

# Catalogue 2013



Our Leading Products

 **RECIPROC®**

 **VDW® STERILE**

**RAYPEX® 6**

**VDW.ULTRA®**

**GUTTAFUSION®**

**DT ILLUSION™ SL  
XRO®** 

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**VDW. The Company**  
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# Access Preparation, Pulp Extraction

1

## VDW®STERILE Gates Enlargers

### For enlargement of the coronal third

- Stainless Steel
- Recommended speed 800-1,200 rpm
- Non-cutting tip
- With predetermined breaking point at the shank; if the instrument fractures, it can be removed easily
- Ring marking
- Blister of 6 pieces
- Also available in non-sterile packaging



Size	19 mm ●	19 mm ▲	
1 / 50	380 019 001	180 019 001	
2 / 70	380 019 002	180 019 002	
3 / 90	380 019 003	180 019 003	
4 / 110	380 019 004	180 019 004	
5 / 130	380 019 005	180 019 005	
6 / 150	380 019 006	180 019 006	
1-6 / 50-150	380 019 300	180 019 300	

## Peeso Enlargers

### For enlargement of the coronal third

- Stainless Steel
- Recommended speed 800-1,200 rpm
- Non-cutting tip
- Ring marking
- Blister of 6 pieces



Size	19 mm	
1 / 70	183 019 001	
2 / 90	183 019 002	
3 / 110	183 019 003	
4 / 130	183 019 004	
5 / 150	183 019 005	
6 / 170	183 019 006	
1-6 / 70-170	183 019 300	

## Beutelrock Reamers

### For enlarging coronal and straight root canal sections

- Stainless Steel
- Recommended speed 450-800 rpm
- Cylindrical
- ISO colour coded
- Blister of 6 pieces



Size		18mm	
1 / 35	○	944 018 001	
2 / 45	●	944 018 002	
3 / 60	●	944 018 003	
4 / 75	●	944 018 004	
5 / 90	●	944 018 005	
6 / 105	●	944 018 006	
1-6 / 35-105		944 018 300	

## Beutelrock Enlargers

### For flaring of root canal orifices

- Stainless Steel
- Recommended speed 800-1,200 rpm
- ISO colour coded
- Blister of 6 pieces

NON  
STERILE

Size		11 mm
1 / 90	○	947 011 001
2 / 100	●	947 011 002
3 / 120	●	947 011 003
4 / 140	●	947 011 004
5 / 160	●	947 011 005
6 / 180	●	947 011 006
1-6 / 90-180		947 011 300



## VDW®STERILE Barbed Broaches

### For easy and safe pulp tissue removal

Flexible barbs are arranged spirally on the cone shaped core. The size corresponds to 1/2 of the core diameter. The barbs are resilient and do not break in the canal if used properly.

- Stainless Steel, CC-Cord® Handle
- ISO colour coded
- 150 pieces, in blister packs

VDW®  
STERILE

Size		21 mm
XXXXF / 0	●	333 021 410
XXXF / 1	○	333 021 420
XXF / 2	●	333 021 430
XF / 3	●	333 021 440
F / 4	●	333 021 450
M / 5	●	333 021 460
C / 6	●	333 021 470
XXF-F / 2-4		333 021 480



E

 **RECIPROC<sup>®</sup>**



E



E

NiTi Systems and Motors

2

**RECIPROC<sup>®</sup>**  
*one file endo*



**Also for  
Retreatment!**

# A successful concept for single file root canal preparation

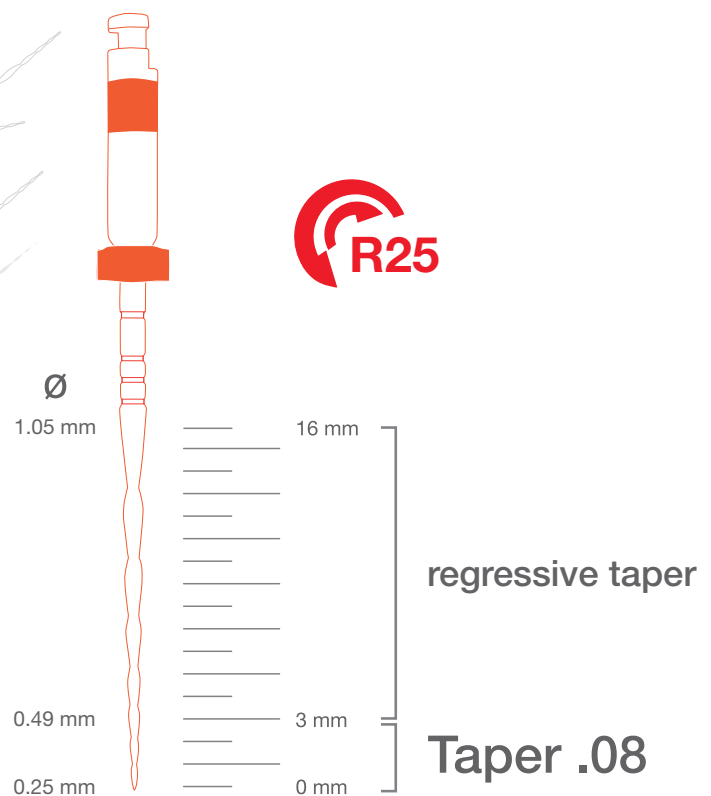
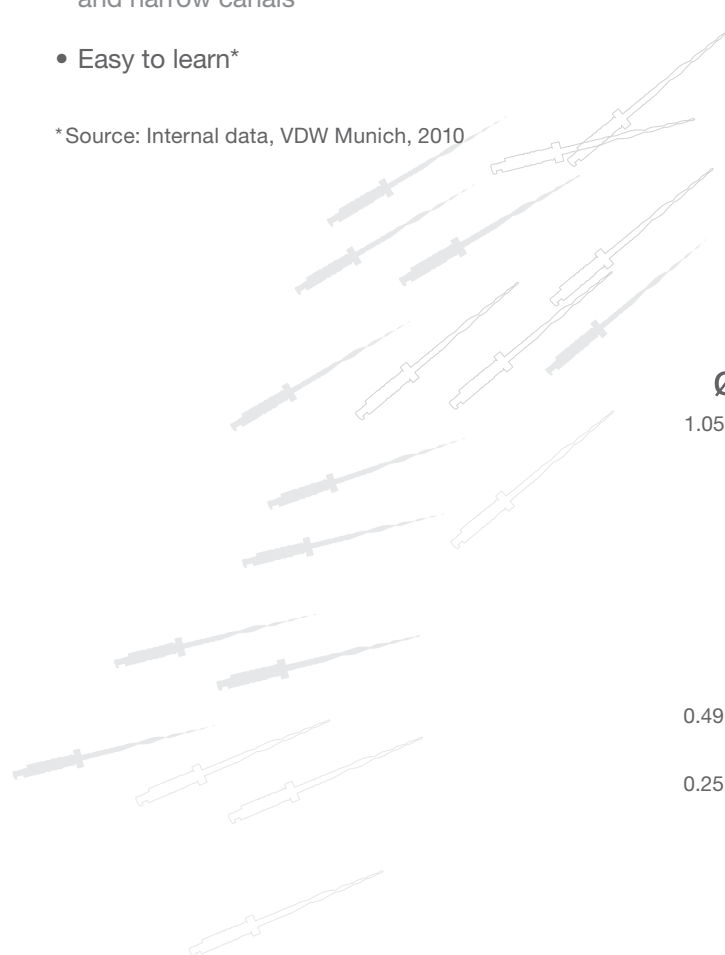


