Renfert

making work easy

Work easily every day

Solutions for your daily routines



Everyday materials

Materials must fulfill a specific purpose, always supporting optimal results for your work. They are well-designed, making work easy.



Everyday instruments

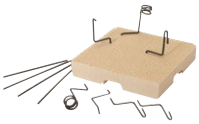
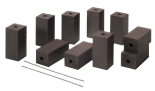
Instruments for everyday use must be easy to take care of and convenient to use. If they help to save time too, they make work easier.

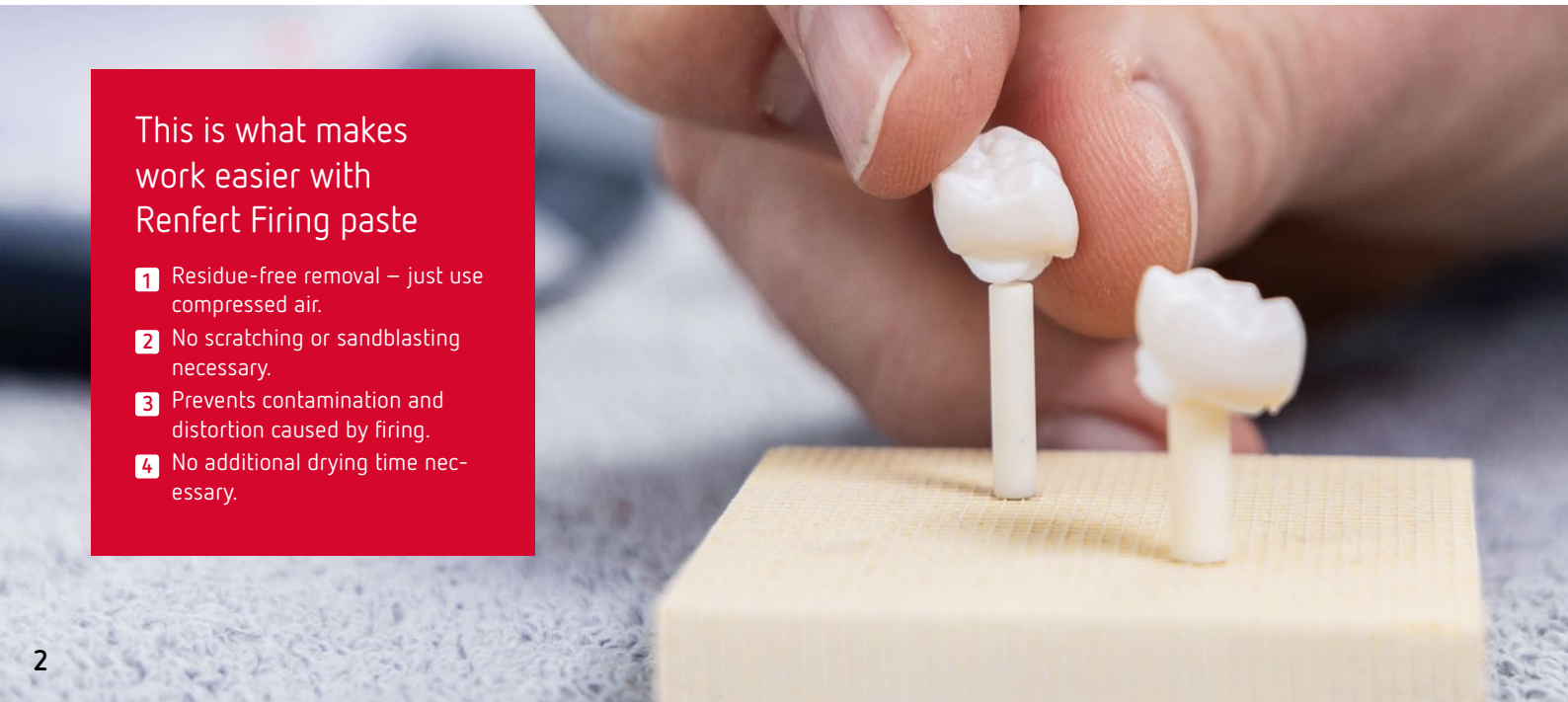


Everyday tools

Work is easier if the tools that you need on a daily basis are simple to use and deliver results of consistent quality.

