed 2-in-1 polisher with a combined fine (white) and medium (grey) working part.

						
HST/HP		9800		K433X	K426X	K423FX
ISO Ø		055		016	023	023

### 2-step Diamond interspersed polishing system

Two-step polishing of the sintered restoration using zirconia polishers, interspersed with high amounts of diamonds. The final result is equivalent to glaze firing and can thus replace an additional firing step.

										
HST/HP		9854	9853	9855		9864	9863	9865		305RS
UNMOUNTED					9856				9866	
ISO Ø		040	260	170	170	040	260	170	170	050





**Abbey Dental Supplies** have partnered with **Fag Dentaïre** to bring you **The Quick Master Articulator** which will allow you to reproduce your patient's mandibular cinematics as accurately as possible.

## ADJUSTABLE ARTICULATOR

### QUICK MASTER B2M

The Fag Dentaïre Quick Master is a semi-adjustable articulator (chest type), which meets all programming requirements for precise reproduction of mandible movements, using different recording parameters of mixed and occlusal techniques.

- Semi-adjustable anatomical articulator
- Type: Chest
- Reference Map: Frankfurt
- Intercondylar distance: 110 mm
- Condylar Slope: Setting from 0° to 70°
- Bennett angle: 0° 10° 15° 20°
- Lateral movement: C1 = 0.5mm / 1mm = C2 / C3 = 1.5mm
- Propulsion offset: 0-6mm
- Centered related locking system
- Distance between mounting plates: 87 mm
- Top model mounting: QUICK facebow mounting or 10° table
- Weight: 590g



# QM1000B2M

# DETAX

HIGHEND MEDICAL MATERIALS

Abbey Dental Supplies have partnered with **DETAX** to supply dental resins and accessories to labs and clinics around the country.

DETAX 3D printing resins will help you to save time and money by allowing you to print impressions and implants in-house, as well as providing a variety of treatments to existing cements and composites.



## 3D DENTAL RESINS



### FREEPRINT® Crown

Light-curing formulation for 3D printing of permanent single crowns, denture teeth and long-term temporary bridges.

- Wide range of aesthetically appealing colours
- Very high fracture strength and abrasion resistance
- Easy to grind and polish
- No tendency to discolor thanks to low water absorption

**Size:** 500g / 1kg bottle

**Colours:** A1, A2, A3, B1, B3, C2, D3, BL

**Wavelength:** 385 nm

**Medical Device Class IIa**

NEW



### FREEPRINT® Temp

Light-curing formulation for 3D printing of temporary crowns & bridges and anterior & posterior tooth restorations.

- Exceptional breaking and flexural resistance, high abrasion resistance
- Natural tooth esthetics, brilliant, translucent colours
- Short post-processing o Low viscosity for material consumption
- Can be characterized individually with the **smartrepair®** system or composites.

**Size:** 500g / 1kg bottle

**Colours:** A1, A2, A3

**Wavelength:** 385 nm

**Medical Device Class IIa**



### FREEPRINT® Denture

Light-curing formulation for the 3D printing of removable denture bases and total prosthesis.

- Very high surface quality, excellent to polish oral environment.
- Extremely low shrinkage values compared to PMMA materials
- High wearing comfort
- MMA & THF-MA free, tasteless

**Size:** 500g / 1kg bottle

**Colours:** Pink-transparent, Pink

**Wavelength:** 385 nm

**Medical Device Class IIa**





# 3D DENTAL RESINS



## FREEPRINT® Tryin

Light-curing formulation for the 3D printing of individual functional try-ins of digitally manufactured denture bases.

- Fast material-saving production of functional try-ins
- Easy control of phonetics
- Easy to process
- MMA & THF-MA free

**Size:** 1kg bottle

**Colours:** A2

**Wavelength:** 385 nm

**Medical Device Class IIa**



## FREEPRINT® Ortho

Light-curing formulation for the 3D printing of base parts for orthodontic base components, surgical guides and X-ray templates.