## Easier than ever!

- No need to change instruments
  - The reciprocating movement allows root canals to be prepared with one single instrument
  - Optimal instrument sizes and tapers for the canal anatomy
  - A regressive taper for a preparation with no unnecessary loss of tooth substance
  - Proven cleaning ability even in severely curved canals (Bürklein et al. 2012)
- No additional enlargement of the root canal entrance and no hand filing in the majority of cases
  - The specific instrument design, its centring ability and its cutting ability mean additional instruments for preparation are not required
  - Successful preparation of severely curved and narrow canals

- Easy to learn\*

\*Source: Internal data, VDW Munich, 2010



### Safer than ever!

- VDW RECIPROC® motors minimise the risk of instrument fracture thanks to the precise angles of reciprocation
- Greater resistance to cyclic fatigue and higher flexibility thanks to M-Wire® NiTi
- No risk of cross-contamination and reduced risk of contaminating office personnel thanks to pre-sterilised, single-use instruments
- Less likelihood of procedural errors\*



### More time saving than ever!

- Less work steps
- Reduced preparation time, compared to a rotary NiTi system\*
- No cleaning or sterilisation thanks to single use



\*Source: Internal data, VDW Munich, 2010

Online  
Easy  
Efficient

## WEBINAR

with **Prof. Ghassan Yared**, Canada  
Inventor of single file reciprocation

Information and registration on

▶ [www.RECIPROC.com](http://www.RECIPROC.com)



## RECIPROC® Instruments

### System designed specifically for root canal preparation in reciprocation

- Root canal preparation with only one instrument
- Retreatment of gutta-percha filling material and carrier based obturators with R25
- The shape obtained by the RECIPROC® instrument enables effective irrigation and obturation with both cold and warm techniques
- Single-use convenience; sterile instruments, individually packed
- Three instrument sizes for narrow, medium and wide canals

### Single Sizes



Blister of 6 instruments	21 mm	25 mm	31 mm	
R25	● 0212 021 025	0212 025 025	0212 031 025	
R40	● 0212 021 040	0212 025 040	0212 031 040	
R50	● 0212 021 050	0212 025 050	0212 031 050	
Blister of 4 instruments	21 mm	25 mm	31 mm	
R25	● 0012 021 025	0012 025 025	0012 031 025	

### Assortments



Blister of 6 instruments	21 mm	25 mm	31 mm
3 x R40, 3 x R50 each	0212 021 233	0212 025 233	0212 031 233
Blister of 4 instruments	21 mm	25 mm	31 mm
2 x R25, 1 x R40, 1 x R50 each	0012 021 200	0012 025 200	0012 031 200

### REF

#### RECIPROC® System Kit

- 1 blister of 6 instruments R25
- 1 blister of 6 instruments assorted, 3 x R40 and R50 each
- Training Model
- RECIPROC® Paper Points assorted, sizes R25, R40, R50
- RECIPROC® Gutta-Percha assorted, sizes R25, R40, R50
- User card, brochure, directions for use

21 mm  
1211 021 000

25 mm  
1211 025 000



*Power in Control*



# One easy and safe system from preparation to obturation

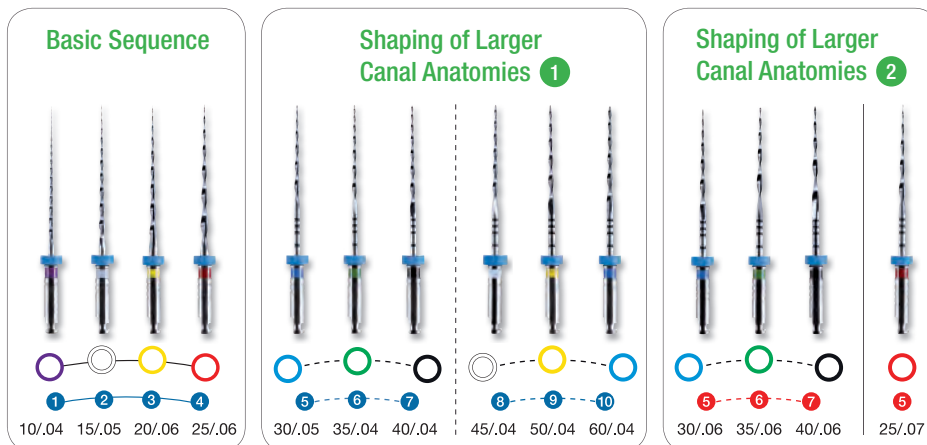


## Root canal preparation

### Easy to switch from manual to mechanical root canal preparation

- Simple: One sequence for all canals
- Single Length: All instruments are brought to full working length
- Simultaneous Shaping: Mtwo® cuts automatically while advancing apically and also laterally when using a brushing file movement
- Well thought through system: Each instrument creates a glide path for the next one
- No unnecessary loss of tooth substance: Mtwo® only removes as much substance as necessary