Firing utilities

	Name	Highlights	No.
	Firing paste Firing paste for stabilizing ceramic works	Firing paste is a creamy, ready-to-use firing paste for the quick and easy production of individual firing trays for the firing and crystallization process of e.g. veneers, inlays and crowns in the ceramic furnace. Firing paste is easy to apply, can be flexibly formed and can be used up to a temperature of 1,500°C.	19220300 1x12 g 19220310 5x12 g
	Mesh-Tray Firing tray	Honeycomb shaped, lightweight firing tray for individual positioning of crowns and bridges in the porcelain oven. Base plate size (W x D x H) approx. 55 x 53 x 10 mm (2.17 x 2.09 x 0.39"). Scope of delivery: 2 base plates, 6 shaped and 4 straight supports	19220000
	Mesh-Tray K Firing tray	Firing tray with porcelain supports for individual positioning of crowns and bridges in the porcelain oven. Base plate size (W x D x H) approx. 55 x 53 x 10 mm (2.17 x 2.09 x 0.39"). Scope of delivery: 2 base plates, 10 porcelain supports	19220100
	Support wires for Mesh-Tray	Scope of delivery: 6 x shaped, 4 x straight, Ø 1 mm (0.04")	919220001
	Porcelain supports for Mesh-Tray K	Scope of delivery: 3 x Ø 2 mm (0.04"), 4 x Ø 3 mm (0.08"), 3 x Ø 4 mm (0.12"), 10 pieces	919220002
	Support wires for Mesh-Tray	Scope of delivery: 20 x straight, Ø 1 mm (0.04")	919220003
	Active Carbon	For regularly cleaning the porcelain furnace by absorbing the oxide deposits during the firing process. Scope of delivery: 10 pieces, incl. 2 supports	20650000



This is what makes work easier with Renfert Firing paste

1. Residue-free removal – just use compressed air.
2. No scratching or sandblasting necessary.
3. Prevents contamination and distortion caused by firing.
4. No additional drying time necessary.

Dental abrasives

	Name	Highlights	Deflasking	Smoothing/ Condensing	Aluminium oxide	Glass beads
	Cobra Abrasive	This abrasive contains one of the hardest materials: aluminium oxide (Al2O3). Extremely sharp-edged. Low to very high abrasive effect dependant on size. Extremely pure – approx. 99.7% Al_2O_3.	■		■	
	Rolloblast Abrasive	Non-abrasive glass beads for smoothing and condensing of surfaces. Guarantees silky matt surface with no light reflection. For the finest surface treatment of precious and non-precious metal alloys. Does not cause silicosis.		■		■

High-quality abrasives with a precise grain pattern

High-purity abrasives such as Cobra and Rolloblast feature a precise grit distribution and dry storage in sealable plastic canisters. This prevents the absorption of humidity thus ensuring that abrasives will not clump. Consistent sandblasting results and easy handling when filling the sandblasting tanks are therefore ensured.

Learn more about the importance of purity in the blog article "Clean abrasive for precision in dental technology - The importance of purity".
www.renfert.com/clean-abrasive



Name	Size	Scope of delivery	No.
Cobra, 110 µm	90–125 µm	5 kg canister (11.04 lbs.)	15831005
Cobra, 110 µm	100 µm	12.5 kg bucket (27.6 lbs.)	15831012
Cobra, 90 µm	90–125 µm	5 kg canister (11.04 lbs.)	15841005
Cobra, 250 µm	250 µm	5 kg canister (11.04 lbs.)	15851005
Cobra, 250 µm	250 µm	12.5 kg bucket (27.6 lbs.)	15851012
Cobra, 125 µm	90–125 µm	5 kg canister (11.04 lbs.)	15871005
Cobra, 125 µm	90–125 µm	12.5 kg bucket (27.6 lbs.)	15871012
Cobra, 25 µm	25 µm	5 kg canister (11.04 lbs.)	15941105
Cobra, 50 µm	50 µm	12.5 kg bucket (27.6 lbs.)	15941112
Cobra, 50 µm	50 µm	5 kg canister (11.04 lbs.)	15941205
Rolloblast, 100µm	100 µm	5 kg canister (11.04 lbs.)	15891005
Rolloblast, 50 µm	50 µm	5 kg canister (11.04 lbs.)	15941305

