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Dentale Medizintechnik





Dentale **HAHNENKRATT** Medizintechnik

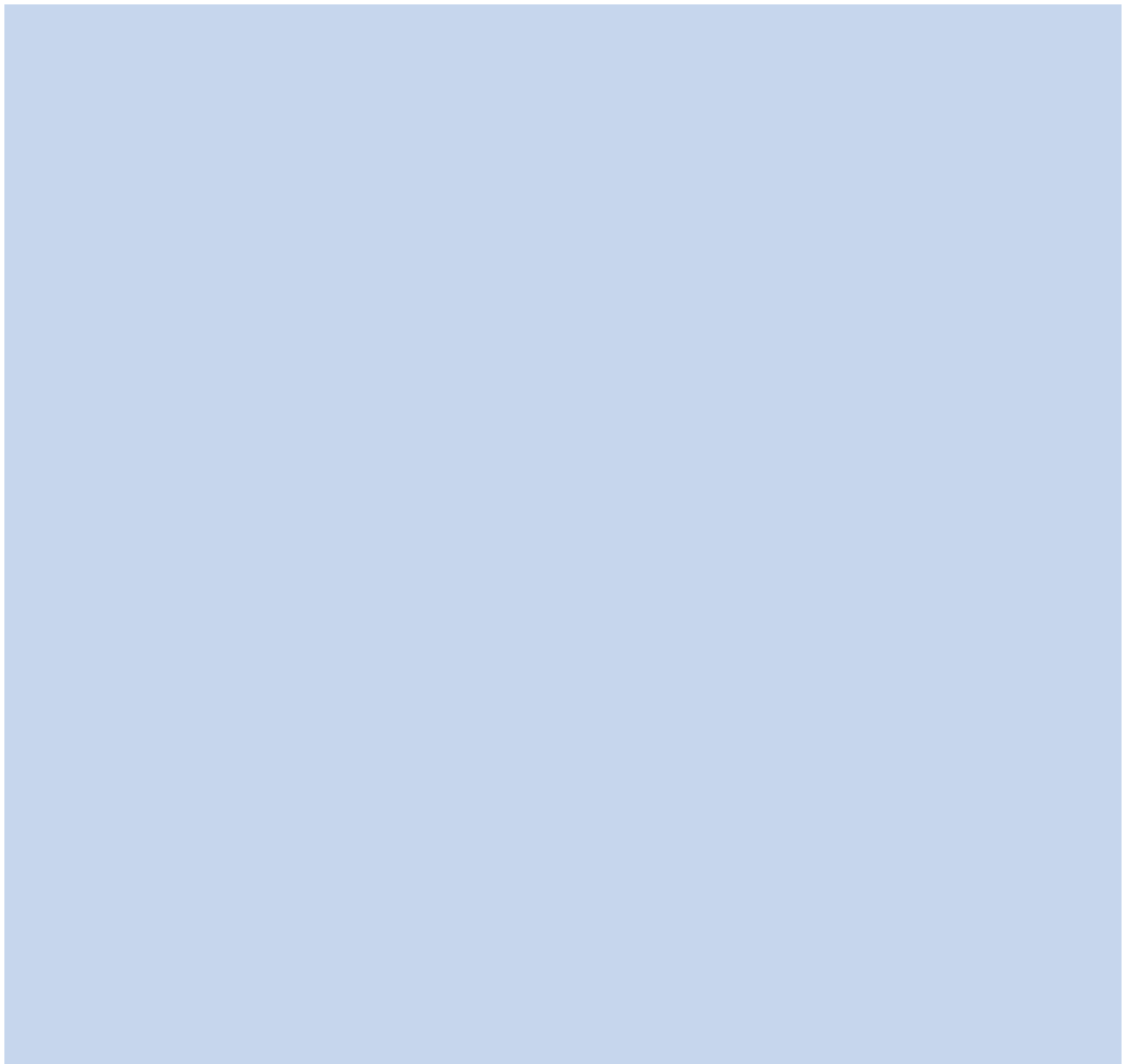
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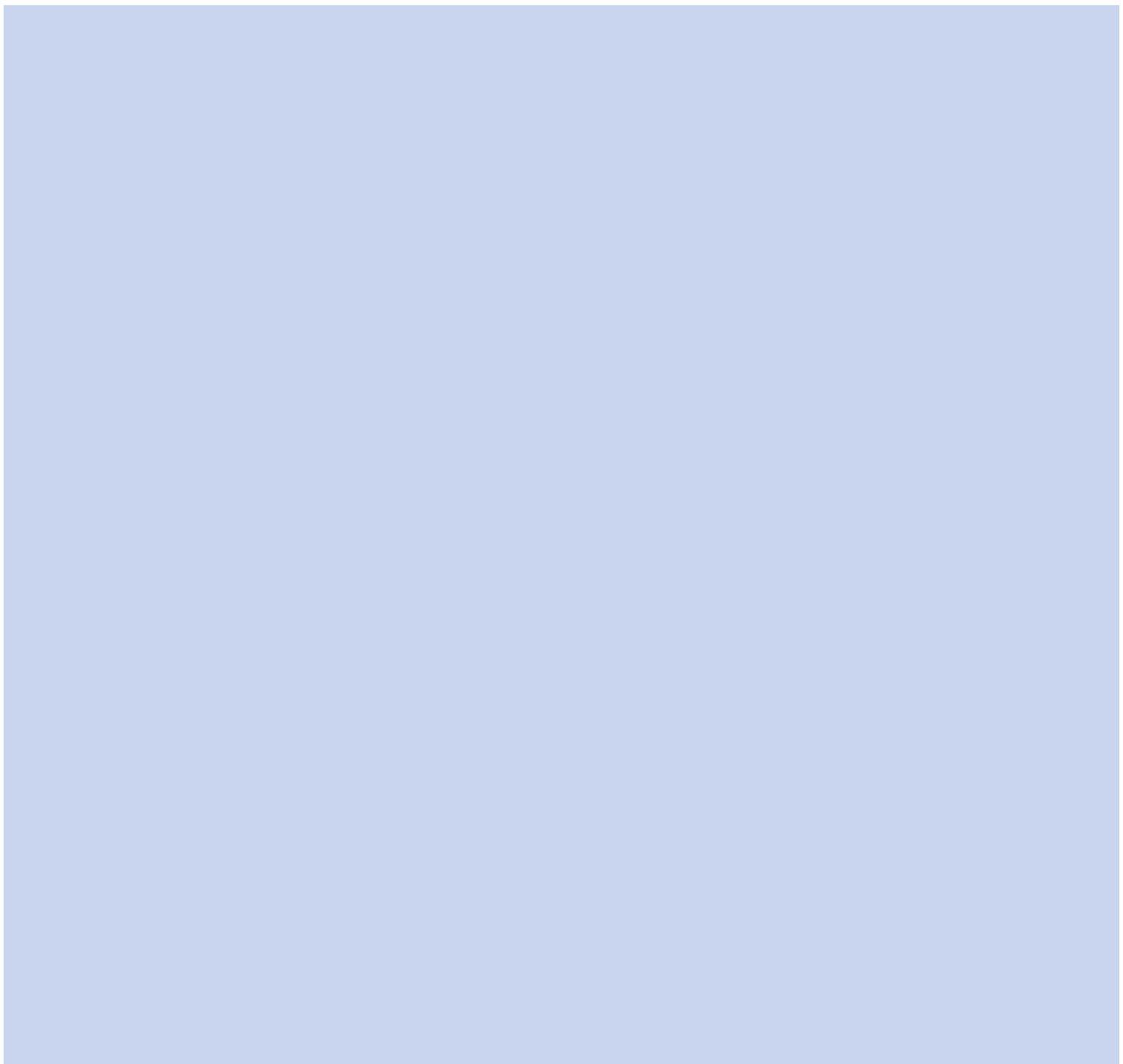
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RELAX

MOUTH MIRRORS

The advantages of a front surface mirror in combination with the »lite« fiberglass design, provide highest comfort for you and your patient for relaxed dental operations.

The instrument is autoclavable, acid-resistant and suitable for thermal disinfectors.



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IDS News 2015



RELAX – designed with a perfect blend of technology and ergonomics.

comfortably light weight
for relaxed dental operations

comfortable to hold
due to the ergonomic design with grip recess

keeping quality
colour stable, resistant against acids as well as against plaque-indicators

comfortable for patients
due to the smooth finish

hygienic
due to the plane transition from mirror surface to mirror casing without any gap

silk-mat-finished,
reflectionfree surface



RELAX | mouth mirrors | box of 10

| Size | Ø in mm | Colours | REF FS Rhodium | REF FS ULTRA |
|------|---------|----------------------------|-------------------|-----------------|
| 4 | 22 | 10 assortment, all colours | 7 100 | 7 300 |
| 4 | 22 | white | 7 101 | 7 301 |
| 4 | 22 | pastel yellow | 7 102 | 7 302 |
| 4 | 22 | pastel blue | 7 103 | 7 303 |
| 4 | 22 | pastel mint | 7 104 | 7 304 |
| 4 | 22 | pastel lavender | 7 105 | 7 305 |
| 4 | 22 | anthracite | 7 106 | 7 306 |
| 4 | 22 | pink | 7 107 | 7 307 |
| 5 | 24 | 10 assortment, all colours | 7 110 | 7 310 |
| 5 | 24 | white | 7 111 | 7 311 |
| 5 | 24 | pastel yellow | 7 112 | 7 312 |
| 5 | 24 | pastel blue | 7 113 | 7 313 |
| 5 | 24 | pastel mint | 7 114 | 7 314 |
| 5 | 24 | pastel lavender | 7 115 | 7 315 |
| 5 | 24 | anthracite | 7 116 | 7 316 |
| 5 | 24 | pink | 7 117 | 7 317 |

ULTRA FS

ULTRA FS ultra bright

FRONT SURFACE



ULTRA FS – the brightest and sharpest mirror worldwide.

The new unique design of the mirror layers provides superior bright images and crystal clarity previously unavailable.



The splitted mirror shows the crystal clear bright reflection of the ULTRA FS compared to Rhodium.