**Advantages:** reliable mechanical glide path, efficient dentine removal, effective shaping and safe preparation of all canal anatomies



## Root canal drying and obturation

Mtwo® instruments fulfil shaping requirements for all obturation techniques

### Sterile Mtwo® Paper Points

Tapered paper points suitable for the Mtwo® NiTi system for efficient root canal drying



**mtwo**® Gutta-Percha

α-gutta-percha perfectly in line with Mtwo® preparation



**GUTTAFUSION**®

Carrier-based obturation for Mtwo® for easy and fast three-dimensional filling



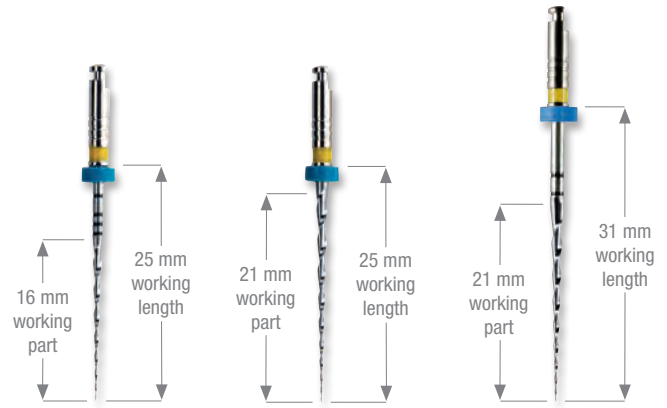
**BeeFill 2in1**

Warm vertical condensation with Mtwo® Gutta-Percha and backfill for a long-term dense and three-dimensional filling

## Mtwo® Instruments

### The efficient NiTi system

- One sequence for all types of root canal
- Efficient dentine removal and precise shaping due to the specific design of every instrument
- Highly flexible due to small instrument core and s-shaped cross-section
- ISO colour coded ring markings
- Depth marks
- No depth marks on instruments with 25 mm working length and a working part of 21 mm



Mtwo® is licensed by sweden & martina

### Basic Sequence Blister of 6 Instruments



Size/Taper	Mtwo® working part 16 mm		Mtwo® working part 21 mm			
	21 mm	25 mm	25 mm	31 mm		
10/.04	●	0234 021 010	0234 025 010	1234 025 010	1234 031 010	
15/.05	○	0235 021 015	0235 025 015	1235 025 015	1235 031 015	
20/.06	●	0236 021 020	0236 025 020	1236 025 020	1236 031 020	
25/.06	●	0236 021 025	0236 025 025	1236 025 025	1236 031 025	

### Shaping of Larger Canal Anatomies 1 Blister of 6 Instruments



Size/Taper	Mtwo® working part 16 mm		Mtwo® working part 21 mm			
	21 mm	25 mm	31 mm			
30/.05	●	0235 021 030	0235 025 030	1235 031 030		
35/.04	●	0234 021 035	0234 025 035	1234 031 035		
40/.04	●	0234 021 040	0234 025 040	1234 031 040		
45/.04	○	0234 021 045	0234 025 045	1234 031 045		
50/.04	●	0234 021 050	0234 025 050	1234 031 050		
60/.04	●	0234 021 060	0234 025 060	1234 031 060		

### Shaping of Larger Canal Anatomies 2 Blister of 6 Instruments



Size/Taper	Mtwo® working part 16 mm		Mtwo® working part 21 mm			
	21 mm	25 mm	31 mm			
25/.07	●	0237 021 025	0237 025 025	1237 031 025		
30/.06	●	0236 021 030	0236 025 030	1236 031 030		
35/.06	●	0236 021 035	0236 025 035	1236 031 035		
40/.06	●	0236 021 040	0236 025 040	1236 031 040		



Assortments



	M <sub>two</sub> <sup>®</sup> working part 16 mm		M <sub>two</sub> <sup>®</sup> working part 21 mm	
	21 mm	25 mm	25 mm	31 mm
<b>Blister of 4 instruments</b>				
10/.04, 15/.05, 20/.06, 25/.06	0007 021 701	0007 025 711	0007 025 701	0007 031 701
30/.05, 35/.04, 40/.04, 25/.07	0007 021 702	0007 025 702	-	0007 031 702
<b>Blister of 6 instruments</b>				
2 x 10/.04, 15/.05, 20/.06 each	0230 021 456	0230 025 456	-	-
2 x 25/.06, 30/.05, 35/.04, 40/.04, 25/.07	0230 021 457	0230 025 457	-	-
2 x 10/.04, 15/.05, 20/.06 each	-	-	1230 025 456	-
2 x 25/.06, wp 21 mm, 30/.05, 35/.04, 40/.04, 25/.07, wp 16 mm	-	-	1230 025 457	-
2 x 30/.06, 35/.06, 40/.06 each	0236 021 203	0236 025 203	-	1236 031 203
2 x 45/.04, 50/.04, 60/.04 each	0234 021 246	0234 025 246	-	1234 031 246

**M<sub>two</sub><sup>®</sup> Retreatment Files**

- For efficient removal of filling material
- Cutting tip
- Working part 16 mm

Blister of 6 Instruments



Size/Taper		21 mm	
R 15/.05	○	0232 021 015	
R 25/.05	●	0232 021 025	
3 x R 15/.05, R 25/.05 each		0232 021 202	
Set of 6 x R 15/.05 and 6 x R 25/.05 with instructions		0011 021 500	