Separating and grinding discs

	Name	Highlights
	**Dynex Brillant** Separating and grinding discs for porcelain, zirconium oxide and lithium disilicate	Flexible diamond separating discs with glass fiber reinforcement, created for cutting, separating and trimming veneering porcelain, zirconium oxide and lithium disilicate. Avoids material damages due to very low thermal impact. Safe separation and trimming of press sprues due to very good cutting characteristics and removal capacity. Gentle to material due to extremely low vibrations. Ø 20 mm, different thicknesses.
	**Dynex Titanium** Separating and grinding discs for titanium or titanium alloys	Flexible and robust glass fiber reinforced separating discs especially created for implant super structures such as abutments, bars and frameworks made of titanium or titanium alloys. Efficient separation and precise processing due to high flexibility and stability. Processing safety due to safe separating and grinding of titanium and titanium alloys. Cost-effective work due to extremely high cutting efficiency. Ø 22 and 26 mm, thickness 0.3 mm.
	**Dynex** Separating and grinding discs for precious and non-precious metal alloys	Flexible and robust, doubly glass fiber reinforced separating discs for precious and non-precious metal as well as model cast alloys. Efficient separation and precise processing. Processing safety due to top separating and cutting performance. Gentle to material due to extremly low thermal impact. Ø 22 and 26 mm, different thicknesses.
	**Dynex** Separating and grinding discs for non-precious metal alloys and model casting alloys	Flexible and robust, doubly glass fiber reinforced separating discs for precious and non-precious metal as well as model cast alloys. Efficient separation and precise processing. Processing safety due to top separating and cutting performance. Gentle to material due to extremly low thermal impact. Ø 22, 26 and 40 mm, different thicknesses.
	**Plastercut** Diamond coated plaster separating disc	Diamond coated separating disc for cutting out dies from the plaster arch. Quick and precise cut without destroying the edges. Stable carrier material ensures reduced noise level. Perforations within the disc ensure transparency while cutting. Ø 30, 38 and 45 mm, different thicknesses.