The ULTRA FS features are:

Highest reflection with crystal clear brightness

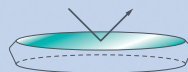
Superior colour accuracy, without any discoloration

Exact sharpness

Scratch resistant

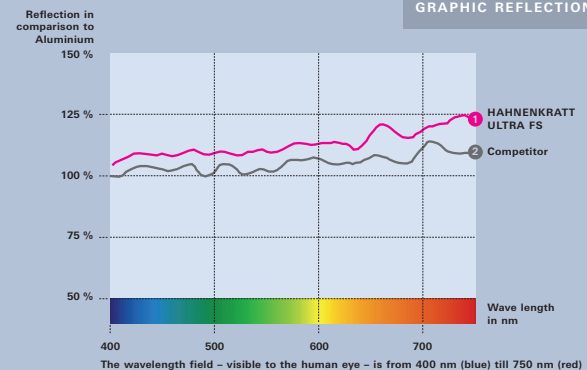
Improved comfortable cheek retraction

only one reflection = exact sharp image



Front Surface Mirror

GRAPHIC REFLECTION



Determined by Fraunhofer Institute Germany



| ULTRA FS | | ATTENTION: Due to a larger thread-diameter, the CS-thread fits only on handles with CS-thread. CS is mainly used in the USA, Canada, South-Korea and Spain. | | SS-thread REF | CS-thread REF |
|----------|---|---|----------|---------------|---------------|
| 1 | ULTRA FS | 4 plane | box of 6 | 6 160 | 6 165 |
| | ULTRA FS | 5 plane | box of 6 | 6 161 | 6 166 |
| 2 | ULTRAduo FS, double sided | 4 plane | box of 6 | 6 640 | 6 645 |
| | ULTRAduo FS, double sided | 5 plane | box of 6 | 6 641 | 6 646 |
| 3 | ULTRAretract FS | 4 plane | box of 6 | 6 670 | 6 675 |
| | ULTRAretract FS | 5 plane | box of 6 | 6 671 | 6 676 |
| 4 | ULTRAretract FS, bifurcated stem | 4 plane | box of 6 | 6 690 | 6 695 |
| | ULTRAretract FS, bifurcated stem | 5 plane | box of 6 | 6 691 | 6 696 |
| 5 | ULTRAretract FS, bifurcated stem, stem double 45° | 4 plane | each | 6 650 | |
| 6 | ULTRAmicro | mini mirror | Ø 3 mm | each | 6 181 |
| | ULTRAmicro | mini mirror | Ø 5 mm | each | 6 182 |
| | ULTRAmicro | mini mirror | 3 x 6 mm | each | 6 183 |



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ULTRAVision FS

FRONT SURFACE

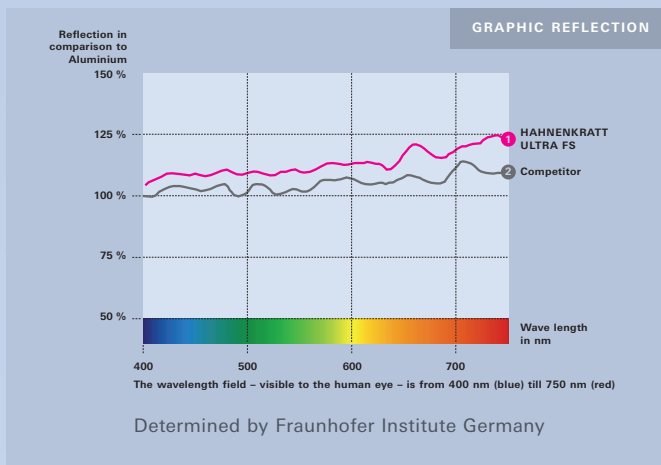


ULTRA mirror – in the standard casing – the brightest and sharpest mirror worldwide.

The new unique design of the mirror layers provides superior bright images and crystal clarity previously unavailable.



The splitted mirror shows the crystal clear bright reflection of the ULTRAVision compared to Rhodium.



The ULTRAVision features are:

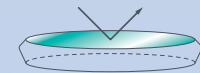
Highest reflection with crystal clear brightness

Superior colour accuracy, without any discoloration

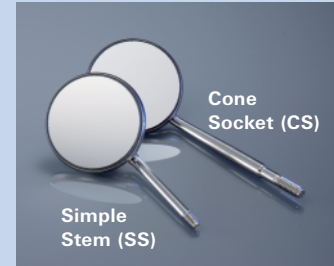
Exact sharpness

Scratch resistant

only one reflection = exact sharp image



Front Surface Mirror



| ULTRAvision FS | | | REF | |
|----------------|------------|-----------|------------------|------------------|
| Size | Ø in mm | | Simple Stem (SS) | Cone Socket (CS) |
| | | | plane | plane |
| 0 | 14 | box of 3 | 532X0 | |
| 3 | 20 | box of 12 | 533X3 | 536X3 |
| 4 | 22 | box of 12 | 533X4 | 536X4 |
| 5 | 24 | box of 12 | 533X5 | 536X5 |

MEGA FS

MEGA FS Rhodium

FRONT SURFACE RHODIUM

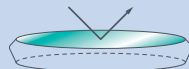


Form follows function –
it's ergonomically designed

Frame and stem made out of one single piece of stainless steel, considering ergonomical aspects; – this characterizes the uniqueness of the MEGA.

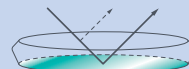


only one reflection =
exact sharp image



Front Surface Mirror

Two reflections =
double image



Rear Surface Mirror



MEGA

MEGAretract & MEGAstretch

FRONT SURFACE RHODIUM

These slim designed instruments offer:

Comfortable cheek retraction by a wide and flat stem design. The cheek retraction aspect of the mirror has less potential for discomfort to the patient.

Hygienic by the plane surface that avoids deposits

No disturbing reflection by satin-finished stainless steel surface

Images of exact sharpness and contrast up to the smallest detail, without any distortion. The combination of bright and brilliant natural colours guarantees highest sight comfort, gentle to the eye and good for fatigue-proof working.

Easy cleaning due to the anti-stick effect of the special HAHNENKRATT front surface coating



MEGAretract
with improved comfortable
cheek retraction by the wider
and flat stem design.



MEGAstretch
design for a bigger visual field

MEGAmicro

MEGAmicro

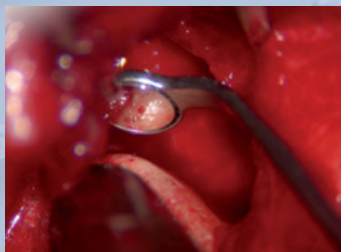
FRONT SURFACE RHODIUM

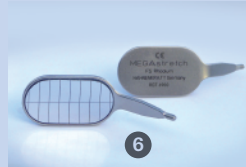
For Microsurgery and Implantologie

The MEGAmicro mirrors provide a superior image quality, as even this very small mirrors are made of glass, – in a very thin special design. Contrary to metal, with glass it's possible to get an absolutely flat surface and thus an exact image without any distortion.

All MEGAmicro Mirrors are with 0,7 mm thickness very fragile and thus they are highly qualified for the use in microsurgery.

The MEGAmicro 3 x 6 mm is round shaped at the end for a deep inspection of the resection cavity.





| | ATTENTION: Due to a larger thread-diameter, the CS-thread fits only on handles with CS-thread. CS is mainly used in the USA, Canada, South-Korea and Spain. | | | SS-thread REF | CS-thread REF | |
|----------|--|----------------|----------|----------------------|----------------------|-------|
| 1 | MEGA | 4 plane | Ø 22 mm | box of 12 | 6 060 | 6 070 |
| | MEGA | 5 plane | Ø 24 mm | box of 12 | 6 061 | 6 071 |
| 2 | MEGAduo, double sided | 4 plane | Ø 22 mm | box of 6 | 6 100 | 6 170 |
| | MEGAduo, double sided | 5 plane | Ø 24 mm | box of 6 | 6 101 | 6 171 |
| 3 | MEGAretract | 4 plane | Ø 22 mm | box of 6 | 6 660 | 6 665 |
| | MEGAretract | 5 plane | Ø 24 mm | box of 6 | 6 661 | 6 666 |
| 4 | MEGAretract, bifurcated stem | 4 plane | Ø 22 mm | box of 6 | 6 680 | 6 685 |
| | MEGAretract, bifurcated stem | 5 plane | Ø 24 mm | box of 6 | 6 681 | 6 686 |
| 5 | MEGAstretch | | 18x34 mm | each | 6 860 | |
| | MEGAstretch | | 22x38 mm | each | 6 861 | |
| 6 | MEGA Parallelometer | | 22x37 mm | each | 6 900 | |
| | MEGAmicro | mini mirror | Ø 3 mm | each | 6 200 | |
| | MEGAmicro | mini mirror | Ø 5 mm | each | 6 220 | |
| | MEGAmicro | mini mirror | 3 x 6 mm | each | 6 232 | |
| | MEGA cheek retractor | without mirror | Ø 22 mm | each | 6 070 W | |
| | MEGAabrasiv Saphiere-hard glass surface suitable for use with aluminium oxide airbrasive techniques | 4 plane | Ø 21 mm | each | 6 080 | |

MEGA FS FS

FRONT SURFACE

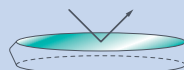
The MEGA FS is the alternative to the MEGA FS Rhodium. Rhodium is even more expensive than gold. In order to offer a more favourable front surface mouth mirror, we developed a unique combination of reflection layers on the base of our decades-long experience.

Both mouth mirrors distinguish only in the way of reflection. Rhodium reflects colours with a »warmer« touch, the new FS-Combi coating reflects with a »cooler« touch.



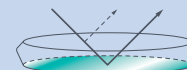
Images of exact sharpness and contrast up to the smallest detail, without any distortion

only one reflection =
exact sharp image



Front Surface Mirror

Two reflections =
double image



Rear Surface Mirror



Bright and brilliant reflection in natural colours
thanks to an optimal reflection spectrum.

High sight comfort
gentle to the eye and good for fatigue-proof working.

Easy cleaning
due to the anti-stick effect of the special
HAHNENKRATT front surface coating

Unlimited resistance
against disinfection and sterilisation, even against
acid containing refresh liquids.



| MEGA FS mouth mirrors | | REF | |
|-------------------------|------------|-----------|-----------|
| Box of 12 size | Ø in mm | SS-thread | CS-thread |
| | | plane | plane |
| 4 | 22 | 6 560 | 6 565 |
| 5 | 24 | 6 561 | 6 566 |

TOPvision FS

TOPvision FS Rhodium

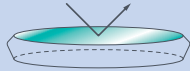
FRONT SURFACE RHODIUM

TOPvision FS Rhodium are coated with Rhodium on the front surface. Rhodium is a precious metal as gold and as a precious metal it's chemical resistant, even against acids.

The TOPvision FS Rhodium features are:

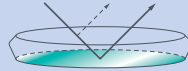
Images of exact sharpness and contrast up to the smallest detail, without any distortion

only one reflection =
exact sharp image



Front Surface Mirror

Two reflections =
double image



Rear Surface Mirror

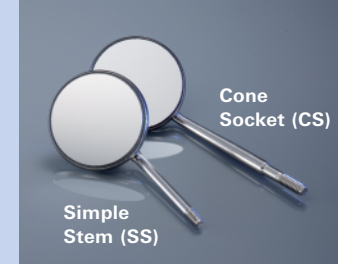
Bright and brilliant reflection in natural colours
thanks to an optimal reflection spectrum.

Highest sight comfort
gentle to the eye and good for fatigue-proof working

Easy cleaning
due to the anti-stick effect of the special
HAHNENKRATT front surface coating

Unlimited resistance
against disinfection and sterilisation, even against
acid containing refresh liquids.





| TOPvision FS Rhodium mouth mirrors | | | REF | | | |
|--------------------------------------|----------------|---------|------------------|------------|------------------|------------|
| Box of 1 size | Box of 12 size | Ø in mm | Simple Stem (SS) | | Cone Socket (CS) | |
| | | | plane | magnifying | plane | magnifying |
| 06 | | 6 | 719X06 | | | |
| 08 | | 8 | 719X08 | | | |
| 10 | | 10 | 719X10 | | | |
| 12 | | 12 | 719X12 | | | |
| 14 | | 14 | 719X14 | | | |
| 16 | | 16 | 719X16 | | | |
| | 2 | 18 | 720X2 | | 730X2 | |
| | 3 | 20 | 721X3 | | 731X3 | |
| | 4 | 22 | 721X4 | 726X4 | 731X4 | 736X4 |
| | 5 | 24 | 721X5 | 726X5 | 731X5 | 736X5 |
| | 6 | 26 | 720X6 | | 730X6 | |
| | 7 | 28 | 720X7 | | 730X7 | |
| | 8 | 30 | 720X8 | | 730X8 | |

TOPvision FS

FRONT SURFACE

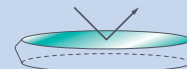
The TOPvision FS is the alternative to the TOPvision FS Rhodium. Rhodium is even more expensive than gold. In order to offer a more favourable front surface mouth mirror, we developed a unique combination of reflection layers on the base of our decades-long experience.