# ENDO INFO

[www.vdw-dental.com](http://www.vdw-dental.com)

Facts, opinions and practical advice just one click away

- Product Literature
- FAQs
- Certificates



REF

## ■ Mtwo® Basic Kit \_\_\_\_\_ 238 025 000

Kit with instruments in 25 mm working length:

- 1 blister Mtwo® 2 x 10/.04, 15/.05, 20/.06 each, 21 mm working part **STERILE**
- 1 blister Mtwo® 2 x 25/.06, 21 mm working part,  
1 x 30/.05, 35/.04, 40/.04, 25/.07 each, 16 mm working part **STERILE**
- 3 plastic training blocks
- CD-ROM
- User card



## ■ Mtwo® SystemBox \_\_\_\_\_ 239 000 000

- With module for easy organisation and storage of Mtwo® instruments
- Instruments not included, autoclavable



## ■ Mtwo® Module \_\_\_\_\_ 408 000 000

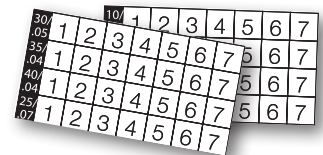
- Instrument module, without box
- Instruments not included



## ■ Mtwo® Control Stickers \_\_\_\_\_ 491 000 000

For practical monitoring of instrument use

- 16 Control Stickers for the basic sequence
- 12 Control Stickers for additional sizes
- self-adhesive, autoclavable



## FlexMaster® Instruments

# FlexMaster®


### The established crown-down NiTi system

- Three sequences to choose from for every type of canal
- Safe use due to optimal stability of file even with low tapered files (2%)
- Special K-type cutting edges for efficient removal of debris and dentine chips
- ISO colour coded ring markings
- Depth marks
- Blister of 6 pieces, sterile

### FlexMaster® Taper .02




Size/Taper		21 mm	25 mm	31 mm
15/.02	○	341 021 015	341 025 015	-
20/.02	●	341 021 020	341 025 020	341 031 020
25/.02	●	341 021 025	341 025 025	341 031 025
30/.02	●	341 021 030	341 025 030	341 031 030
35/.02	●	341 021 035	341 025 035	341 031 035
40/.02	●	341 021 040	341 025 040	341 031 040
45/.02	○	341 021 045	341 025 045	341 031 045
50/.02	●	-	341 025 050	-
60/.02	●	-	341 025 060	-
70/.02	●	-	341 025 070	-



### FlexMaster® Taper .04




Size/Taper		21 mm	25 mm	31 mm
15/.04	○	342 021 015	342 025 015	-
20/.04	●	342 021 020	342 025 020	342 031 020
25/.04	●	342 021 025	342 025 025	342 031 025
30/.04	●	342 021 030	342 025 030	342 031 030
35/.04	●	342 021 035	342 025 035	342 031 035
40/.04	●	342 021 040	342 025 040	342 031 040



### FlexMaster® Taper .06



Size/Taper		21 mm	25 mm
15/.06	○	343 021 015	343 025 015
20/.06	●	343 021 020	343 025 020
25/.06	●	343 021 025	343 025 025
30/.06	●	343 021 030	343 025 030
35/.06	●	343 021 035	343 025 035
40/.06	●	343 021 040	343 025 040



### FlexMaster® Assortments



Size/Taper	21 mm	25 mm	31 mm
20/.02, 25/.02, 30/.02, 35/.02, 40/.02, 45/.02	341 021 231	341 025 231	341 031 231
20/.04, 25/.04, 30/.04, 20/.06, 25/.06, 30/.06	344 021 232	344 025 232	-
2 x 50/.02, 60/.02, 70/.02 each	341 021 241	-	341 031 241

REF

■ **FlexMaster® IntroFile** \_\_\_\_\_ 357 019 000

- For fast conical enlargement of the root canal orifice
- 11 % taper
  - 19 mm working length, 9 mm active working part
  - ISO size 022 at the tip



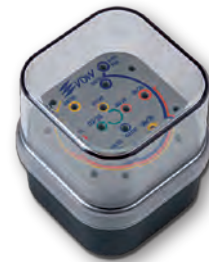
■ **FlexMaster® Basic Kit** \_\_\_\_\_ 25 mm  
346 025 500

- 10 FlexMaster® instruments
  - Taper .02: sizes 20, 25, 30, 35
  - Taper .04: sizes 20, 25, 30
  - Taper .06: sizes 20, 25, 30
- 1 IntroFile for enlargement of the canal orifice
- 1 C-PILOT® File ISO 10
- Product overview
- Instruments are non-sterile



■ **FlexMaster® SystemBox** \_\_\_\_\_ 340 000 000

- The perforated base allows efficient sterilisation with autoclave paper (REF 191)
- Without instruments



■ **FlexMaster® AccessoryBox** \_\_\_\_\_ 345 000 000

- The perforated base allows efficient sterilisation with autoclave paper (REF 191)
- Without instruments



■ **FlexMaster® CombiBox** \_\_\_\_\_ 445 000 000

- The perforated base allows efficient sterilisation with autoclave paper (REF 192)
- Without instruments



■ **FlexMaster® Control Stickers** \_\_\_\_\_ for SystemBox

- For practical monitoring of instrument use
- Dispenser with adhesive labels, sterilisable in autoclave
  - 250 stickers

489 000 000

for AccessoryBox

490 000 000



## Training Models and Accessories

### ■ Plastic Training Blocks

- 3 pieces

REF

245 000 000



### ■ Endo Training Tooth

- Plastic tooth for endodontic training
- Replica of a maxillary first molar with accessed pulp chamber
- 4 root canals, 3 canals with stained pulp, MB2 pulp unstained
- 1 piece