Separating and grinding discs

Name	Ø	Thickness	Max. rpm	Titanium	Precious metal	Porcelain	Non-precious alloys	Model casting	Plaster	No.
Dynex Brillant, 20 x 0,2 mm	20 mm//0.79 "	0,2 mm//0.01 "	50 000			■				560220
Dynex Brillant, 20 x 0,25 mm	20 mm//0.79 "	0,25 mm//0.01 "	50 000			■				562520
Dynex Brillant, 20 x 0,3 mm	20 mm//0.79 "	0,3 mm//0.01 "	50 000			■				560320
Dynex Brillant, 20 x 0,8 mm	20 mm//0.79 "	0,8 mm//0.03 "	50 000			■				560820
Dynex Titanium, 22 x 0,3 mm	22 mm//0.87 "	0,3 mm//0.01 "	50 000	■						580322
Dynex Titanium, 26 x 0,3 mm	26 mm//1.02 "	0,3 mm//0.01 "	50 000	■						580326
Dynex, 22 x 0,2 mm	22 mm//0.87 "	0,2 mm//0.01 "	50 000		■		■			570222
Dynex, 22 x 0,25 mm	22 mm//0.87 "	0,25 mm//0.01 "	50 000		■		■			572522
Dynex, 26 x 0,25 mm	26 mm//1.02 "	0,25 mm//0.01 "	50 000		■		■			572526
Dynex, 22 x 0,3 mm	22 mm//0.87 "	0,3 mm//0.01 "	50 000		■		■			570322
Dynex, 26 x 0,3 mm	26 mm/1.02 "	0,3 mm//0.01 "	50 000		■		■			570326
Dynex, 22 x 0,5 mm	22 mm//0.87 "	0,5 mm//0.02 "	50 000				■	■		570522
Dynex, 26 x 0,5 mm	26 mm//1.02 "	0,5 mm//0.02 "	50 000				■	■		570526
Dynex, 22 x 1,0 mm	22 mm//0.87 "	1 mm//0.04 "	50 000				■	■		571022
Dynex, 40 x 0,4 mm	40 mm//1.58 "	0,4 mm//0.02 "	38 000				■	■		570440
Dynex, 40 x 0,5 mm	40 mm//1.58 "	0,5 mm//0.02 "	38 000				■	■		570540
Dynex, 40 x 0,7 mm	40 mm//1.58 "	0,7 mm//0.03 "	38 000				■	■		570740
Dynex, 40 x 1,0 mm	40 mm//1.58 "	1 mm//0.04 "	38 000				■	■		571040
Plastercut, 30 x 0,3 mm	30 mm//1.18 "	0,3 mm//0.01 "	10 000						■	331300
Plastercut, 38 x 0,3 mm	38 mm//1.5 "	0,3 mm//0.01 "	10 000						■	331380
Plastercut, 45 x 0,35 mm	45 mm//1.77 "	0,35 mm//0.01 "	10 000						■	331450
Bi-Flex, 22 x 0,15 mm	22 mm//0.87 "	0,15 mm//0.01 "	15000			■				271000
Ultracut, 20 x 0,15 mm	20 mm//0.79 "	0,15 mm//0.01 "	15 000			■				730000
Separating discs, 40 x 1,0 mm	40 mm//1.57 "	1 mm//0.04 "	25 000				■	■		581040
Grinding discs, 25 x 3,0 mm	25 mm//0.99 "	3 mm//0.12 "	25 000					■		6122000
Grinding discs, 35 x 3,0 mm	35 mm//1.38 "	3 mm//0.12 "	25 000					■		6152000

Polishing agents

	Name	Highlights	Diamond grit	Material / Range of application	No.
	Renfert Polish 3D-printed materials Diamond polishing paste	Specific extraoral polishing paste for high-gloss polishing of 3D-printed restorations made of resin or filament. Rapid polishing results thanks to special components in the polishing paste that are specifically tailored to PMMA/PETG materials. Optimal high gloss in a short time combined with high level of wearing comfort for the patient.	■	3D-printed materials	5104000 13 g 5104100 Starter Kit with polishers
	Renfert Polish hybrid materials Diamond polishing paste	Diamond polishing paste specifically for high-gloss polishing of hybrid materials, for extra-oral use. Optimal polishing result thanks to diamond particles in the polishing paste that are specially matched to hybrid materials. Reduced plaque build-up and longer service life of the tooth restorations thanks to optimal surface finish.	■	Hybrid materials	5103000 13 g (0.46 oz.)
	Renfert Polish all-in-one Diamond polishing paste	Universal polishing paste with a wide spectrum of diamond grain sizes, for extra-oral use. Quick, high-gloss finish on various materials such as lithium disilicate, zirconium dioxide, veneering ceramics and high performance polymers.	■	Lithium disilicate, zirconium dioxide, veneering ceramics, high performance polymers	5100100 18 g (0.63 oz.) 5100103 Starter Kit with polishers
	Renfert Polish ZrO_2 Diamond polishing paste	Extra-oral polishing paste for zirconium dioxide with specially coordinated abrasive properties due to extra coarse diamond grit.	■	Zirconium dioxide	5101100 18 g (0.63 oz.) 5101200 Starter Kit with polishers
	Renfert Polish $LiSi_2$ Diamond polishing paste	Extra-oral polishing paste specifically designed for lithium disilicate with a precise amount of coarse diamond grit.	■	Lithium disilicate	5102100 18 g (0.63 oz.)
	Brinell L High-luster polishing paste	Brinell L is a high-luster polishing paste enriched with diamond powder for precious metal bonding alloys and porcelain. The finest diamond particles achieve the optimum high-luster shine. Sparing application via the measuring syringe. Efficient take-up using felt wheels.	■	Precious PFM alloys, ceramic	5190001 5 ml (0.17 fl.oz.), with 1 cotton buff (No. 205 1000), 1 felt wheel and 1 mandrel
	Opal L High-luster polishing paste	White high-luster polishing paste for all acrylic facings using a handpiece. Particularly suitable for light-curing acrylics. Quickly smoothes the surface without altering the structure. Quick polishing effect.		Veneering composites	5200001 35 g (1.23 oz.)
	Saphir High-luster polishing paste	High-luster polishing paste for precious metal and chrome-cobalt alloy crowns and bridges. Special formula made up of high quality raw materials. For general use on all alloys. Optimum polishing effect with Polisoft pre-polishers and Bison brushes.		Precious metal alloys, chrome-cobalt alloys	5150000 ca. 250 g (8.75 oz.)
	Universal polishing paste High-luster polishing paste	Paste for high-luster polish on all prosthetic acrylics. Hard polishing paste for mirror-like surface. Long-lasting. Fine grained consistency.		PMMA, resins	5131000 6 x approx. 200 g (7.0 oz.)