- Validated for autoclave sterilization according to EN ISO 17664!
- Very high mechanical stability
- Compatible with **FREEFORM®** fixgel
- MMA-free, tasteless

**Size:** 1kg bottle

**Colours:** Clear-transparent

**Wavelength:** 385 nm

**Medical Device Class IIa**



## FREEPRINT® Splint 2.0

Light-curing formulation for the 3D printing of hard splints.

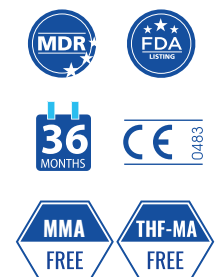
- Easy to polish
- Highest bending & breaking strength
- High accuracy of fit
- MMA & THF-MA free, tasteless

**Size:** 500g / 1kg bottle

**Colours:** Clear-transparent

**Wavelength:** 385 nm

**Medical Device Class IIa**



## FREEPRINT® Splintmaster

Light-curing formulation for the 3D printing of flexible splints and nightguards.

- Flexible
- High, tension-free wearing comfort
- Easy to polish
- MMA & THF-MA free, tasteless

**Size:** 1kg bottle

**Colours:** Clear-transparent

**Wavelength:** 385 nm



## 3D DENTAL RESINS



### FREEPRINT® IBT

Light-curing formulation for the 3D printing of flexible orthodontic transfer trays for positioning brackets.

- Soft-elastic
- Secure bracket mounting
- Easy to remove from the mouth
- Bisphenol A, MMA & THF-MA free

**Size:** 500g / 1kg bottle

**Colours:** Transparent

**Wavelength:** 385 nm

**Medical Device Class I**



### FREEPRINT® Tray 2.0

Light-curing formulation for the 3D printing of individual impression, functional trays and base plates.

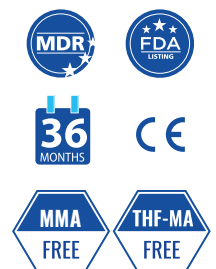
- High bending and breaking strength
- Low viscosity
- Printable with 200 µm layer thickness
- MMA & THF-MA free, tasteless

**Size:** 1kg bottle

**Colours:** Green

**Wavelength:** 380 – 405 nm

**Medical Device Class I**



### FREEPRINT® Model

Light-curing formulation for the 3D printing of dental master, working, situation and working models.

- Fast-printing
- Maximum surface hardness
- Dimensionally stable
- Bisphenol A & MMA free

**Size:** 1kg bottle

**Colours:** Ivory, Sand, Grey

**Wavelength:** 380 - 405 nm

**Technical Product**



### FREEPRINT® Model 2.0

Light-curing formulation for the 3D printing of dental models, master, working, control, situation and orthodontic models.

- High detail precision
- Shortened post-processing
- Plaster-like appearance & haptics
- MMA & THF-MA free

**Size:** 1kg bottle

**Colours:** Caramel, Grey, Light Grey, Sand, White

**Wavelength:** 380 - 405 nm

**Technical Product**



## 3D DENTAL RESINS



### FREEPRINT® Model T

Light-curing formulation for the 3D printing of dental models for the thermoforming technique.

- High temperature resistance
- Maximum edge strength
- Plaster-like appearance & haptics
- Precise detail reproduction
- MMA-free

**Size:** 1kg bottle

**Colours:** Light Blue

**Wavelength:** 380 - 405 nm

**Technical Product**

36  
MONTHS



### FREEPRINT® Model WW

Light-curing formulation for the 3D printing of dental models for the thermoforming technique.

- Water-washable
- No use of solvent necessary
- High temperature resistance
- MMA & THF-MA free

**Size:** 1kg bottle

**Colours:** Blue-transparent

**Wavelength:** 380 - 405 nm

**Technical Product**

36  
MONTHS



### FREEPRINT® Gingiva

Light-curing formulation for the 3D printing of flexible gingival masks for dental models.