246 000 500



## FileCare®EDTA

### Chelating agent

- Active substances: 15 % EDTA and 10 % urea peroxide gel
- Removes smear layer
- Improved tubular penetration of endodontic medication and filling material
- Easier penetration of the instrument, as FileCare®EDTA decalcifies dentine by binding the calcium in an electronegative complex
- Pulp tissue and dentinal debris are actively flushed out of the canal
- Box of 2 x 3 ml or 5 x 3 ml

2 x 3 ml	1010 000 002
5 x 3 ml	1010 000 005



**GOLD** makes the difference



# VDW.GOLD® RECIPROC®

## Unique RECIPROC® motor with integrated length determination

### Versatile and practical

- Extensive range of reciprocating and continuous rotary file systems
- Specific mode for the innovative RECIPROC® system
- Additional setting for the WaveOne™ reciprocating file system
- Pre-programmed torque and speed settings for all major continuous rotary NiTi systems: M<sub>t</sub>wo®, FlexMaster®, ProTaper® Universal etc. Settings can be individually changed
- Additional Doctor's Choice Programme for saving up to 15 individual torque and speed settings of continuous rotary systems (hybrid sequence)
- Perfect interplay in the RECIPROC® mode
- Reciprocating angles in the motor are precisely tuned to the RECIPROC® instrument
- Easy preparation with RECIPROC® with one motor setting only
- Unique RECIPROC REVERSE comfort function
- 2-step-indicator for early feedback of increased friction on the instrument during preparation with RECIPROC®
- Particularly useful for beginners
- Safety features like torque control with Automatic-Stop-Reverse
- Integrated apex locator in reciprocating and continuous rotary mode
- Battery-operated motor; constant operation even during charging



## Smart functions for an optimised treatment procedure

- Integrated apex locator during reciprocating and continuous rotary preparation
- Choice between simultaneous length control during preparation and separate length determination
- Automatic apical stop upon reaching the apex
- Self-explanatory hard key structure:

**ANA programme:** increased safety for difficult anatomies by reducing torque limit (in continuous rotary mode only)

**MENU:** file systems which are not used can be hidden and diverse automatic functions can be deactivated and activated respectively

**CAL calibration of contra-angle:** recommended after each sterilisation for good maintenance

**ASR function:** automatic stop and reverse rotation when torque limit is reached (in continuous rotary mode only)



## Contra-angle with integrated apex locator contact

- Small head for good visibility and easy handling
- A fragile file contact clip is not necessary, enabling fast file change





REF

■ **VDW.GOLD®RECIPROC® +  
RECIPROC® System Kit\*** \_\_\_\_\_ 1173 025 611

- Working length 25 mm
- Incl. 6:1 contra-angle

\* Contents of the RECIPROC® System Kit, see page 2.13



■ **VDW.GOLD®RECIPROC®** \_\_\_\_\_ 1173 000 000

- Incl. 6:1 contra-angle



■ **6:1 Contra-Angle** \_\_\_\_\_ 1079 000 000

- For VDW.GOLD®RECIPROC®, VDW.GOLD®,  
VDW.SILVER®RECIPROC®, VDW.SILVER®



### Accessories for VDW.GOLD®RECIPROC® and VDW.GOLD®

■ **Contra-Angle Sleeve** \_\_\_\_\_ 1107 000 512

- 5 silicone sleeves

■ **Lip Clip** \_\_\_\_\_ 1107 000 514

- 5 pieces

■ **File Clip** \_\_\_\_\_ 1107 000 515

- 2 pieces

■ **Lip Clip Cable with Ferrite Ring** \_\_\_\_\_ 1177 000 516

- 1 piece

■ **File Clip Cable** \_\_\_\_\_ 1107 000 519

- 1 piece

■ **Charger** \_\_\_\_\_ 1107 000 517

- 1 piece

■ **Foot Switch** \_\_\_\_\_ 1107 000 510

- 1 piece

# VDW.SILVER® RECIPROC®

## Advanced RECIPROC® motor

### Ideal for reciprocating and classical preparation technique

- Simplified selection of file systems due to well-structured file library

#### Reciprocating file systems:

- One specific pre-setting only for efficient preparation with RECIPROC®
- Pre-programmed setting for the reciprocating system WaveOne™

#### Continuous rotary systems:

- Pre-programmed settings for Mtwo®, FlexMaster®, ProTaper® Universal, K3™ and Gates Glidden; torque and speed values individually adaptable
- Additional Doctor's Choice Programme where up to 15 torque and speed settings can be saved for a personal sequence

- Specific RECIPROC REVERSE function allows an even more comfortable preparation with RECIPROC®

- 2-step-indicator for early signal of increased friction on the RECIPROC® instrument

- Particularly useful for beginners

- Specific RECIPROC REVERSE function allows an even more comfortable preparation with RECIPROC®

- Precise angles of reciprocation specific to the design of the RECIPROC® instrument

- Automatic torque control with Auto-Stop-Reverse in rotary mode

- Easy to operate

- Battery-operated motor; constant operation even during charging



REF

■ **VDW.SILVER®RECIPROC® +  
RECIPROC® System Kit\***

1163 025 611

- Working length 25 mm
- Incl. 6:1 contra-angle

\* For contents of the RECIPROC® System Kit, see page 2.13



■ **VDW.SILVER®RECIPROC®**

1163 000 000

- Incl. 6:1 contra-angle



■ **6:1 Contra-Angle**

1079 000 000

- For VDW.SILVER®RECIPROC®, VDW.SILVER®,  
VDW.GOLD®RECIPROC®, VDW.GOLD®



■ **4:1 W&H Contra-Angle**

1070 000 077\*

- For the Endo IT professional motor  
Type WD77 M with ISO E standard connection

\*available until December 2013



E



**Look for the red dot.**  
Over 30 years' experience  
in sterile endo products.



E



E

Conventional Preparation



3

Infection Control Made Simple



**STERILE**

# Sterile Endo Instruments and Accessories

## Enhanced safety – infection control made simple

- No sterilisation prior to first use
- Ready-to-use instruments, individually packed
- No documentation of the sterilisation process needed in case of single use
- TÜV-certified quality management