This is what makes work easier

1. Large assortment for a wide spectrum of materials.
2. Maximum precision for pre-polishing and high luster polishing.
3. For natural looking surface textures.
4. Short processing time with stunning results.

Polishing Pastes with recommended Polishing Tools

Item — **Recommended Polishing Tool**

Polishing Paste	Processing / Preliminary Polishing	Polishing	High Luster Polishing
Renfert Polish 3D-printed materials No. 5104000			
Renfert Polish hybrid materials No. 5103000			
Renfert Polish all-in-one No. 5100100			
Renfert Polish ZrO_2 No. 5101100			
Renfert Polish $LiSi_2$ No. 5102100			
Brinell L No. 5190001		*	
Opal L No. 5200001			
Saphir for precious metal alloys No. 5150000			
Saphir for chrome-cobald alloys No. 5150000			
Universal polishing paste No. 5131000			

*Included in Brinell L No. 5190001 scope of delivery

Polishers for Handpiece

- Prepolisher 3D side No. 870000
- Prepolisher 3D top No. 880000
- Prepolisher ZrO_2 No. 950000
- Prepolisher twist ZrO_2 No. 951000
- Leather buff No. 2081000
- Bison No. 766xx00
- Cotton buff No. 2051000
- Silicone polishers No. 860000
- Polisoft No. 910000
- Silver wire brush No. 166 0000
- Polisoft A No. 900000
- Goat hair brush No. 204 0000

Polishers for Lathe

- Chungking brush No. 7672000
- Slim No. 788x000
- Linen buff No. 2090000
- Special brush No. 199x000
- Pleated buff nettle cloth No. 2100002