Both mouth mirrors distinguish only in the way of reflection. Rhodium reflects colours with a »warmer« touch, the new FS-Combi coating with a »cooler« touch.



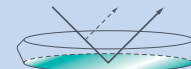
Images of exact sharpness and contrast up to the smallest detail, without any distortion

only one reflection = exact sharp image



Front Surface Mirror

Two reflections = double image



Rear Surface Mirror



Bright and brilliant reflection in natural colours thanks to an optimal reflection spectrum.

High sight comfort

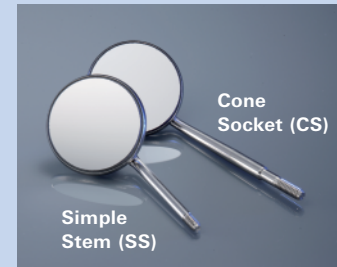
gentle to the eye and good for fatigue-proof working.

Easy cleaning

due to the anti-stick effect of the special HAHNENKRATT front surface coating

Unlimited resistance

against disinfection and sterilisation, even against acid containing refresh liquids.



| TOPvision FS mouth mirrors | | REF | |
|------------------------------|---------|------------------|------------------|
| Box of 12 size | Ø in mm | Simple Stem (SS) | Cone Socket (CS) |
| | | plane | plane |
| 4 | 22 | 633X4 | 636X4 |
| 5 | 24 | 633X5 | 636X5 |

SEplus

MOUTH MIRRORS

HIGH QUALITY IN EACH DETAIL

Since decades dentists all over the world rely on the superior quality of our SEplus mouth mirrors.

In the dental practice mouth mirrors are daily sterilised and disinfected several times. Considering these extreme conditions, the superior quality – in every single detail – is decisive.



Best reflection and image quality

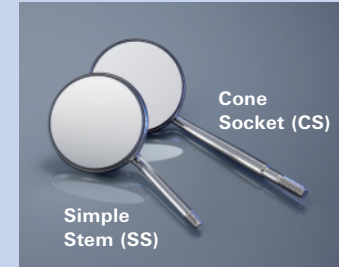
The SEplus reflection layer with its fivefold pure silver coating guarantees an extreme high reflection. The result is a bright and most brilliant reflection in natural colours. Thus the SEplus provides a high sight comfort.

Best stability against corrosion

According to our experience of over 50 years, the stainless steel is stable against corrosion. It complies with ISO 7153-1 (Surgical Instruments – Metallic materials).

Best resistance against disinfection and sterilisation

The silver coating is protected by a combination of layers, mainly made out of copper and titanium, which was developed by our company. Additionally the mirror is sealed with a special protective film. This unique combination ensures the extreme long life of SE plus mouth mirrors.



| SEplus mouth mirrors | | REF | | | |
|------------------------|---------|------------------|------------|------------------|------------|
| Box of 12 size | Ø in mm | Simple Stem (SS) | | Cone Socket (CS) | |
| | | plane | magnifying | plane | magnifying |
| 1 | 16 | 701X1 | | 710X1 | |
| 2 | 18 | 701X2 | | 710X2 | |
| 3 | 20 | 702X3 | 706X3 | 711X3 | 716X3 |
| 4 | 22 | 702X4 | 706X4 | 711X4 | 716X4 |
| 5 | 24 | 702X5 | 706X5 | 711X5 | 716X5 |
| 6 | 26 | 702X6 | | 711X6 | |
| 7 | 28 | 701X7 | | 710X7 | |
| 8 | 30 | 701X8 | | 710X8 | |



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SEflex

SEflex

MOUTH MIRRORS

Adjust your own ergonomically correct angle with the flexible stem of our SEflex.

Its flat stem and special treatment of the stainless steel, taking away its rigidity, make the stem flexible. Dentists are able to adapt the SEflex stem individually to their requirements and working process.

SEflex mouth mirrors are available with a mirror that is coated with silver on the rear surface like SEplus, or alternatively with a mirror coated with rhodium on the front surface like TOPvision FS Rhodium.





| SEflex mouth mirrors Simple Stem (SS) | | REF | | | |
|---|---------|--------------|------------|-----------------------|------------|
| Box of 12 size | Ø in mm | Back-Surface | | Rhodium-Front-Surface | |
| | | plane | magnifying | plane | magnifying |
| 4 | 22 | 741X4 | 746X4 | 742X4 | 747X4 |
| 5 | 24 | 741X5 | 746X5 | 742X5 | 747X5 |



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Economy

MOUTH MIRRORS



THE ECONOMICALLY PRICED

High image quality

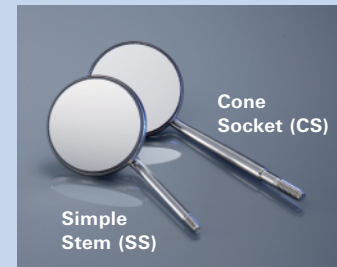
The Economy mouth mirrors have a threefold pure silver coating. The reflection is bright and offers high image quality.

Best stability against corrosion

According to our experience of over 50 years, the stainless steel is stable against corrosion. It complies with ISO 7153-1 (Surgical Instruments – Metallic materials).

High resistance against disinfection and sterilisation

The silver coating is protected with a copper layer and it's additionally sealed with a special protective film.



| Economy mouth mirrors | | REF | | | |
|-------------------------|---------|------------------|------------|------------------|------------|
| Box of 12 size | Ø in mm | Simple Stem (SS) | | Cone Socket (CS) | |
| | | plane | magnifying | plane | magnifying |
| 4 | 22 | 770X4 | 771X4 | 775X4 | 776X4 |
| 5 | 24 | 770X5 | 771X5 | 775X5 | 776X5 |

Laryngeal FS Rhodium Mirrors

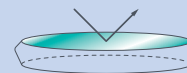


Laryngeal FS Rhodium mirrors are coated with Rhodium on the front surface. Rhodium is a precious metal as gold and as a precious metal it is chemical resistant, even against acids.

The features are:

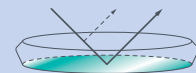
Images of exact sharpness and contrast up to the smallest detail, without any distortion

only one reflection =
exact sharp image



Front Surface Mirror

Two reflections =
double image



Rear Surface Mirror

Bright and brilliant reflection in natural colours
thanks to an optimal reflection spectrum.

Highest sight comfort
gentle to the eye and good for fatigue-proof working

Easy cleaning
due to the anti-stick effect of the special
HAHNENKRATT front surface coating

Unlimited resistance
against disinfection and sterilisation, even against
acid containing refresh liquids.



| Laryngeal Mirrors Rhodium plane | Ø in mm | REF without thread | REF with thread | REF Mirror with handle hexagonal | REF Mirror with handle round |
|---------------------------------------|------------|-----------------------|--------------------|--|------------------------------------|
| each | 6 | 951RX06 | 950RX06 | 956RX06 | 957RX06 |
| | 8 | 951RX08 | 950RX08 | 956RX08 | 957RX08 |
| | 10 | 951RX10 | 950RX10 | 956RX10 | 957RX10 |
| | 12 | 951RX12 | 950RX12 | 956RX12 | 957RX12 |
| | 14 | 951RX14 | 950RX14 | 956RX14 | 957RX14 |
| | 16 | 751RX16 | 750RX16 | 756RX16 | 757RX16 |
| | 18 | 751RX18 | 750RX18 | 756RX18 | 757RX18 |
| | 20 | 751RX20 | 750RX20 | 756RX20 | 757RX20 |
| | 22 | 751RX22 | 750RX22 | 756RX22 | 757RX22 |
| | 24 | 751RX24 | 750RX24 | 756RX24 | 757RX24 |
| | 26 | 751RX26 | 750RX26 | 756RX26 | 757RX26 |
| | 28 | 751RX28 | 750RX28 | 756RX28 | 757RX28 |
| | 30 | 751RX30 | 750RX30 | 756RX30 | 757RX30 |

| Laryngeal Mirrors Handles | | REF | REF | | |
|-----------------------------|--|-----|-----|--|--|
| each | | 400 | 440 | | |

Handles

FOR MOUTH MIRRORS

Pleasant haptics

The high quality is characterized by the careful finish. The surfaces are fine polished and all edges are smoothly rounded. Thus, the instruments provide a pleasant handling.

The hollow Handles are well-balanced and light-weight. A wider diameter of some handles and especially the grip recess provide relaxed grip and therefore relaxed working.













Satin-finished surface

eliminates disturbing glares and gives the instruments an exclusive finish

Outstanding stability against corrosion

According to our experience of over 50 years, the stainless steel is stable against corrosion. It complies with ISO 7153-1 (Surgical Instruments – Metallic materials).



| Handles for Mouth Mirrors, Length 130 mm | | SS-thread REF | CS-thread REF |
|--|------|------------------|------------------|
| Stainless Steel polished, octagonal, SE-form  | each | 413 | 415 |
| Stainless Steel polished, octagonal, serrated  | each | 420 | 421 |
| Stainless Steel polished, round, serrated  | each | 426 | 427 |
| Stainless Steel polished, round, serrated  | each | 5012 | 5013 |
| Stainless Steel polished  | each | 430 | 431 |
| Stainless Steel polished, hollow  | each | 460 | 461 |
| Stainless Steel satin-finished surface, hollow  | each | 466 | 467 |
| Stainless Steel polished, hexagonal, hollow  | each | 470 | 471 |
| Stainless Steel satin-finished, hexagonal, hollow  | each | 476 | 477 |
| Stainless Steel polished, hexag., hollow 135 mm  | each | 480 | 481 |
| Chrome-plated brass, hexagonal, hollow  | each | 422 | 423 |
| Stainl. Steel satin-finished, hexagonal  | each | 474 | |

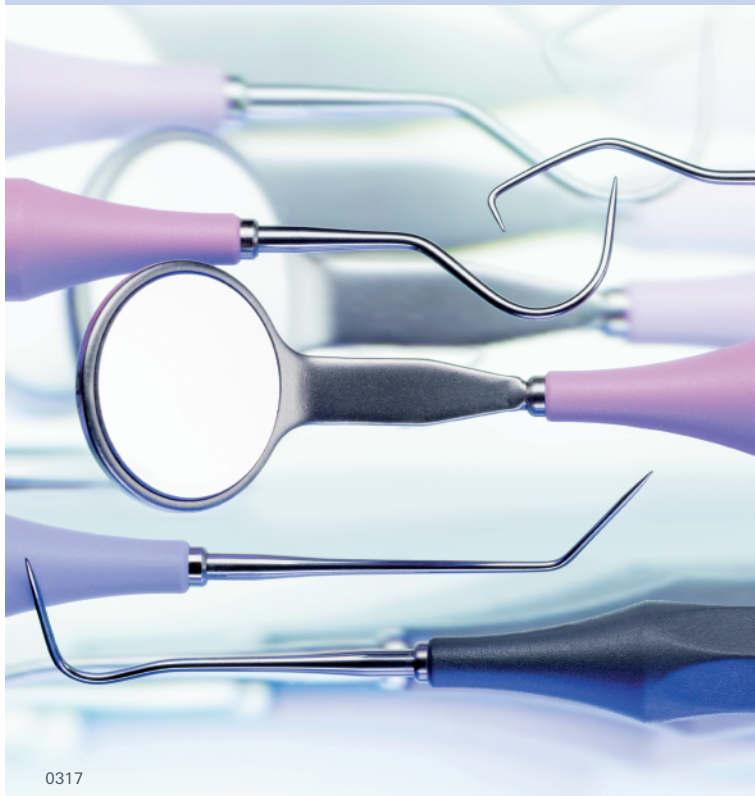


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IDS News 2017

ERGOform

HANDLES FOR MOUTH MIRRORS AND EXPLORERS



ERGOform Handles

The glassfiber-reinforced plastic material of the ERGOform Handles is successfully used in practice since 2015 with our RELAX Mouth Mirrors. The material is autoclavable, colour- and shape-stable as well as resistant against acids and plaque-indicators.