- Excellent elasticity and tear-resistance
- Natural gingiva esthetics
- No subsequent shrinkage
- Bisphenol A, MMA & THF-MA free

**Size:** 500g / 1kg bottle

**Colours:** Gingiva

**Wavelength:** 380 - 405 nm

**Technical Product**

36  
MONTHS



### FREEPRINT® Cast 2.0

Light-curing formulation for the 3D printing of high precision casting objects.

- Residue-free burning out
- Distortion-free and precise, even for delicate constructions
- Suitable for phosphate-bonded embedding materials
- Low viscosity for fast cleaning
- MMA & THF-MA free

**Size:** 500g / 1kg bottle

**Colours:** Red-transparent

**Wavelength:** 380 - 405 nm

**Technical Product**

36  
MONTHS



## 3D DENTAL RESINS

### **FREEPRINT® Ecobag**

In addition to the 1-kg standard bottles, many FREEPRINT® materials are offered in beneficial 3 or 5kg Eco Bags.

The bags are perfect for frequent users and are handy to use: The 2 handles (top and bottom) make it easy to fill the printer tray. Highly pigmented materials can easily be homogenized with a roller mixer (with appropriate attachment).

The empty bag can be rolled up to a tiny ball, thus taking up much less waste volume and generating less plastic waste.



**COMING  
SOON FOR  
VOLUME  
USERS.**

**PLEASE  
CONTACT US  
FOR MORE  
INFO.**



All FREEPRINT® Class IIa resins are MDR certified (October 2020). Thus, DETAX 3D materials are among the first of its sector with MDR certification.



The 3D Premium printing materials FREEPRINT® temp, FREEPRINT® denture and FREEPRINT® crown are FDA 510(k) cleared.



DETAX 3D Premium printing materials have a shelf life of 36 months and can be used during this period without any loss of quality in the printing process.

# SOFT RELINING MATERIALS

## MOLLOPLAST® B

A silicone based, heat cured soft lining material:

- Long lifespan – remaining soft & comfortable for the wearer.
- Plaque/Tartar/Stain & discolouration resistant.
- Multifunctional – Perfect for Obturators & Mouth guards as well as soft liners.
- Clinically tested, documented and conforms to medical devices **CI.IIa**.



ITEM NUMBER	DESCRIPTION	SIZE
MB45	Standard	45g jar
MB170	Large	170g jar
03004	Primo Adhesive + brush	15ml bottle



## PERMALINER

Heat cured soft lining material for the permanent soft lining of dentures conforming to Medical Devices certification **CI.IIa**.

- Reduced polymerisation time.
- Exceptional bond to acrylic - removing the need of adhesives.
- Remains soft & elastic over long periods of time
- Very Aesthetic – An attractive Light pink coloured silicone material



ITEM NUMBER	DESCRIPTION	SIZE
02092	PERMALINER - Standard	30 g
02329	PERMALINER - Large	70 g





# SOFT RELINING MATERIALS

## MOLLOSIL® Plus



Suitable for both surgery & laboratory use, this easy to apply, quick solution for the soft lining of dentures has the following advantages:

- Biocompatible & conforms to medical devices **CI. IIa**
- Excellent acrylic bonding properties
- Includes patient booklet for marketing support.
- Gingiva coloured material

ITEM NUMBER	DESCRIPTION	SIZE
02436	<b>Standard</b> Cartridge Automix1 Mixing Cannulas, 6mm Mollosil® Plus Primer Mollosil® Plus Polish Grinding Sleeve, pointed Grinding Sleeve Holder, pointed Pipettes	50ml 7 pcs. 5ml 2 x 7ml 1 pc. 1 pc. 2 pcs.



