

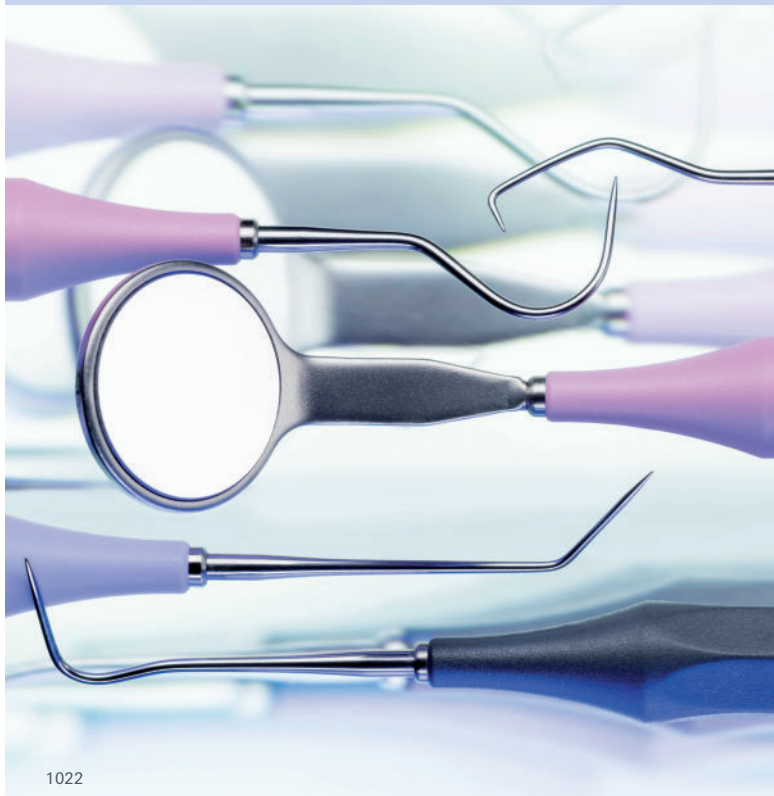


HAHNENKRATT.COM

# ERGOform

ERGOform EXPLORERS

ERGOform HANDLES FOR MOUTH MIRRORS



## 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.

## ERGOform Explorer

made out of 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.**

							
	<b>Handles for Mouth Mirrors</b> REF	<b>Form A</b> 010 Fig. 23 REF	<b>Form C</b> 030 Fig. 8 REF	<b>Form D</b> 040 Fig. 9 REF	<b>Form F</b> 060 Fig. 6 REF	<b>Form G</b> 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



HAHNENKRATT.COM

# ULTRAVision FS

FRONT SURFACE



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

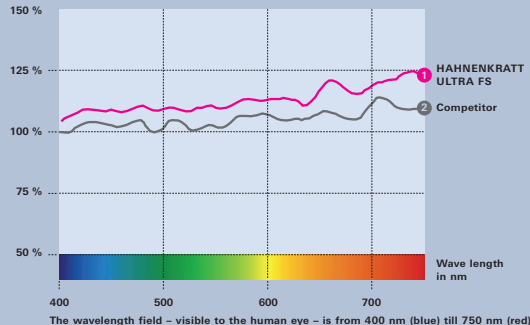
**The new unique design of the mirror layers provides superior bright images and crystal clarity previously unavailable.**



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

Reflection in comparison to Aluminium  
150 %

## GRAPHIC REFLECTION



Determined by Fraunhofer Institute Germany

**The ULTRAVision features are:**

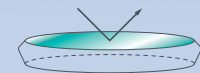
**Highest reflection with crystal clear brightness**

**Superior colour accuracy, without any discoloration**

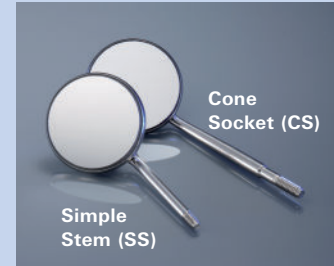
**Exact sharpness**

**Scratch resistant**

only one reflection eliminates the so-called »ghost image«  
→ 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

# Mirrors

## Photography Mirrors

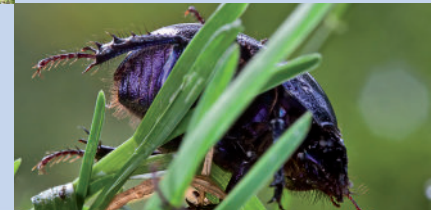
RHODIUM FRONT SURFACE  
+ ULTRA FRONT SURFACE



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.  
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

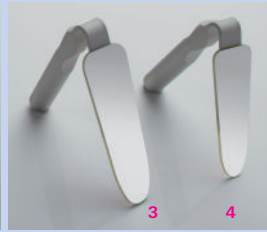
Information, tips and tricks as well as dates of photography courses can be found on [www.dentalfotografie.com](http://www.dentalfotografie.com)



REF 6660 KO / empty



REF 6530 X ... / 6730 X ...