Because of the lightweight material low-fatigue work is ensured and the wider diameter in the front and especially the grip recess provide a relaxed grip. The Handles for Mouth Mirrors and Explorers are available in the same colours as the RELAX Mouth Mirrors. Thus the practice organisation can be simplified.

ERGOtouch Explorer

made out of martensite surgical steel according to EN ISO 7492 ensures a high bending strength and flexibility.

The Explorers are permanently fixed.

Autoclavable up to 134°C



ERGOform | Handles and Explorers | each

The Explorers are permanently fixed.

| | Handles for Mouth Mirrors REF | Form A 010 Fig. 23 REF | Form C 030 Fig. 8 REF | Form D 040 Fig. 9 REF | Form F 060 Fig. 6 REF | Form G 070 Fig. 17 REF |
|-----------------|--|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| white | 540 | 540 – A | 540 – C | 540 – D | 540 – F | 540 – G |
| pastel yellow | 541 | 541 – A | 541 – C | 541 – D | 541 – F | 541 – G |
| pastel blue | 542 | 542 – A | 542 – C | 542 – D | 542 – F | 542 – G |
| pastel mint | 543 | 543 – A | 543 – C | 543 – D | 543 – F | 543 – G |
| pink | 544 | 544 – A | 544 – C | 544 – D | 544 – F | 544 – G |
| pastel lavender | 545 | 545 – A | 545 – C | 545 – D | 545 – F | 545 – G |
| anthracite | 546 | 546 – A | 546 – C | 546 – D | 546 – F | 546 – G |



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ERGOform 134°C

HANDLES IN ERGONOMICAL DESIGN



ERGOform 134°C

Ergonomical design











The ERGOform Handles are lightweight and well-balanced due to the slim shaped end of the Handle. The wider diameter in the front and especially the grip recess provide relaxed grip and thus relaxed working.

Pleasant haptics

The satin-finished surface and the smoothly rounded edges provide pleasant haptics and handling.

Autoclavable up to 134°C



| ERGOform 134°C, Handles for Mouth Mirrors, Length 135 mm | | | SS-thread REF | CS-thread REF |
|---|--------------------|------|------------------|------------------|
|  | white | each | 540 | 560 |
|  | pastel yellow | each | 541 | 561 |
|  | pastel blue | each | 542 | 562 |
|  | pastel mint | each | 543 | 563 |
|  | pastel lavender | each | 545 | 565 |
|  | anthracite | each | 546 | 566 |
|  | pink | each | 544 | 564 |
|  | ocean blue | each | 547 | 567 |
|  | turquoise green | each | 548 | 568 |
|  | berry | each | 549 | 569 |



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WHO-Probe

PSI PERIODONTOMETER



FOR PREVENTIVE ODONTOLOGY

Finely rounded tip

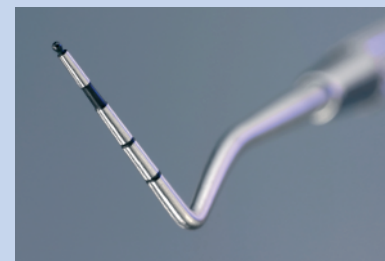
for minimally invasive treatment

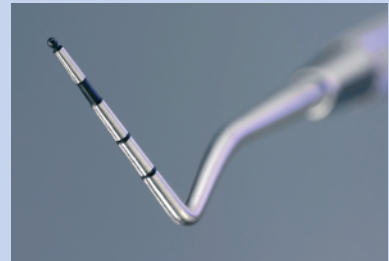
Dark black, non-fading scale



offers excellent identification of measurement

Totally resistant

against all kinds of disinfection and sterilization methods.



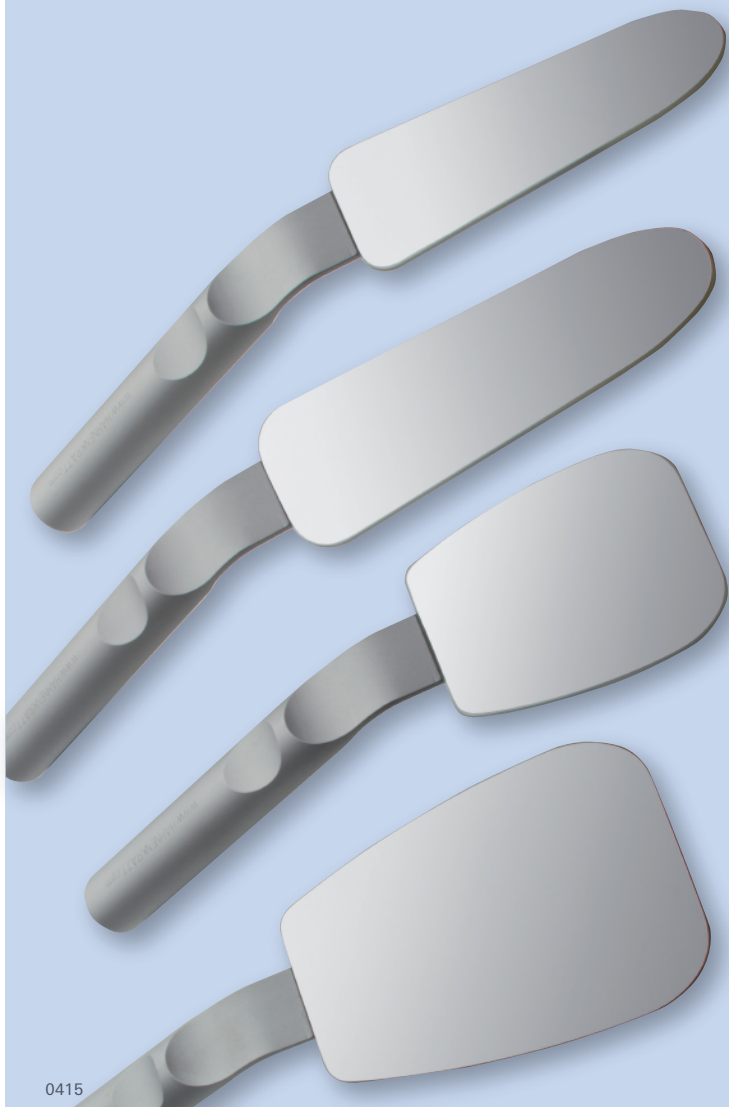


| WHO-Probe box of 1 PSI Peridontometer with rounded tip scale 0,5 – 3,5 – 5,5 – 8,5 – 11,5 | | REF |
|--|--|------------|
| Stainless Steel polished |  | 5 010 |
| Stainless Steel satin finished, hollow |  | 5 015 |

Mirrors

Photography Mirrors

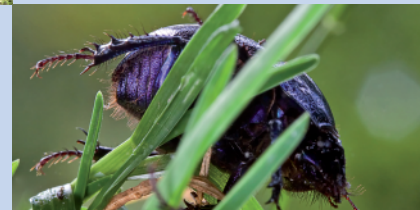
RHODIUM FRONT SURFACE
+ ULTRA FRONT SURFACE



The images are of exact sharpness and contrast without any distortion up to the smallest detail. In combination with the bright and brilliant reflection in natural colours, you get intraoral images of explanatory power.



The FS Rhodium mirror provides options of new perspectives.



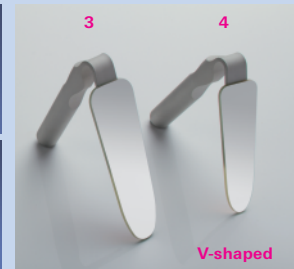
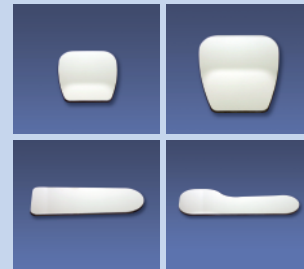
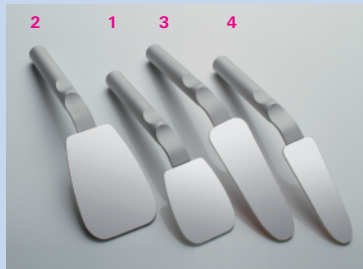
Rhodium FS



ULTRA FS – the brightest and sharpest mirror worldwide. The new unique design of the mirror layers provides superior bright images and crystal clarity previously unavailable.

Canon 7D und Metzblitz: Blende 25 – Zeit 125 – ISO 100

Information, tips and tricks as well as dates of photography courses can be found on www.dentalfotografie.com



Photography Mirrors | for intraoral photos, front surface coated.

| | | REF double-sided FS Rhodium | REF single sided FS Rhodium | REF single sided ULTRA FS | REF single sided FS Rhodium handle | REF single sided ULTRA FS handle | REF single sided FS Rhodium handle V-shaped | REF single sided ULTRA FS handle V-shaped |
|---|--|-----------------------------------|-----------------------------------|---------------------------------|---|---|---|---|
| 1 | | 58 x 76 mm | 6300 X 1 | 6500 X 1 | 6700 X 1 | 6530 X 1 | 6730 X 1 | |
| | | 66 x 95 mm | 6300 X 5 | 6500 X 5 | 6700 X 5 | 6530 X 5 | 6730 X 5 | |
| 2 | | 74 x 106 mm | 6300 X 2 | 6500 X 2 | 6700 X 2 | 6530 X 2 | 6730 X 2 | |
| 3 | | 42 x 128 mm | 6300 X 3 | 6500 X 3 | 6700 X 3 | 6530 X 3 | 6730 X 3 | 6540 X 3 6740 X 3 |
| 4 | | 36 x 120 mm | | | | 6530 X 3KFO | 6730 X 3KFO | 6540 X 3KFO 6740 X 3KFO |
| | | 55 / 40 x 157 mm | 6300 X 4 | | | | | |
| | | 53 / 31 x 142 mm | 6300 X 6 | | | | | |
| | | 86 / 77 x 133 mm | 6300 X 7 | | | | | |
| | | 71 / 62 x 133 mm | 6300 X 8 | | | | | |
| | | 47 x 153 mm | 6300 X 9 | | | | | |

| Suitcase for Photogr. Mirrors | | REF |
|--|------|---------|
| For 3 Photography Mirrors with handle, empty Outside: 285x240x100 mm | each | 6660 KO |
| For 1 Photography Mirror without handle, empty Outside: 160x140x35 mm | each | 6661 KO |

More shapes are possible; don't hesitate to contact us!