### VDW<sup>®</sup>STERILE STERILE STERILE STERILE

#### STAINLESS STEEL INSTRUMENTS

- C-PILOT<sup>®</sup> Files
- K-Files
- Flexicut<sup>®</sup> Files
- K-Reamers
- Hedstroem Files
- Barbed Broaches
- Gates Enlargers

### VDW<sup>®</sup>STERILE STERILE STERILE STERILE

#### ROTARY NiTi INSTRUMENTS

- Mtwo<sup>®</sup>
- FlexMaster<sup>®</sup>

#### RECIPROCATING NiTi INSTRUMENTS

- RECIPROC<sup>®</sup>

#### NiTi HAND INSTRUMENTS

- NiTi K-Files

### VDW<sup>®</sup>STERILE STERILE STERILE STERILE

#### ACCESSORIES

- Paper Points
- Finger Spreaders
- NiTi Finger Spreaders
- Finger Pluggers
- Root Fillers “L”

## VDW<sup>®</sup>STERILE C-PILOT<sup>®</sup> Files

### For severely curved or calcified root canals

- Stainless steel, CC+ handle
- High bending strength due to a special thermal hardening process
- Enables creation of a smooth glide path prior to every rotary preparation
- Intermediate size ISO 12.5 available
- Additional length marking on handle
- Radiopaque depth marks
- The inactive pilot tip conducts the instrument safely along the canal
- With pre-mounted silicone stoppers
- Blister of 6 pieces, sterile



Size		19 mm	21 mm	25 mm	
06	●	368 019 006	368 021 006	368 025 006	
08	●	368 019 008	368 021 008	368 025 008	
10	●	368 019 010	368 021 010	368 025 010	
06-10		368 019 210	368 021 210	368 025 210	
12.5	●	368 019 012	368 021 012	368 025 012	
15	○	368 019 015	368 021 015	368 025 015	

## VDW®STERILE K-Reamers

### For safe root canal preparation with a reaming motion

- Stainless steel
- ISO 06-40 square cross-section for better fracture resistance
- ISO 45-140 triangular cross-section for better cutting efficiency
- Instrument type and ISO size are clearly marked on the handle
- Special steel alloy with uniform structure for maximum resistance to fracture and maximum flexibility
- Radiopaque depth marks
- The non-cutting tip guides the instrument safely along the canal
- With pre-mounted silicone stoppers
- Blister of 6 pieces
- Also available in non-sterile packaging



Size		21 mm	25 mm	31 mm
06	●	353 021 006	353 025 006	353 031 006
08	●	353 021 008	353 025 008	353 031 008
10	●	353 021 010	353 025 010	353 031 010
06-10		353 021 210	353 025 210	353 031 210
15	○	353 021 015	353 025 015	353 031 015
20	●	353 021 020	353 025 020	353 031 020
25	●	353 021 025	353 025 025	353 031 025
30	●	353 021 030	353 025 030	353 031 030
35	●	353 021 035	353 025 035	353 031 035
40	●	353 021 040	353 025 040	353 031 040
15-40		353 021 230	353 025 230	353 031 230
45	○	353 021 045	353 025 045	353 031 045
50	●	353 021 050	353 025 050	353 031 050
55	●	353 021 055	353 025 055	353 031 055
60	●	353 021 060	353 025 060	353 031 060
70	●	353 021 070	353 025 070	353 031 070
80	●	353 021 080	353 025 080	353 031 080
45-80		353 021 240	353 025 240	353 031 240
90	○	353 021 090	353 025 090	353 031 090
100	●	353 021 100	353 025 100	353 031 100
110	●	353 021 110	353 025 110	353 031 110
90-110		353 021 250	-	-
120	●	-	353 025 120	353 031 120
130	●	-	353 025 130	353 031 130
140	●	-	353 025 140	353 031 140
90-140		-	353 025 260	353 031 260

## K-Reamers

All sizes non-sterile

For features and range of sizes please see above.



Single sizes	21 mm	25 mm	28 mm	31 mm
06-140	-	053 025 XXX	-	053 031 XXX
06-110	053 021 XXX	-	053 028 XXX	-
<b>Assortments</b>				
06-10	053 021 210	053 025 210	053 028 210	053 031 210
15-40	053 021 230	053 025 230	053 028 230	053 031 230
45-80	053 021 240	053 025 240	053 028 240	053 031 240
90-110	053 021 250	053 025 250	053 028 250	053 031 250
90-140	-	053 025 260	-	053 031 260
120-140	-	053 025 270	-	053 031 270



**VDW®STERILE K-Files**

**For all preparation techniques with filing motion**

- Stainless steel
- ISO 06-25 square cross-section for better fracture resistance
- ISO 30-140 triangular cross-section for better cutting efficiency
- Instrument type and ISO size are clearly marked on the handle
- Special steel alloy with uniform structure for maximum resistance to fracture and maximum flexibility
- Radiopaque depth marks
- The inactive tip conducts the instrument safely along the canal
- With pre-mounted silicone stoppers
- Blister of 6 pieces
- Also available in non-sterile packaging



Size		21 mm	25 mm	31 mm
06	●	363 021 006	363 025 006	363 031 006
08	●	363 021 008	363 025 008	363 031 008
10	●	363 021 010	363 025 010	363 031 010
06-10		363 021 210	363 025 210	363 031 210
12.5	●	363 021 012	363 025 012	-
15	○	363 021 015	363 025 015	363 031 015
17.5	●	363 021 017	363 025 017	-
20	●	363 021 020	363 025 020	363 031 020
25	●	363 021 025	363 025 025	363 031 025
30	●	363 021 030	363 025 030	363 031 030
35	●	363 021 035	363 025 035	363 031 035
40	●	363 021 040	363 025 040	363 031 040
15-40		363 021 230	363 025 230	363 031 230
45	○	363 021 045	363 025 045	363 031 045
50	●	363 021 050	363 025 050	363 031 050
55	●	363 021 055	363 025 055	363 031 055
60	●	363 021 060	363 025 060	363 031 060
70	●	363 021 070	363 025 070	363 031 070
80	●	363 021 080	363 025 080	363 031 080
45-80		363 021 240	363 025 240	363 031 240
90	○	363 021 090	363 025 090	363 031 090
100	●	363 021 100	363 025 100	363 031 100
110	●	363 021 110	363 025 110	363 031 110
90-110		363 021 250	-	-
120	●	-	363 025 120	363 031 120
130	●	-	363 025 130	363 031 130
140	●	-	363 025 140	363 031 140
90-140		-	363 025 260	363 031 260



**K-Files**

All sizes non-sterile  
For features and range of sizes please see above.