## MOLLOSIL®



Similar to the Mollosil Plus but removes the need for a silicone dispensing gun therefore is more economical in its application - No wasted material in the mixing nozzles. Conforms to Medical Devices certification **CI.IIa**.

ITEM NUMBER	DESCRIPTION	SIZE
03005	<b>Standard</b> Base, tube of Catalyst, tube of Adhesive, bottle of Lustrol Gloss Varnish, bottles of Pipettes	50ml 50ml 5ml 2 x 6ml 1 pc.
02274	<b>Starter Kit</b> Base, tube of Catalyst, tube of Adhesive, bottle of Lustrol Gloss Varnish, bottles of Pipettes	30ml 30ml 5ml 2 x 6ml 2 pcs.
03007	Mollosil® Adhesive	5ml
03008	Lustrol Gloss Varnish	2 x 7ml
02631	Mollosil® Remover, dropping bottle	10ml



# SOFT RELINING MATERIALS

## LUSTROL

The perfect sealer for all the Detax silicone based soft lining materials, smoothing & sealing, extending the life of the soft liner. Conforms to Medical Device Cl.IIa and is completely free of taste & smell.

ITEM NUMBER	DESCRIPTION	SIZE
03008	<b>Standard Packing</b> Gloss Varnish, bottle of Catalyst, bottle of Pipettes	6 ml 6 ml 2 pcs.



# INSULATION MATERIALS

## FLEXISTONE® PLUS

Silicone based, 1:1 material for the protection of acrylic teeth against plaster when investing. This product is ideal for preserving the fine details and contours around the gingival margins on premium quality dentures into the top end private/implant sector.

- Recommended for use with injection moulding technique (SR-Ivocap system)

ITEM NUMBER	DESCRIPTION	SIZE
02383	<b>Standard Packing</b> Base + Catalyst Bottles with Stands Mixing Bowl	2 x 160 ml 1 pc.
02329	<b>Eco Packing</b> Base + Catalyst Plastic Bottles Mixing Bowls	2 x 1.000 ml 4 pcs.