HAHNENKRATT.COM

Matrixes

Matrixes

STAINLESS STEEL



MICRO THIN: 0,03 mm
0,04 mm
0,05 mm

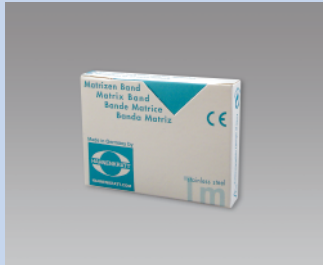
Outstanding tensile strength

HAHNENKRATT matrixes and matrix bands are produced in various shapes. The stainless steel offers outstanding tensile strength.

Handy dispenser

for the rolled matrix bands. The dispenser allows an easy handling, since the band can be just pulled out and back in at the upper opening of the dispenser.





| Matrixes 0,04 mm thick | REF | | | | | | |
|--------------------------|---------------|--------|--------|--------|--------|--------|------|
| | package of 12 | 40X1 | 40X2 | 40X3 | 40X4 | 40X5 | 40X6 |
| 40X11 | | 40X12 | 40X13 | 40X14 | 40X15 | 40X16 | |
| 40X101 | | 40X102 | 40X103 | 40X113 | 40X150 | 40X151 | |
| package of 100 | 41X1 | 41X2 | 41X3 | 41X4 | 41X5 | 41X6 | 41X7 |
| | 41X11 | 41X12 | 41X13 | 41X14 | 41X15 | 41X16 | |
| | 41X101 | 41X102 | 41X103 | 41X113 | 41X150 | 41X151 | |

| Matrix bands in dispenser | | | | | | | | | | |
|----------------------------------|--------|--------|-------|-----------------|--------|--------|-------|-----------------|--------|--------|
| roll of 1m (cardboard dispenser) | | | width | roll of 3 m | | | width | roll of 10 m | | |
| thickness in mm | | | | thickness in mm | | | | thickness in mm | | |
| 0,03 | 0,04 | 0,05 | ▼ | 0,03 | 0,04 | 0,05 | ▼ | 0,03 | 0,04 | 0,05 |
| 10 134 | 10 144 | 10 154 | 4 mm | 10 334 | 10 344 | 10 354 | 4 mm | 10 034 | 10 044 | 10 054 |
| 10 135 | 10 145 | 10 155 | 5 mm | 10 335 | 10 345 | 10 355 | 5 mm | 10 035 | 10 045 | 10 055 |
| 10 136 | 10 146 | 10 156 | 6 mm | 10 336 | 10 346 | 10 356 | 6 mm | 10 036 | 10 046 | 10 056 |
| 10 137 | 10 147 | 10 157 | 7 mm | 10 337 | 10 347 | 10 357 | 7 mm | 10 037 | 10 047 | 10 057 |

Matrixes

Matrixes

0,04 MM

NYSTRÖM

1



2



3



4



5



6



7



Drawings on a scale of 1:1

IVORY

11



12



13



14



15



16



TOFFLEMIRE

101



102



103



113



150

Siqveland, narrow: 5 x 85 mm

151

Siqveland, wide: 6 x 85 mm

Matrix Retainers

HIGH QUALITY FINISH
MADE OF STAINLESS STEEL



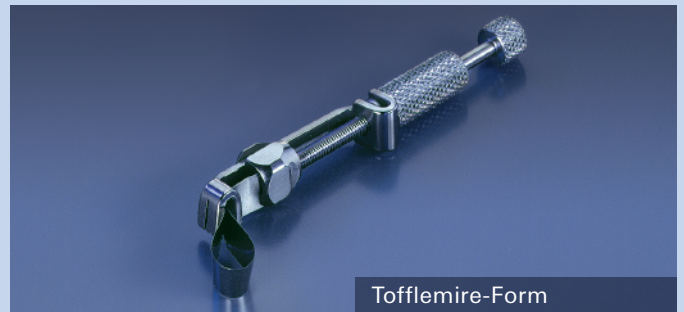
Ivory-Form



Nyström-Form



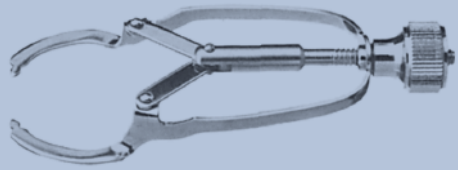
Ivory-Form



Tofflemire-Form

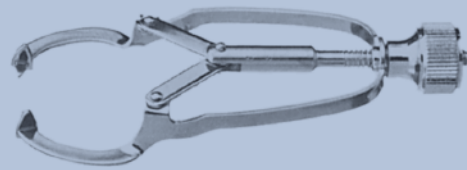
IVORY-FORM

REF 1



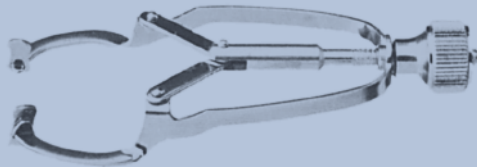
IVORY-FORM

with shields
REF 12



IVORY-FORM

with shields and lock
REF 12a



IVORY-FORM

with protection shield
Width 5 : REF 8X5
Width 6 : REF 8X6
Width 7 : REF 8X7

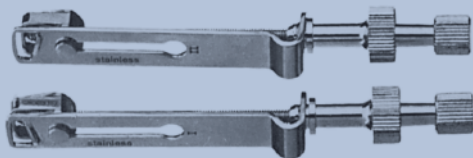


NYSTRÖM-FORM

1 Pair : REF 20

I = left : REF 20XI

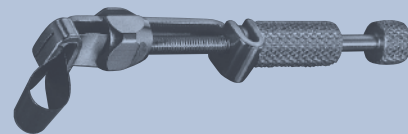
II = right : REF 20XII



TOFFLEMIRE-FORM UNIVERSAL

REF 21 with removable sliding carriage for easy cleaning

REF 25 with permanent fixed sliding carriage

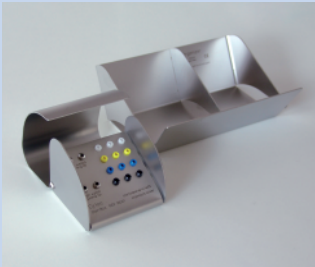


System Box+ Organizer

FOR POST SYSTEMS

Made out of stainless steel





| System Box | | REF |
|---|------|--------|
| System Box for Cytec, empty | each | 10 001 |
| System Box for Contec, empty | each | 10 002 |
| System Box for Exatec fiber, empty | each | 10 003 |
| System Box for Exatec Titan, empty | each | 10 004 |
| System Box for Exatec-S Titan, empty | each | 10 005 |
| Organizer for System Box and Blister Package, empty | each | 10 000 |

Exatec

Exatec Titanium

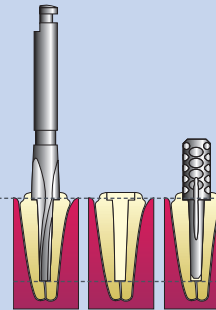
ROOT POST SYSTEM



HAHNENKRATT.COM

The Exatec Calibration Drill

with integrated head cutter calibrates a precise support



The precise support

ensures the axial support of the post head in the dentine and stops precisely the movement of post to the apical direction.



Exatec

Passive root posts made of Titanium with a micro-rough surface.

Exatec-S

Active root posts made of Titanium with a special shaped self-tapping thread.

The anchoring is made with maximum 3 rotations without putting strain to the dentine and with a torque of only 7,9 +/- 1,7 Ncm*) that is comparatively low.

*) determined in a comparative dissertation in 1994

Exatec-G

Casting posts and temporary posts for the casted reconstruction.

Optimized stability of reconstruction

The conical apical part can be designed longer than a cylindrical shape and has an exceptionally small end. Due to these advantages the conical Exatec posts can be inserted deeply into the root canal.

Exatec

Exatec Titanium

ROOT POST SYSTEMS

THE SYSTEM

A root post which is conically shaped in its apical section has many advantages over cylindrical posts:

Due to the fact that conical shape corresponds to the contour of most natural roots, more tooth substance is preserved in the critical area, and the risk of root fracture is minimised. The Exatec post is thickest and therefore strongest at the point of greatest stress i. e. at the point between apical part of post and post head.

However, conical posts must have a secure fitting, which is free from tension. With this requirement in mind, the Exatec Calibration Drill was developed. Head Cutter and Drill combined to one single instrument. The Calibration Drill prepares a precisely calculated support, centred and aligned for the Exatec Post.

The post head is designed to fit tightly into the calibrated post support, thereby providing improved fracture resistance and the highest preservation of tooth substance possible.



Exatec-S root post

precise placing by using
Glasionemercement Ketac Cem
Radiopaque, because of a minimal
grain size of 0,1 – 1,2 μm
(magnification 10x)

EXATEC



Titanium post

- 2 cement escape grooves
- Large post cross-section (> 3 mm²) and rounded juncture provide for high strength
- Rounded tip

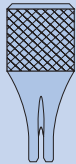


REF 42 300



REF 10 000 +
REF 10 004
(empty)

EXATEC-S



Titanium post

- 4 cement escape grooves
- Large post cross-section (> 3 mm²) and rounded juncture provide for high strength
- Self-tapping thread
- Rounded tip

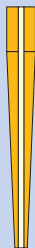


REF 45 500



REF 10 000 +
REF 10 005
(empty)

EXATEC-G






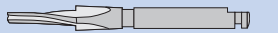
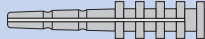
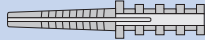




Casting Post
with 2 cement escape grooves

Temporary Post
Stainless steel

Rounded tip



REF 42 700

| Exatec Titanium Root Post System | | Post head-Ø apic. length apic. Stift Ø ▲ apic. Stift Ø ▼ mm | universal | 2,6 6,6 | 2,7 8,0 | 2,8 9,7 | 3,0 11,4 |
|---|---|---|-----------------|------------|------------|------------|-------------|
| | | Code | - | white | yellow | blue | black |
| Instruments, universal for all Modules | | package of | REF | | | | |
|  | Preshaping Drill with guiding tip | 1 | 42 010 | | | | |
|  | Preshaping Drill with cutting tip | 1 | 43 000 | | | | |
|  | Pilot Drill with partial cutting tip | 1 | 42 100 | | | | |
|  | Calibration Drill | 1 | | 42 001 | 42 002 | 42 003 | 42 004 |
| | Measuring Template | 1 | 42 050 | | | | |
| Exatec | Set Standard | Assortment | 42 300 | | | | |
| | Test Set | Assortment | 42 302 | | | | |
|  | Titanium-Post | 10 | | 42 311 | 42 312 | 42 313 | 42 314 |
| System Box + Organizer, empty | | 1 | 10 004 + 10 000 | | | | |
| Exatec-S | Set Standard | Assortment | 45 500 | | | | |
| | Test Set | Assortment | 45 502 | | | | |
|  | Titanium Screw Post | 10 | | 45 511 | 45 512 | 45 513 | 45 514 |
|  | Screw Driver | 1 | 45 522 | | | | |
| System Box + Organizer, empty | | 1 | 10 005 + 10 000 | | | | |
| Exatec-G | Set Standard | Assortment | 42 700 | | | | |
| | Test Set | Assortment | 42 702 | | | | |
|  | Casting/ Impression Post Plastic | 50 | 42 720 | | | | |
|  | Impression Post Metal | 10 | 42 750 | | | | |
|  | Temporary Post Stainless Steel | 10 | | 42 731 | 42 732 | 42 733 | 42 734 |

Content of the assortment: Please see our price list.