REF 6540 X ... / 6740 X ...



REF 6550 X ... / 6750 X ...

**Photography Mirrors** | for intraoral photos, front surface coated.

	mm	REF FS Rhodium double-sided without handle	REF FS Rhodium handle bent	REF ULTRA FS handle bent	REF FS Rhodium handle V-shaped	REF ULTRA FS handle V-shaped	REF FS Rhodium handle straight	REF ULTRA FS handle straight
1	58 x 76	6300 X 1	6530 X 1	6730 X 1			6550 X 1	6750 X 1
	66 x 95	6300 X 5	6530 X 5	6730 X 5			6550 X 5	6750 X 5
2	74 x 106	6300 X 2	6530 X 2	6730 X 2			6550 X 2	6750 X 2
3	42 x 128	6300 X 3	6530 X 3	6730 X 3	6540 X 3	6740 X 3		
4	36 x 120		6530 X 3KFO	6730 X 3KFO	6540 X 3KFO	6740 X 3KFO		
	55 / 40 x 157	6300 X 4						
	53 / 31 x 142	6300 X 6						
	86 / 77 x 133	6300 X 7						
	71 / 62 x 133	6300 X 8						
	47 x 153	6300 X 9						

Suitcase for Photogr. Mirrors		REF
For 3 Photography Mirrors with handle, empty Outside: 285x240x100 mm	each	6660 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**

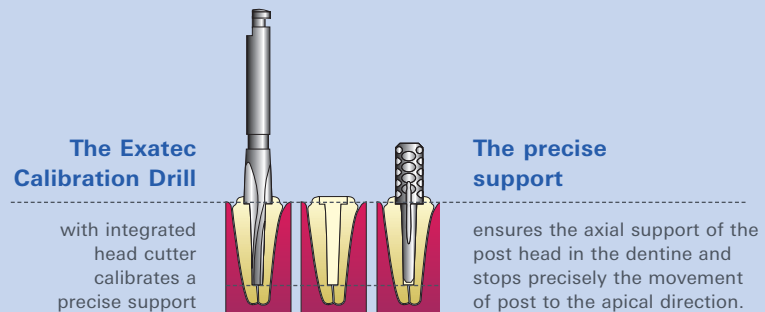
151

**Siqveland, wide: 6 x 85 mm**

# Exatec

## Exatec Titanium

### ROOT POST SYSTEM



#### 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

#### 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  
Glasionenemercement Ketac Cem  
Radiopaque, because of a minimal  
grain size of 0,1 – 1,2  $\mu$ m  
(magnification 10x)

## EXATEC

### Root Post, Titanium



- ..... 2 cement escape grooves
- ..... Large post cross-section (> 3 mm<sup>2</sup>) and rounded juncture provide for high strength
- ..... Rounded tip



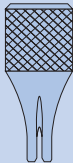
REF 42 300



REF 10 000 +  
REF 10 004  
(empty)

## EXATEC-S

### Root Post, Titanium



- ..... 4 cement escape grooves
- ..... Large post cross-section (> 3 mm<sup>2</sup>) and rounded juncture provide for high strength
- ..... Self-tapping thread
- ..... Rounded tip





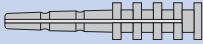
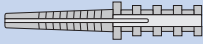



REF 45 500



REF 10 000 +  
REF 10 005  
(empty)

The Standard Sets and Test Sets are shipped  
in a SHIPPING BOX.  
Posts and Drills each in blister packs.