Single sizes	21 mm	25 mm	28 mm	31 mm
06-140	-	063 025 XXX	-	063 031 XXX
06-110	063 021 XXX	-	063 028 XXX	-
<b>Assortments</b>				
06-10	063 021 210	063 025 210	063 028 210	063 031 210
15-40	063 021 230	063 025 230	063 028 230	063 031 230
45-80	063 021 240	063 025 240	063 028 240	063 031 240
90-110	063 021 250	063 025 250	063 028 250	063 031 250
90-140	-	063 025 260	-	063 031 260
120-140	-	063 025 270	-	063 031 270

## VDW®STERILE Hedstroem Files

### Highly efficient enlargement of root canals in filing motion

- Excellent cutting ability
- Improved CC+ handle
- Special steel alloy with uniform structure for maximum resistance to fracture and maximum flexibility
- Instrument type and ISO size are clearly marked on the handle
- Additional length marking on handle
- Radiopaque depth marks
- The inactive tip conducts the instrument safely along the canal
- With pre-mounted silicone stoppers
- Blister of 6 pieces
- Also available in non-sterile packaging



Size		21 mm	25 mm	31 mm
08	●	373 021 008	373 025 008	373 031 008
10	●	373 021 010	373 025 010	373 031 010
08-10		373 021 220	373 025 220	373 031 220
15	○	373 021 015	373 025 015	373 031 015
20	●	373 021 020	373 025 020	373 031 020
25	●	373 021 025	373 025 025	373 031 025
30	●	373 021 030	373 025 030	373 031 030
35	●	373 021 035	373 025 035	373 031 035
40	●	373 021 040	373 025 040	373 031 040
15-40		373 021 230	373 025 230	373 031 230
45	○	373 021 045	373 025 045	373 031 045
50	●	373 021 050	373 025 050	373 031 050
55	●	373 021 055	373 025 055	373 031 055
60	●	373 021 060	373 025 060	373 031 060
70	●	373 021 070	373 025 070	373 031 070
80	●	373 021 080	373 025 080	373 031 080
45-80		373 021 240	373 025 240	373 031 240
90	○	373 021 090	373 025 090	373 031 090
100	●	373 021 100	373 025 100	373 031 100
110	●	373 021 110	373 025 110	373 031 110
90-110		373 021 250	-	-
120	●	-	373 025 120	373 031 120
130	●	-	373 025 130	373 031 130
140	●	-	373 025 140	373 031 140
90-140		-	373 025 260	373 031 260

## Hedstroem Files

All sizes non-sterile

For features and range of sizes please see above.



Single sizes	21 mm	25 mm	28 mm	31 mm
08-140	-	073 025 XXX	-	073 031 XXX
08-110	073 021 XXX	-	073 028 XXX	-
<b>Assortments</b>				
08-10	073 021 220	073 025 220	073 028 220	073 031 220
15-40	073 021 230	073 025 230	073 028 230	073 031 230
45-80	073 021 240	073 025 240	073 028 240	073 031 240
90-110	073 021 250	073 025 250	073 028 250	073 031 250
90-140	-	073 025 260	-	073 031 260
120-140	-	073 025 270	-	073 031 270

**VDW®STERILE Flexicut® Files**

**For preparation of severely curved and narrow root canals with a filing motion**

- Stainless steel
- Special steel alloy with uniform structure for maximum resistance to fracture and maximum flexibility
- Triangular cross-section for highest cutting efficiency
- More cutting edges than K-Reamers
- Cutting angle effective with filing motion
- Radiopaque depth marks
- The inactive tip conducts the instrument safely along the canal
- With pre-mounted silicone stoppers
- Blister of 6 pieces
- Also available in non-sterile packaging



Size		21 mm	25 mm	
15	○	364 021 015	364 025 015	
20	●	364 021 020	364 025 020	
25	●	364 021 025	364 025 025	
30	●	364 021 030	364 025 030	
35	●	364 021 035	364 025 035	
40	●	364 021 040	364 025 040	
15-40		364 021 230	364 025 230	

**Flexicut® Files**

All sizes non-sterile  
For features and range of sizes please see above.



Single sizes	21 mm	25 mm
15-40	064 021 XXX	064 025 XXX
<b>Assortments</b>		
15-40	064 021 230	064 025 230

**Sterile NiTi Hand Instruments**

**VDW®STERILE NiTi K-Files**

**For the enlargement of severely curved canals**

- Super flexible files, follow any canal curvature
- Resistant to fracture and highly flexible (memory effect)
- With pre-mounted silicone stoppers
- Blister of 6 pieces
- Also available in non-sterile packaging



Size		21 mm	25 mm	
15	○	362 021 015	362 025 015	
20	●	362 021 020	362 025 020	
25	●	362 021 025	362 025 025	
30	●	362 021 030	362 025 030	
35	●	362 021 035	362 025 035	
40	●	362 021 040	362 025 040	
15-40		362 021 230	362 025 230	
45	○	362 021 045	362 025 045	
50	●	362 021 050	362 025 050	
55	●	362 021 055	362 025 055	
60	●	362 021 060	362 025 060	

**NiTi K-Files**

All sizes non-sterile  
For features and range of sizes please see above.