Exatec

Exatec

ROOT POST SYSTEM

Exatec is designed for teeth with high coronal damage.



Overview of your advantages:

Utmost bending strength

HT-Carbonfiber: 1.857 MPa

HT-Glassfiber: 1.678 MPa

Determined accordingly to EN ISO 178

Utmost fatigue and fracture resistance

Homogeneity due to dentin-like elasticity

Safe adhesion due to micro-retentive surface

Effectively and sharply cutting burs

High radiopacity

Scientifically and practically proved since 1995

For further information please see our brochure or visit our website www.hahnenkratt.com.



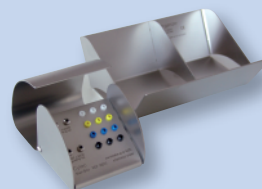
Bionics offers indications for the technical way of designing biological systems.
Even the fibre reinforced composite technique originates from biological structures.






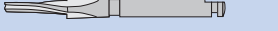
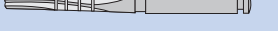




REF 42 600



REF 42 610



REF 10 003 + REF 10 000

| Exatec Root Post System | | Post head-Ø apik. length apic. Ø apic. Ø mm | universal | 2,6 | 2,7 | 2,8 | 2,2 |
|---|---|---|-----------------|---------------------|---------------------|---------------------|-----------------|
| | | | | 6,6 | 8,0 | 9,7 | - |
| | | | | 1,461 0,98 mm | 1,559 0,98 mm | 1,681 0,98 mm | - 0,98 mm |
| Code | | - | white | yellow | blue | green | |
| package of | | REF | | | | | |
|  | Preshaping Drill with guiding tip | 1 | 42 010 | | | | |
|  | Preshaping Drill with cutting tip | 1 | 43 000 | | | | |
|  | Pilot Drill with partial cutting tip | 1 | 42 100 | | | | |
|  | Calibration Drill | 1 | | 42 001 | 42 002 | 42 003 | |
|  | Calibration Drill | 1 | | | | | 42 005 |
| Exatec Carbon HT-Carbonfiber | Set Standard | Assortment | 42 400 | | | | |
| | Trial Kit | Assortment | 42 410 | | | | |
|  | HT-Carbonfiber | 10 | | 42 411 | 42 412 | 42 413 | |
|  | HT-Carbonfiber | 10 | | | | | 42 415 |
| Exatec blanco HT-Glassfiber | Set Standard | Assortment | 42 600 | | | | |
| | Trial Kit | Assortment | 42 610 | | | | |
|  | HT-Glassfiber | 10 | | 42 611 | 42 612 | 42 613 | |
|  | HT-Glassfiber | 10 | | | | | 42 615 |
| System Box + Organizer, empty | | 1 | 10 003 + 10 000 | | | | |

Content of the assortment: Please see our price list.

Cytec

ROOT POST SYSTEM

Cytec is designed for roots with rather cylindrical shape.

Overview of your advantages:

Utmost bending strength

HT-Carbonfiber: 1.857 MPa

HT-Glassfiber: 1.678 MPa

Determined accordingly to EN ISO 178

Utmost fatigue and fracture resistance

Homogeneity due to dentin-like elasticity

Safe adhesion due to micro-retentive surface

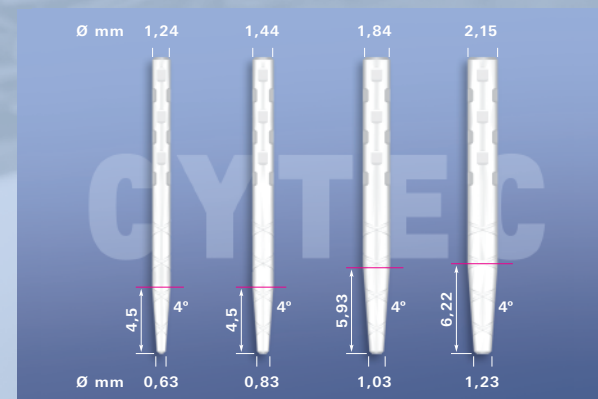
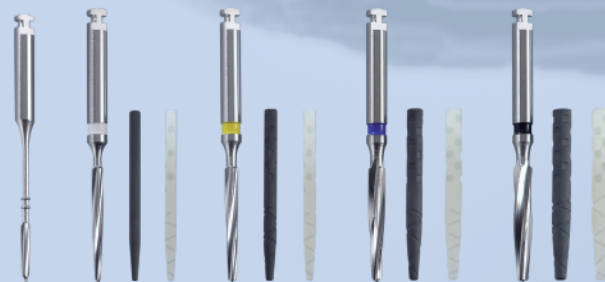
Effectively and sharply cutting burs

High radiopacity

Scientifically and practically proved since 1995



For further information
please see our brochure
or visit our website
www.hahnenkratt.com.

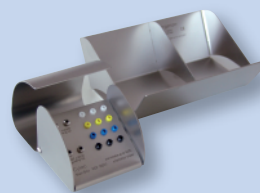







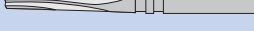


REF 43 600



REF 43 610



REF 10 001 + REF 10 000

| Cytec Root Post System | | | universal | 1,2 mm | 1,4 mm | 1,8 mm | 2,2 mm |
|---|--------------------------------------|------------|-----------------|----------|----------|----------|--------|
| | | Code | – | white | yellow | blue | black |
| | | package of | REF | | | | |
|  | Preshaping Drill with guiding tip | 1 | 42 010 | | | | |
|  | Preshaping Drill with cutting tip | 1 | 43 000 | | | | |
|  | Calibration Drill | 1 | | 43 001 | 43 002 | 43 003 | 43 004 |
|  | Calibration Drill with long shank | 1 | | 43 001–L | 43 002–L | 43 003–L | |
| Cytec Carbon HT-Carbonfiber | Set Standard | Assortment | 43 400 | | | | |
| | Trial Kit | Assortment | 43 410 | | | | |
|  | HT-Carbonfiber | 10 | | 43 401 | 43 402 | 43 403 | 43 404 |
| Cytec blanco HT-Glassfiber | Set Standard | Assortment | 43 600 | | | | |
| | Trial Kit | Assortment | 43 610 | | | | |
|  | HT-Glassfiber | 10 | | 43 601 | 43 602 | 43 603 | 43 604 |
| System Box + Organizer, empty | | 1 | 10 001 + 10 000 | | | | |

Content of the assortment: Please see our price list.

Contec

ROOT POST SYSTEM

Contec is designed for roots with rather conical shape. The shape is designed with two different tapers and follows the natural shape of the root canal.

Overview of your advantages:

Utmost bending strength

HT-Carbonfiber: 1.857 MPa

HT-Glassfiber: 1.678 MPa

Determined accordingly to EN ISO 178

Utmost fatigue and fracture resistance

Homogeneity due to dentin-like elasticity

Safe adhesion due to micro-retentive surface

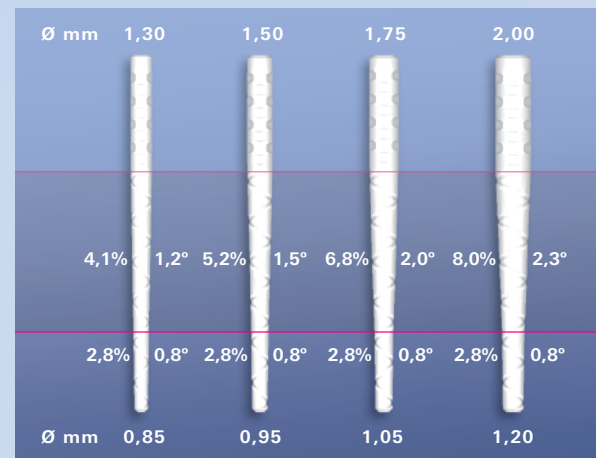
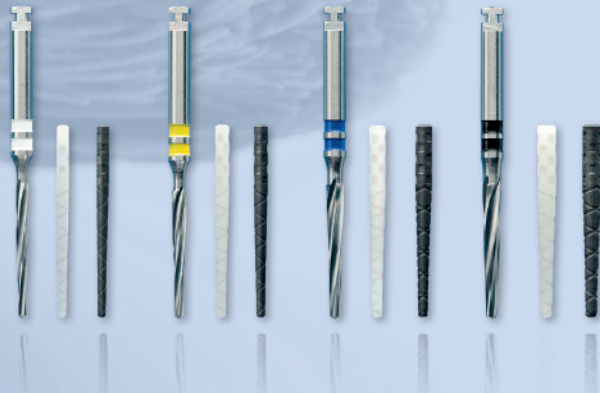
Effectively and sharply cutting burs

High radiopacity

Scientifically and practically proved since 1995



For further information please see our brochure or visit our website www.hahnenkratt.com.

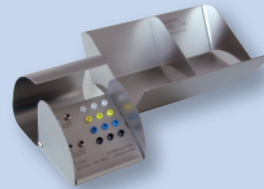






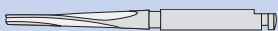


REF 44 600



REF 44 610



REF 10 002 + REF 10 000

| Contec Root Post System | | | universal | 1,30 mm | 1,50 mm | 1,75 mm | 2,00 mm |
|---|--------------------------------------|------------|-----------------|---------|---------|---------|---------|
| | | Code | - | white | yellow | blue | black |
| | | Package of | REF | | | | |
|  | Preshaping Drill with guiding tip | 1 | 42 010 | | | | |
|  | Preshaping Drill with cutting tip | 1 | 43 000 | | | | |
|  | Calibration Drill | 1 | | 44 001 | 44 002 | 44 003 | 44 004 |
| Contec Carbon HT-Carbonfiber | Set Standard | Assortment | 44 400 | | | | |
| | Trial Kit | Assortment | 44 410 | | | | |
|  | HT-Carbonfiber | 10 | | 44 401 | 44 402 | 44 403 | 44 404 |
| Contec blanco HT-Glassfiber | Set Standard | Assortment | 44 600 | | | | |
| | Trial Kit | Assortment | 44 610 | | | | |
|  | HT-Glassfiber | 10 | | 44 601 | 44 602 | 44 603 | 44 604 |
| System Box + Organizer, empty | | 1 | 10 002 + 10 000 | | | | |

Content of the assortment: Please see our price list.