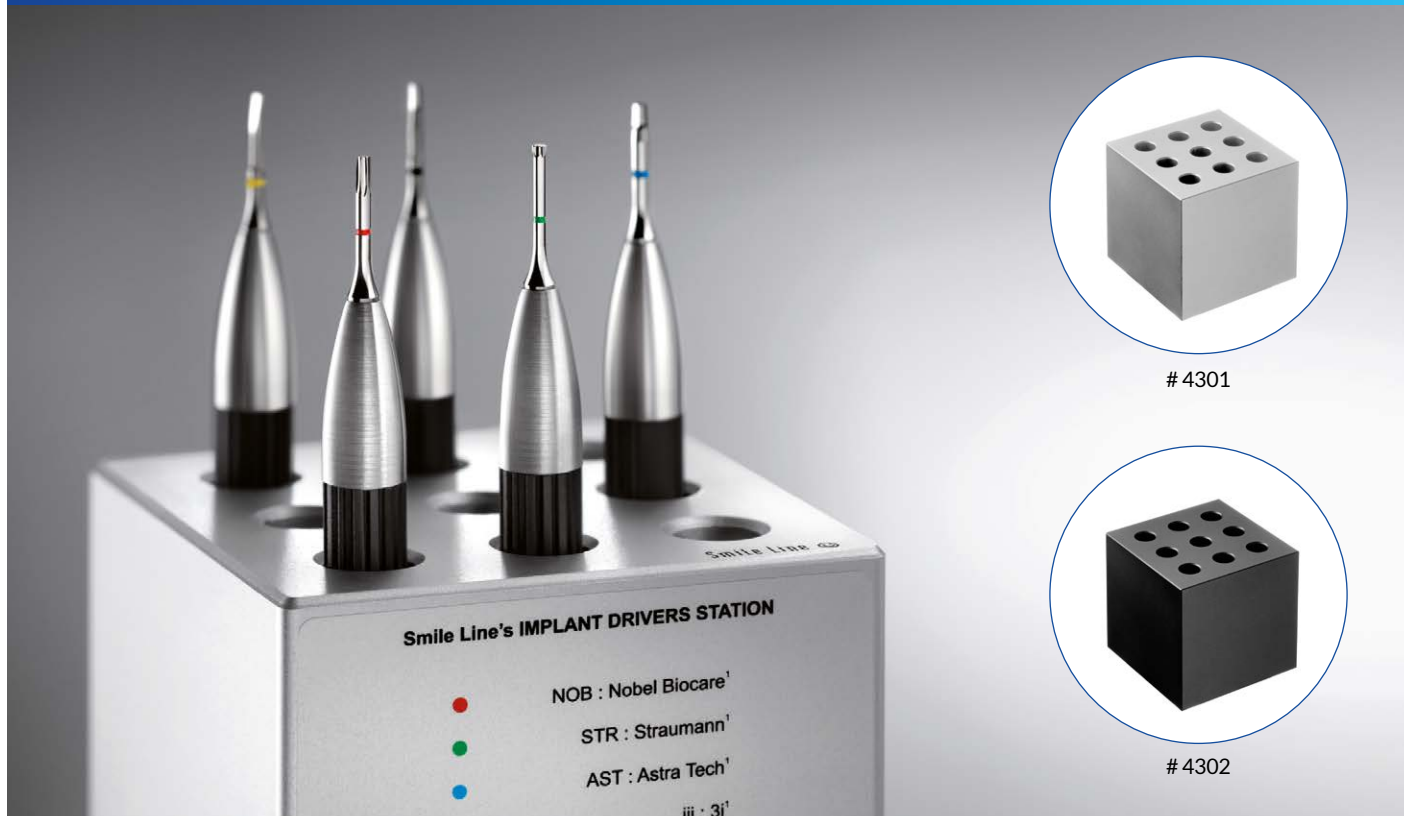


Smile Line ☺  
made in switzerland

**Abbey Dental Supplies** have partnered with **Smile Line** to bring you high-end accessories in the dental field including Implant Drivers, Micro Layering kits and brushes.



## IMPLANT DRIVERS



Smile Line offers 8 different drivers compatible with the most popular dental implant systems on the market: Nobel Biocare<sup>1</sup>, Straumann<sup>1</sup>, Astra Tech<sup>1</sup>, 3i<sup>1</sup>, Camlog<sup>1</sup>, SPI<sup>1</sup>, Ankylos<sup>1</sup> and Friadent<sup>1</sup>.

Every driver is available in two lengths - standard or extra-long.  
For an easy and immediate identification, each driver is color coded.

Implant Drivers are available as separate components, ends only (without handles) or as a complete set comprising all drivers ready mounted (standard length ) with a solid aluminum Station to house your drivers.

ITEM NUMBER	DESCRIPTION
4300	Implant-Drivers Station, complete set incl. 8 implant drivers (standard length ) and one solid aluminum cube, nature anodized
4301	Aluminum cube-station, nature anodized
4302	Aluminum cube-station, black anodized

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

# IMPLANT DRIVERS

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 ).



## Smile Line driver Nobel Biocare compatible



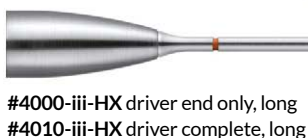
## Smile Line driver Straumann compatible



## Smile Line driver Astra Tech compatible



## Smile Line driver 3i compatible



Available also with a square head:  
Replace HX with SQ on Item no.

SQ

HX

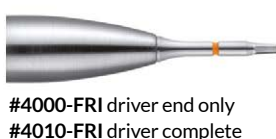
## Smile Line driver Camlog compatible



## Smile Line driver Ankylos compatible



## Smile Line driver Friadent compatible



## Smile Line driver SPI compatible



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



## IMPLANT BASE HOLDER

These new clamp forceps are designed with two halfrounds creating a 1.4 mm cylinder with 90° neck when closed.