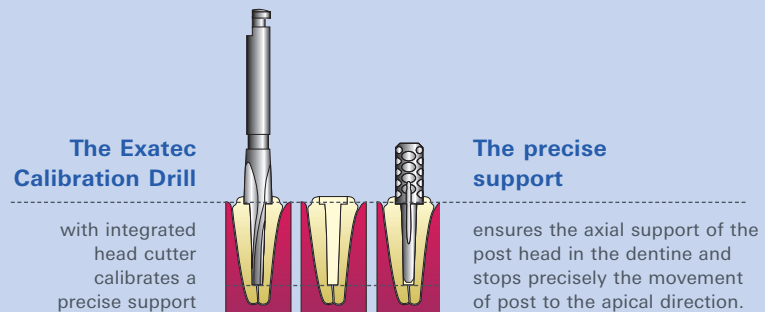
<b>Exatec Titanium Root Post System</b>		Post head-Ø apik. length apic. Stift Ø ▲ apic. Stift Ø ▼ mm	universal	2,6 6,6	2,7 8,0	2,8 9,7	3,0 11,4
		Code	–	white	yellow	blue	black
<b>Instruments, universal for all Modules</b>		<b>package of</b>	<b>REF</b>				
	Preshaping Drill with guiding tip	1	42 010				
	Preshaping Drill with cutting tip	1	43 000				
	Pilot Drill	1	42 100				
	Calibration Drill	1		42 001	42 002	42 003	42 004
	Measuring Template	1	42 050				
<b>Exatec</b>	Standard Set	Assortment	<b>42 300</b>				
	Test Set	Assortment	<b>42 302</b>				
	Root Post	10		42 311	42 312	42 313	42 314
<b>System Box + Organizer, empty</b>		1	10 004 + 10 000				
<b>Exatec-S</b>	Standard Set	Assortment	<b>45 500</b>				
	Test Set	Assortment	<b>45 502</b>				
	Root Post	10		45 511	45 512	45 513	45 514
	Insertion-Tool	1	45 522				
<b>System Box + Organizer, empty</b>		1+1	10 005 + 10 000				

The Standard Sets and Test Sets are shipped in a SHIPPING BOX. Posts and Drills each in blister packs.  
Please see the price list for the contents.

# Exatec

## Exatec Titanium

ROOT POST SYSTEM



### 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

### 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  
Glasionenemercement Ketac Cem  
Radiopaque, because of a minimal  
grain size of 0,1 – 1,2  $\mu$ m  
(magnification 10x)



## EXATEC

### Root Post, Titanium



- ..... 2 cement escape grooves
- ..... Large post cross-section (> 3 mm<sup>2</sup>) and rounded juncture provide for high strength
- ..... Rounded tip



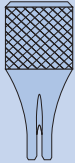
REF 42 300



REF 10 000 +  
REF 10 004  
(empty)

## EXATEC-S

### Root Post, Titanium



- ..... 4 cement escape grooves
- ..... Large post cross-section (> 3 mm<sup>2</sup>) and rounded juncture provide for high strength
- ..... Self-tapping thread
- ..... Rounded tip



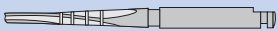

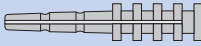
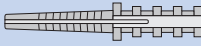



REF 45 500



REF 10 000 +  
REF 10 005  
(empty)

The Standard Sets and Test Sets are shipped in a SHIPPING BOX.  
Posts and Drills each in blister packs.

<b>Exatec Titanium Root Post System</b>		Post head-Ø apik. 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
<b>Instruments, universal for all Modules</b>		<b>package of</b>	<b>REF</b>				
	Preshaping Drill with guiding tip	1	42 010				
	Preshaping Drill with cutting tip	1	43 000				
	Pilot Drill	1	42 100				
	Calibration Drill	1		42 001	42 002	42 003	42 004
	Measuring Template	1	42 050				
<b>Exatec</b>	Standard Set	Assortment	<b>42 300</b>				
	Test Set	Assortment	<b>42 302</b>				
	Root Post	10		42 311	42 312	42 313	42 314
<b>System Box + Organizer, empty</b>		1	10 004 + 10 000				
<b>Exatec-S</b>	Standard Set	Assortment	<b>45 500</b>				
	Test Set	Assortment	<b>45 502</b>				
	Root Post	10		45 511	45 512	45 513	45 514
	Insertion-Tool	1	45 522				
<b>System Box + Organizer, empty</b>		1+1	10 005 + 10 000				

The Standard Sets and Test Sets are shipped in a SHIPPING BOX. Posts and Drills each in blister packs. Please see the price list for the contents.