Polishers

	Name	Highlights	Prepolishing	High luster	Precious metal	Non-precious alloys	Model casting	Zirconium dioxide	Polymers for crowns and bridges*	Veneering acrylic	Denture resin	Porcelain	No.
	Prepolisher 3D side	For pre-polishing 3D-printed restorations made of PMMA or PETG and for crown and bridge restorations made of resin material.	■						■				870000 26 mm 10 pcs
	Prepolisher 3D top	For pre-polishing 3D-printed restorations made of PMMA or PETG and for crown and bridge restorations made of resin material.	■						■				880000 17 mm 1 piece
	Prepolisher ZrO_2	For the first pre-polishing of the entire surface of ZrO_2 restorations.	■					■					950000 26 mm 1 piece
	Prepolisher twist ZrO_2	For the second pre-polishing of the whole surface of ZrO_2 restorations.	■					■					951000 26 mm 1 piece
	Leather buff	For high gloss polishing of 3D-printed restorations made of PMMA or PETG, as well as high gloss polishing of dental restorations made of non-precious metals or precious metals.		■					■	■			2081000 22 mm 5 pcs
	Polisoft A	For gentle polishing and powerful smoothing of hard alloys.	■		■	■	■						900000 22 x 3 mm 50 pcs
	Polisoft	Effective polishing of precious and non-precious metal alloys.	■		■	■	■						910000 22 x 3 mm 50 pcs
	Silicone polishers	For pre-polishing porcelain and metal.	■		■	■	■				■	■	860000 22x3,2 mm 100 pcs
	Silver wire brush mounted	Abrasion-free pre-polishing of metal occlusal surfaces.	■		■	■	■						1660000 19 mm 12 pcs
	Bison	This unique mixture of bristles ensures a powerful and quick high-luster polish on alloys, porcelain and acrylic facings.	■	■	■	■	■	■	■	■	■	■	7631000 14 mm 25 pcs 7661000 18 mm 25 pcs

*PETG, PMMA, resin



The ultimate guide to polishing CAD/CAM restorations

Monolithic CAD/CAM restorations made of zirconium oxide, lithium disilicate or hybrid materials are well established in dental offices and dental laboratories. They can be efficiently fabricated and are characterized by high aesthetics and durability. However, without veneering, a new challenge has come into focus: how to achieve the optimum surface finish and polish.

Learn more how to achieve the optimum surface finish in the blog article "the ultimate guide to polishing CAD/CAM restorations".
www.renfert.com/polishing-guide-1

Polishers

	Name	Highlights	Prepolishing	High luster	Precious metal	Non-precious alloys	Model casting	Polymers for crowns and bridges*	Veneering acrylic	Denture resin	Porcelain	No.
	Goat hair brush	For polishing precious metal and acrylic surfaces.	■	■	■				■	■	■	2040000 19 mm 12 pcs
	Cotton buff	For high-luster polish of dental materials using a handpiece.		■				■	■	■		2051000 22 mm 12 pcs
	Chungking brushes	Polishing buff for pre-polishing chrome cobalt alloys.	■			■	■					7672000 80 mm 12 pcs
	Special brush	Particularly good for polishing cobalt-chrome frameworks using polishing paste.	■	■		■	■					1991000 65 mm 12 pcs
	Slim	The Slim polishing brush is particularly suitable for polishing interdental spaces on acrylic dentures.	■							■		7881000 44 mm 12 pcs
	Linen buff siliconized	For pre-polishing acrylic dentures with damp pumice.	■		■	■	■		■	■		2090000 80 mm 4 pcs
	Pleated buff nettle cloth	For large surface high-luster polish on acrylic dentures.		■	■	■	■		■	■		2100002 100 mm 4 pcs