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Root Post Systems

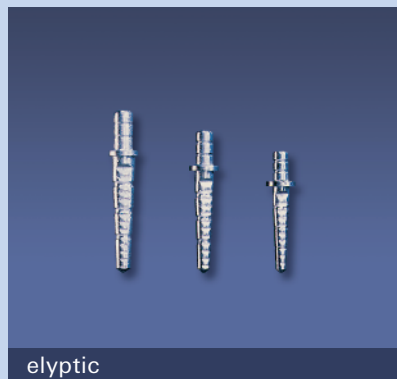
TITANIUM



economy

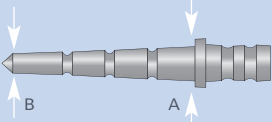
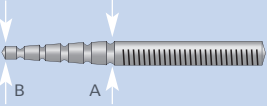

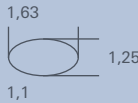
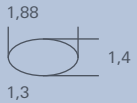
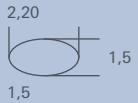


classic



elyptic



| Root Post Systems Titanium | Content | Length | 12 mm | 14 mm | 16 mm | 17 mm |
|---|---|---------------|---|--|---|-------------|
| | | REF | | | | |
| economy  | Assortment: 1 Pilot Drill 3 Calibration Drills 3 x 10 Root Posts | 41 250 | | | | |
| | Diameter A B | | 1,65 1,1 | 1,9 1,3 | 2,2 1,5 | |
| Combi-Package | 10 Posts, 1 Drill | | 41 200 | 41 201 | 41 202 | |
| Calibration Drill | 1 | | 40 000 | 40 001 | 40 002 | |
| classic  | Assortment: 1 Pilot Drill 2 Calibration Drills 2 x 10 Root Posts | 41 220 | | | | |
| | Diameter A B | | | 1,8 0,96 | | 1,8 0,96 |
| Combi-Package | 10 Posts, 1 Drill | | | 41 226 | | 41 221 |
| Calibration Drill | 1 | | | 40 026 | | 40 021 |
| elyptic  | Assortment: 3 x 10 Root Posts | 41 260 |  |  |  | |
| | Refill | 10 Root Posts | 41 210 | 41 211 | 41 212 | |
| Enlarging Drill, universal with cutting tip | 1 | 43 000 | | | | |



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Root Post Systems

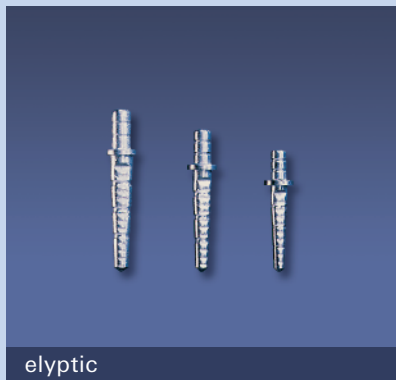
MEDICALLY PROOFED STAINLESS STEEL



economy

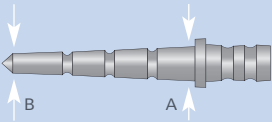
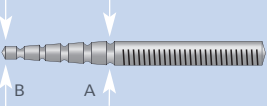

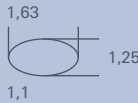
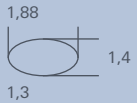
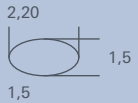


classic



elyptic



| Root Post Systems Stainless Steel | | Lengths | 12 mm | 14 mm | 16 mm | 17 mm |
|---|---|---------------|---|--|---|-------------|
| Contents | | REF | | | | |
| economy  | Assortment: 1 Pilot Drill 3 Calibration Drills 3 x 10 Root Posts | 40 250 | | | | |
| | Diameter A B | | 1,65 1,1 | 1,9 1,3 | 2,2 1,5 | |
| Combi-Package | 10 Posts, 1 Drill | | 40 200 | 40 201 | 40 202 | |
| Calibration Drill | 1 | | 40 000 | 40 001 | 40 002 | |
| classic  | Assortment: 1 Pilot Drill 2 Calibration Drills 2 x 10 Root Posts | 40 220 | | | | |
| | Diameter A B | | | 1,8 0,96 | | 1,8 0,96 |
| Combi-Package | 10 Posts, 1 Drill | | | 40 226 | | 40 221 |
| Calibration Drill | 1 | | | 40 026 | | 40 021 |
| elyptic  | Assortment: 3 x 10 Root Posts | 40 260 |  |  |  | |
| | Refill | 10 Root Posts | 40 210 | 40 211 | 40 212 | |
| Enlarging Drill, universal with cutting tip | 1 | 43 000 | | | | |



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ExaPin

PARAPULPAL PIN

ExaPin parapulpal pin made of x-ray visible HT-Glassfiber.

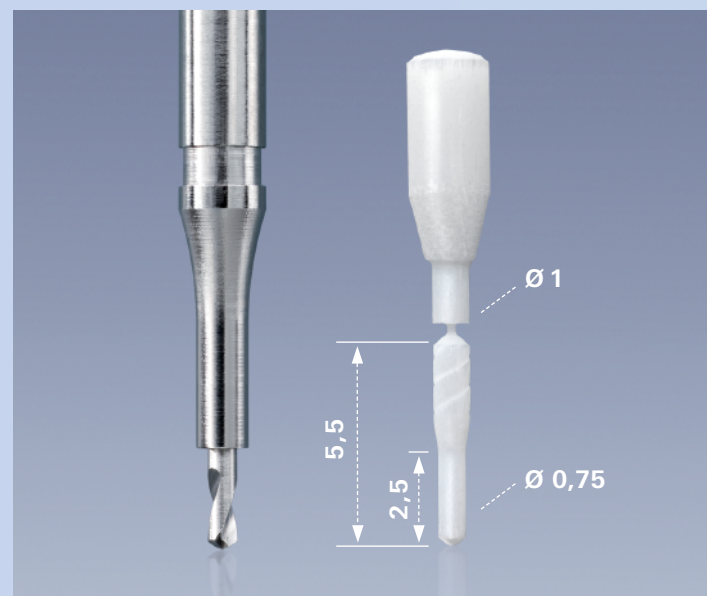
Your advantages:

Dentine preserving and stress-free insertion:

Due to a dentine similar E-module, a more homogeneous restoration than with a titanium pin can be expected.

Efficient and safe handling:

Due to a placing part, which can be easily removed by just twisting after the composite is cured.





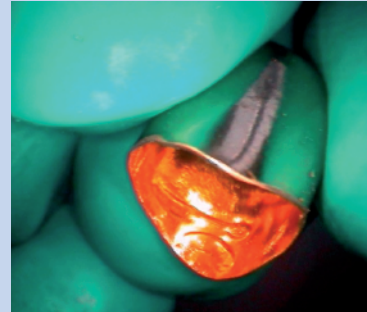
| ExaPin | Size | Content | REF |
|------------------|-----------|-------------------|-------|
| ExaPin Trial Kit | | 1 drill, 4 ExaPin | 46000 |
| ExaPin drills | Ø 0,75 mm | 1 | 46005 |
| ExaPin pins | Ø 0,75 mm | 5 | 46615 |

PROTECT

THE PERFECT TEMPORARY CROWN



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Aluminium silver coloured



Aluminium gold coloured



Free of nickel

For patients with metallic dental fillings (e.g. Amalgam, Gold) in their dentures, we recommend to use PROTECT Crowns REF 480X... with passivated, gold coloured oxide layer.

Economical and efficient

- time-saving, because there is no need to make an impression
- cost-saving, because of low material costs

Optimal fixation of the occlusion

No harmful influence to the vitality of the pulpa

While using temporary composites, high temperature can occur which can be harmful for the pulpa.*)

Tested concerning biocompatibility according to ISO 10993

*) Literature: Scientific report in Quintessenz 51,4,349-356(2000)



| PROTECT Temporary Crowns | Contents | REF | |
|--|----------|-----------------|---------------|
| | | silver coloured | gold coloured |
| 64 Molars + 36 Bicuspid Assortment | 100 | 368 | 483 |
| Refill Please add size | 4 | 360X... | 480X... |

| | | | | | | | | | | | | | | | | |
|---------------------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Molars upper right | MUR | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Molars upper left | MUL | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Molars lower right | MLR | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Molaren lower left | MLL | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Bicuspid upper | BU | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Bicuspid lower | BL | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |

Temporary Crowns are also available in the export-sizes 1-20.

PROVISA

THE ECONOMICAL TEMPORARY SOLUTION



Aluminium



Tin

Individual adaption

by using a shell and modulation of the fissures by the occlusion

Free of nickel

For patients with metallic dental fillings (e.g. Amalgam, Gold) in their dentures, we recommend to use PROTECT Crowns REF 480X... with passivated, gold coloured oxide layer.

Economical and efficient

- time-saving, because there is no need to make an impression
- cost-saving, because of low material costs

Optimal fixation of the occlusion

No harmful influence to the vitality of the pulpa

While using temporary composites, high temperature can occur which can be harmful for the pulpa.*)

Tested concerning biocompatibility according to ISO 10993

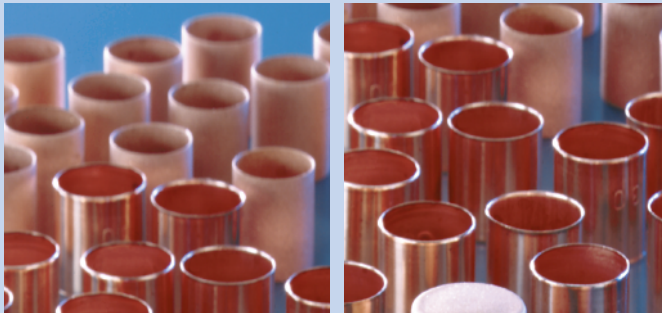
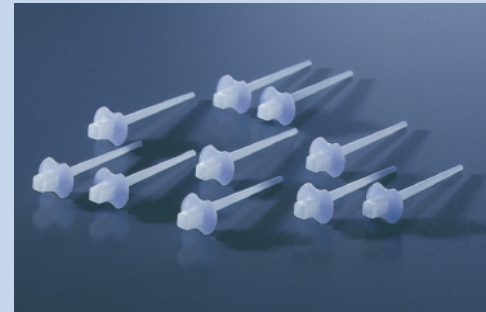
*) Literature: Scientific report in Quintessenz 51,4,349-356(2000)



| PROVISA Shells | REF | | |
|-------------------------|----------|------------------|------------|
| | Contents | Aluminium Shells | Tin Shells |
| Plastic assortment | 100 | 372 | 378 |
| Cardboard assortment | 100 | 371 | |
| Refill, Please add size | 100 | 370X... | |
| Refill, Please add size | 10 | 374X... | 382X... |

IMPRESSION

Copperbands ATR-Impression Shells



For exact impression, especially in the subgingival section.

Economical

The exact impression forms an accurate fitting crown, which is precise in every detail. Later corrections of the finished work, caused by insufficient impression, are time-consuming and expensive and therefore inefficient.