The implant base holder allow for extremely fast, comfortable and secure working practices and thanks to the distance ring, your work will not be in contact with the table's surface during final setting. A must have for any technician having to deal with implant works.



#8800 Implant base holder



# MICRO LAYERING KIT

## SlimPad Micro

Abbey Dental Supplies is proud to introduce the **Smile Line SlimPad Micro**. It consists of a mini mixing tray for ceramics that can be used for micro-layering, for stains, or even as a traditional mixing tray for a single patient case.

Very compact, the lid is equipped with magnets, anti-slip rubber feet and can be used with or without the PVA-strips for retaining moisture.



## N.era Brushes INTENSO-1 and -4

The mythic N.era brushes redeveloped and specially adapted for micro-layering of modern materials on monolithic - a hot recommendation of MDT Enrico Ferrarelli in Rome (IT). These amazing new brushes are unique and provide at the same time a high resilience (a must for highviscositiy and honeylike masses) and a hypersharp and stable tip. Your best tools for extreme precision and working comfort.



	Description	Item N°
1	<b>MICRO-LAYER BASIC SET</b> 1 SlimPad Micro each, black & white 1 N.era brushes each, INTENSO-1 & -4	#16010
2	<b>SET OF 3 SLIMPAD MICRO, BLACK</b>	#16200
3	<b>SET OF 3 SLIMPAD MICRO, WHITE</b>	#16100
4	<b>N.ERA BRUSH INTENSO-1</b>	#4200-INT-1
5	<b>N.ERA BRUSH INTENSO-4</b>	#4200-INT-4





# RSPCT BRUSHES

Smile Line RSPCT brushes are used for porcelain build-up, glazing and staining:

- Amazing stability
- Extremely sharp point
- Wonderful resilience
- Perfect water absorption
- Long lasting



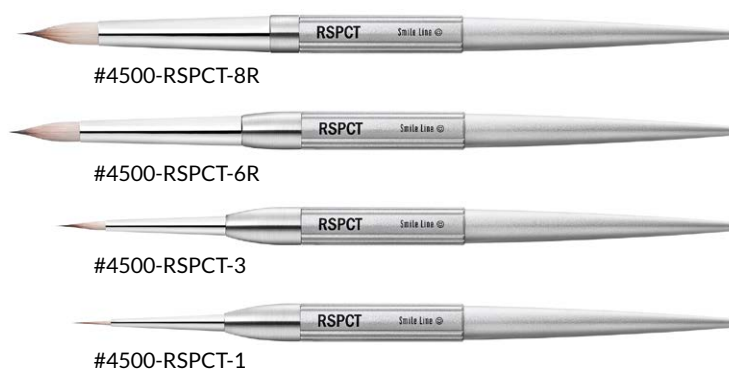
## RSPCT - Complete set

Description	Item N°
RSPCT, Set composed of: 1x Complete brush #8Regular, 1x brush tip #6Regular, 1x brush tip #3, 1x brush tip #1	4500-RSPCT-asst



## RSPCT - Regular

Description	Item N°
RSPCT, Replacement brush tips #8R, 2 pcs	4501-RSPCT-8R
RSPCT, Replacement brush tips #6, 2 pcs	4501-RSPCT-6R
RSPCT, Replacement brush tips #3, 2 pcs	4501-RSPCT-3
RSPCT, Replacement brush tips #1, 2 pcs	4501-RSPCT-1
RSPCT, Aluminum handle	4000-AH-RSPCT



## RSPCT - Long Tip

Description	Item N°
RSPCT, Replacement brush tips #8LT, 2 pcs	4501-RSPCT-8LT
RSPCT, Replacement brush tips #6LT, 2 pcs	4501-RSPCT-6LT
RSPCT, Aluminum handle	4000-AH-RSPCT





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