Model production materials and utilities

	Name	Highlights	No.
	Renfert-Scanspray extra-fine Matting spray	Thanks to its micro-fine, homogeneous structure, Renfert-Scanspray extra fine can be applied very thinly. Enhanced adhesion, especially on polished ceramics / metals and reflecting surfaces. Thinner layer thickness (< 1 µm) and higher opacity compared to conventional scan sprays. This ensures more homogeneous and more detailed scanning results.	17312000 200 ml (6.80 fl.oz.), 1 precision spray nozzle
	Renfert-Scanspray classic Matting spray in an extra-large can	Renfert-Scanspray classic* is finely-granulated 3D matting spray for extra-oral scanning of shiny or highly-reflective surfaces (e.g., models, primary crowns, frameworks). As well as offering an extra-large can for power users, it is also impressively cost-effective and long-lasting. * Only available in selected markets	17311000 500 ml (17 fl.oz.)
	Occlutec Occlusion spray	With its improved bright colors, Occlutec spray offers particularly clear and detailed marking of trouble spots in the areas of model casting, crowns and bridges. Particularly bright colors for optimum surface distinction. Optimum dosage thanks to the micro-powdered spray film. Homogenous spraying characteristics regardless of fill level of the can.	19352000 green 75 ml (2.55 fl.oz.) 19353000 red 75 ml (2.55 fl.oz.)
	The multi-purpose one Super glue	All-round super glue for use with plaster, metal, acrylics and porcelain. Specially for gluing fresh and dry plaster. For universal use. Viscosity 15 mPa s.	17330050 6 x 5 g (6 x ~0.17 fl.oz.) 17330100 6 x 10 g (6 x ~0.33 fl.oz.)
	The powerful one Super glue	All-round instant glue with quick bonding time, for use with plaster, metal, acrylic and porcelain. Specially for gluing dry plaster. Very quick setting characteristics. Viscosity 18 mPa s.	17332000 6 x 10 g (6 x ~0.33 fl.oz.) 17332050 6 x 5 g (6 x ~0.17 fl.oz.)
	picosep Separating agent	Thin, silicone based isolating agent – specially developed for wax-dipping techniques. Microfilm isolates plaster from wax or high-fusing porcelain. A thin layer is effective for days; no reapplication required.	15520030 30 ml (1.02 fl.oz.)
	die:master red Die varnish	Especially suited for conventional restorations. Extremely resistant to steam and scratches and maximum bond between varnish and hardener. Layer thickness: 15 µm The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560200 15 ml (0.51 fl.oz.)
	die:master blue Die varnish	Especially suited for conventional restorations. Extremely resistant to steam and scratches and maximum bond between varnish and hardener. Layer thickness: 20µm The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560300 15 ml (0.51 fl.oz.)

Model production materials and utilities

	Name	Highlights	No.
	die:master silver Die varnish	Especially suited for conventional restorations. Extremely resistant to steam and scratches and maximum bond between varnish and hardener. Layer thickness: 13µm The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560400 15 ml (0.51 fl.oz.)
	die:master gold Die varnish	Especially suited for conventional restorations. Extremely resistant to steam and scratches and maximum bond between varnish and hardener. Layer thickness: 13µm The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560500 15 ml (0.51 fl.oz.)
	die:master duo Die varnish	Stone hardener and sealant. In-depth hardness and high edge-strength. Maximum bond strength thanks to chemical bond to die:master die varnishes. Layer thickness: 0 µm The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560600 15 ml (0.51 fl.oz.)
	die:master thinner Die varnish	For dilution and modification of the die:master varnishes (not suitable for die:master aqua). The die:master system provides you with perfect die preparation as a working basis for conventional and all-ceramic restorations.	19560700 30 ml (1.02 fl.oz.)
	die:master set red Die varnish	Fast and clear access to all system components thanks to the set stand. A high degree of working comfort due to the isolating brush with magnetic fixture. Integrated, practical die holder in the stand. Scope of delivery: 1x stand, 2x die:master red, 1x die:master thinner, 1x die:master duo, 1x picosep, 1x brush	19560800
	die:master set blue Die varnish	Fast and clear access to all system components thanks to the set stand. A high degree of working comfort due to the isolating brush with magnetic fixture. Integrated, practical die holder in the stand. Scope of delivery: 1x stand, 2x die:master blue, 1x die:master thinner,1x die:master duo, 1x picosep, 1x brush	19560900
	die:master set silver / gold Die varnish	Fast and clear access to all system components thanks to the set stand. A high degree of working comfort due to the isolating brush with magnetic fixture. Integrated, practical die holder in the stand. Scope of delivery: 1x stand, 1x die:master silver, 1x die:master gold, 1x die:master thinner, 1x die:master duo, 1x picosep, 1x brush	19561000

Renfert



Why a passion for dental craftsmanship and making work easy go hand in hand for Renfert.

At Renfert, we strive to make the dental technicians' and dentists' work easier and enable an ideal workflow. Our equipment and materials are developed in close cooperation with the people who work with them daily. All Renfert products are solutions, which provide specific and real added value for the everyday workflow. Therefore, most of our product managers are trained dental technicians with profound professional experience in the laboratory or in the dental practice.

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