REF 503 H



ATR-Kappen

| Copper Bands | Contents | REF | | | | |
|-------------------------|----------|-----------------------|-----------|-----------------------------|-----------|--------------------|
| | | Copper Bands polished | | Copper Bands rough adhesive | | ATR rough adhesive |
| | | hard | soft | hard | soft | soft |
| Gauges kit | 100 | 502 H | 502 W | 503 H | 503 W | |
| Plastic assortment | 100 | 310 H | 310 W | 295 H | 295 W | 126 |
| Cardboard assortment | 100 | 306 H | 306 W | | | |
| Refill, Please add size | 100 | 305 HX... | 305 WX... | | | |
| Refill, Please add size | 10 | 302 HX... | 302 WX... | 288 HX... | 288 WX... | 125 |
| ATR-impression shells | 50 | | | | | 127 |



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Riveting Wheels



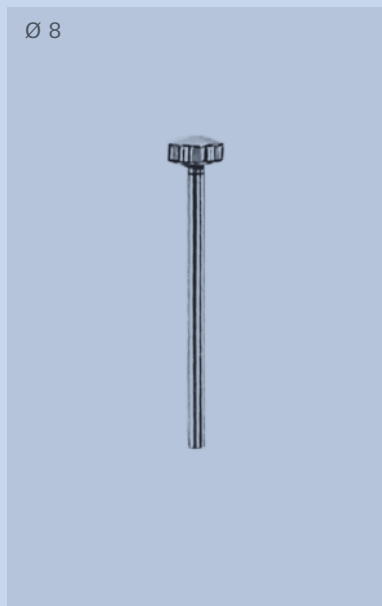
While using riveting wheels no gold is removed.

For correction of crowns with overhanging edges

For smoothing porous castings

For riveting of long pivoteeth

on a scale of 1:1



| Riveting Wheels | | |
|-----------------|-----|-----|
| REF | | |
| 320 | 321 | 322 |

»PULLover«

RETRACTION TUBE

The »PULLover« is a stretchable tube which just needs to be pulled over the tooth stump.

The features are:

Easy to fit

Time-saving adaption procedure

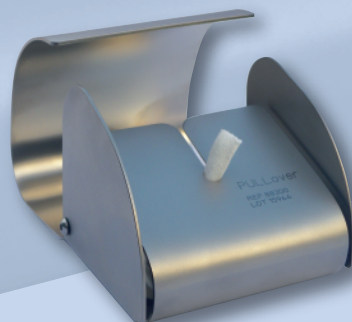
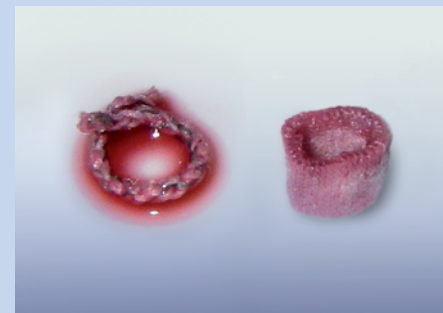
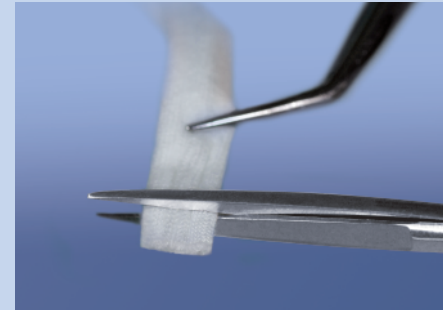
Just pull over the tooth stump

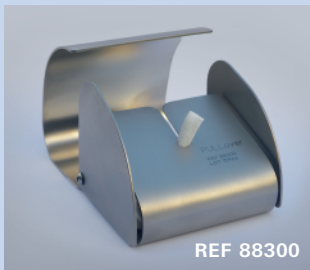
Improved position stability in the sulcus

Thanks to its elasticity

Oustandingly absorptive

Thanks to special treated synthetic fibers. The meshes function as pores, which improve the suction power with their capillary action.





REF 88300



REF 88200



REF 88110



REF 88100

»Pullover« Retractiontube, length 40 cm

| »PULLover« | | REF |
|--|------------|--------|
| Intro Kit: Retraction Tube, Ø 5 mm, length 40 cm, in Dispenser (REF 88110) Application Tweezers, stainless steel (REF 88200) Instruction for Use | Assortment | 88 400 |
| Test Kit: Retraction Tube, Ø 5 mm, length 10 cm Application Tweezers, stainless steel (REF 88200) Instruction for Use | Assortment | 88 500 |
| Retraction Tube , Ø 5 mm, length 40 cm, Refill Pack | each | 88 100 |
| Retraction Tube , Ø 5 mm, length 40 cm, Dispenser, refillable | each | 88 110 |
| Application Tweezers , stainless steel | each | 88 200 |
| Dispenser , stainless steel | each | 88 300 |



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SHARPcut

SHARPcut

CROWN CUTTERS

Due to their optimized criss-cross cutting parts, the SHARPcut crown cutters are suitable for easily cutting crowns of metal alloys, as well as veneers made of low fusion ceramics and for composites.

The features are:

Minimized risk of fracture

Optimized cutting characteristics

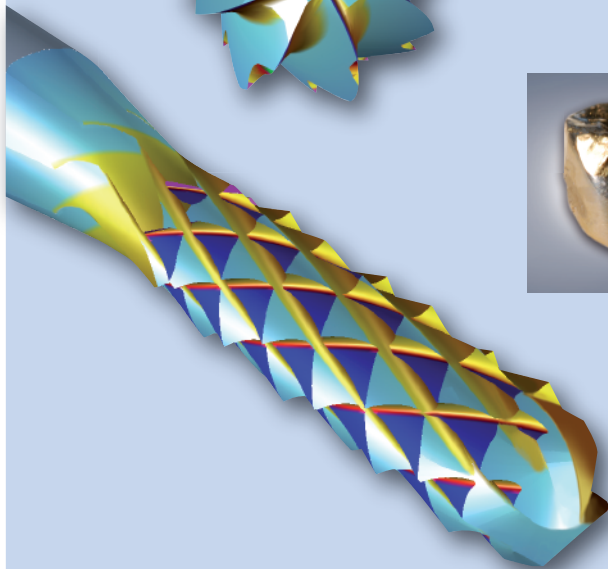
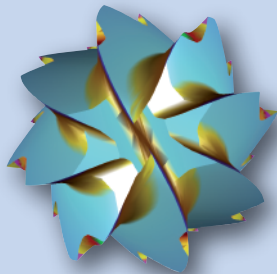
due to optimized criss-cross blade design

The results are:

- high material reduction
- minimized vibration
- longterm performance

Easy penetration

Due to transversal blades at the tip





| SHARPcut Crown Cutters | | | | Solid Carbide |
|--------------------------|--|--------|----------|---------------|
| | Length cutting part | Code | Contents | REF |
| Ø 1,0 mm | 2 mm | white | 5 | 9202 |
| Ø 1,0 mm | 4 mm | white | 5 | 9204 |
| Ø 1,2 mm | 2 mm | yellow | 5 | 9222 |
| Ø 1,2 mm | 4 mm | yellow | 5 | 9224 |
| Ø 1,4 mm | 2 mm | blue | 5 | 9242 |
| Ø 1,4 mm | 4 mm | blue | 5 | 9244 |
| SHARPcut Trial Kit | 1 piece Ø 1,2 mm / 2 mm / yellow 1 piece Ø 1,2 mm / 4 mm / yellow 1 piece Ø 1,4 mm / 4 mm / blue | | 3 | 9210 |



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PoliDisk

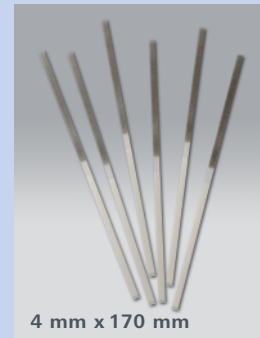
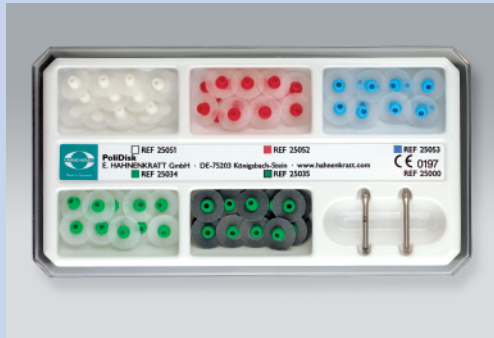
POLISHING DISCS



PoliDisk polishing discs made of extra thin 50 µm polyester foil – or 75 µm for x-coarse. The PoliDisk with white grit is coated with aluminum-oxide, the PoliDisk with black grit with carbon silicide.

PoliDisk Mandrel with hexagonal mandrell holding fixture to avoid twisting, thus enabling efficient polishing.

PoliStripe polishing stripes for manual mode with two different grits for the treatment of the approximal areas.



| | | | |
|---|-------------------------------|-----------------------------|------------------------------|
| PoliDisk Mandrel box of 5 | | REF | |
| universal | | 25000 | |
| PoliDisk box of 40 | grit | Ø 9 mm REF | Ø 13 mm REF |
| white (fine) | 9 µm aluminium oxide | 25041 | 25051 |
| red (medium) | 30 µm aluminium oxide | 25042 | 25052 |
| blue (coarse) | 50 µm aluminium oxide | 25043 | 25053 |
| green (x-coarse) | 70 µm aluminium oxide | 25004 | 25034 |
| green (x-coarse), black grit | 70 µm carbon silicide | 25005 | 25035 |
| Starter Kit Content: 2 Mandrel, 5x20 PoliDisk, assorted | | 25100 | 25200 |
| Trial Set Content: 1 Mandrel, 5x2 PoliDisk, assorted | | | 25020 |
| PoliStripe box of 80 | grit | REF | |
| white + grey (medium + coarse) | 30 µm + 50 µm aluminium oxide | 25300 | |

PoliTool

PoliTool

filled with carbon silicide to polish, for example, precious metals or amalgam.

PoliTool Composite

filled with carbon silicide recommended for composites.






PoliTool ceram

filled with **micro-fine diamond powder**. These are especially convenient for shaping, smoothing and high lustre polishing hard materials, like ceramic or composites.

Pink coloured polishers for pre-polishing and grey polishers for high lustre polishing.





| PoliTool, box of 5 | | | | PoliTool Compos., box of 5 | | PoliTool ceram, box of 1 | |
|---|----------------------------|----------------------|------------------------|-------------------------------|----------------------------|--------------------------|---------------------|
| | dark grey medium REF | brown fine REF | green x-fine REF | light yellow medium REF | light green fine REF | pink medium REF | grey fine REF |
|  | 20021 | 20001 | 20011 | 23001 | 23011 | 22001 | 22011 |
|  | 20022 | 20002 | 20012 | 23002 | 23012 | 22002 | 22012 |
|  | 20023 | 20003 | 20013 | 23003 | 23013 | 22003 | 22013 |
|  | | 20004 | 20014 | 23004 | 23014 | 22004 | 22014 |
|  | 20025 | | | | | | |
| PoliTool Trial Kit Content: 12 polishers, each 1 polisher brown + green + dark grey | 20000 | | | | | | |
| PoliTool Composite Trial Kit Content: 2 polishers REF 23002, REF 23012 | | | | 23000 | | | |
| PoliTool ceram Trial Kit Content: 2 polishers REF 22002, 22012 | | | | | | 22000 | |
| System Box, each | 10009 | | | | | | |