Single sizes	21 mm	25 mm
15-60	263 021 XXX	263 025 XXX
<b>Assortments</b>		
15-40	263 021 230	263 025 230

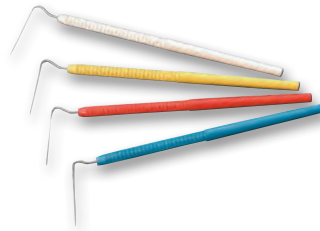
## Non-sterile Stainless Steel Instruments

### MC K-Files

- 200° angle
- Multiple use, e.g. under microscope, in case of poor visibility and for inaccessible working areas
- Optimal working angle in molar region
- Set of 6 pieces



Size		19 mm
08	●	069 019 008
10	●	069 019 010
15	○	069 019 015
20	●	069 019 020
25	●	069 019 025
30	●	069 019 030
08-30		069 019 222



### MC Hedstroem Files

- 200° angle
- Multiple use, e.g. under microscope, in case of poor visibility and for inaccessible working areas
- Optimal working angle in molar region
- Set of 6 pieces



Size		19 mm
08	●	079 019 008
10	●	079 019 010
15	○	079 019 015
20	●	079 019 020
25	●	079 019 025
30	●	079 019 030
08-30		079 019 222



### K-Reamers

#### For Contra-Angle

- Max. 800 rpm
- ISO colour coded
- High quality stainless steel shaft
- Blister of 6 pieces



Size		21 mm	25 mm
08	●	058 021 008	058 025 008
10	●	058 021 010	058 025 010
15	○	058 021 015	058 025 015
20	●	058 021 020	058 025 020
25	●	058 021 025	058 025 025
30	●	058 021 030	058 025 030
35	●	058 021 035	058 025 035
40	●	058 021 040	058 025 040
15-40		058 021 230	058 025 230



### Hedstroem Files

#### For Contra-Angle

- Quarter turn only
- 450-800 rpm
- High quality stainless steel shaft
- Only for contra-angles with alternating rotation (max. 90°)
- Blister of 6 pieces



Size		21 mm	25 mm
10	●	078 021 010	078 025 010
15	○	078 021 015	078 025 015
20	●	078 021 020	078 025 020
25	●	078 021 025	078 025 025
30	●	078 021 030	078 025 030
35	●	078 021 035	078 025 035
40	●	078 021 040	078 025 040
15-40		078 021 230	078 025 230
45	○	-	078 025 045
50	●	-	078 025 050
55	●	-	078 025 055
60	●	-	078 025 060
70	●	-	078 025 070
80	●	-	078 025 080
45-80		-	078 025 240



### Silicone Stoppers

#### For safe control of instrument working length

- Single-use recommended
- Each stopper has a notch for better orientation when using pre-curved instruments
- X-ray visible
- Dispenser of 200 pieces

for length			
21 mm	○	165 000 000	
25 mm	●	166 000 000	
28 mm	●	167 000 000	
31 mm	●	168 000 000	



### Minifix Measuring Gauge

#### For precise adjustment of the working length of endo instruments, gutta-percha and paper points

- 1 piece

179 000 000
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E

**RAYPEX® 6**

E

E





## Length Determination



# Touch Precision





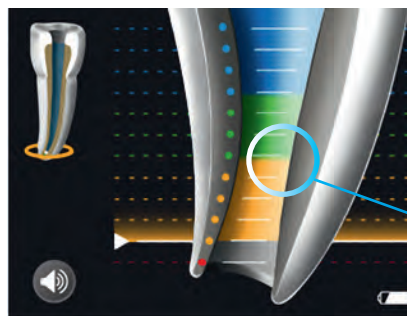
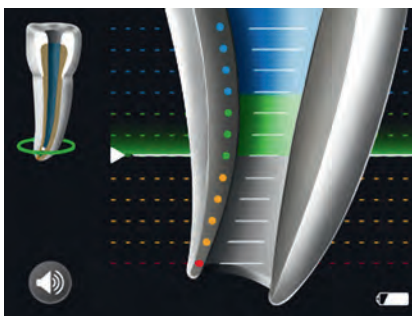
## High-tech apex locator with easy touch

# RAYPEX® 6

### Sets new standards with respect to user-friendliness and design

- Smart user interface
- Unique colour touch screen
- “Plug-and-Start” and “Plug-and-Check” features
- Foldable housing for protected storage

### Precision



- Latest multi-frequency apex locator technology
- Separate RAYPEX® Apical Zoom in traffic light colours

Green-to-yellow section:  
for the determination of working length

### User-friendly interface



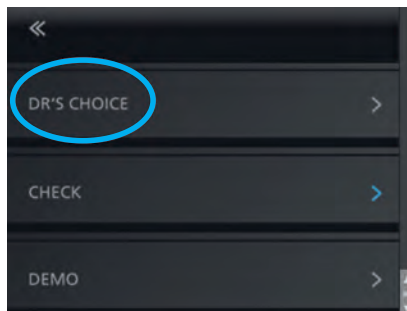
- Intuitive menu for setting options
- DEMO mode for clear information to patient
- CHECK mode for smooth functional test of device and cables in case of questionable measuring results: Automatic “Plug-and-Check”

Automatic CHECK procedure:  
results in either ERROR or OK response

### Customisation



Choice between 2 sounds and  
2 background display colours



Easy setting of optional  
DR'S CHOICE apical line

REF

■ **RAYPEX®6** \_\_\_\_\_ 1113 000 000

High-tech apex locator with “Touch-and-Zoom”  
for precise length determination



**RAYPEX®6 Accessories**

■ **Measuring Cable** \_\_\_\_\_ 1119 000 506

- 1 piece



■ **Charger** \_\_\_\_\_ 1119 000 501

- 1 piece



■ **Battery** \_\_\_\_\_ 1119 000 507

- 1 piece



**Accessories for all RAYPEX® apex locators  
Raypex®4, Raypex®5 and RAYPEX®6**

■ **Lip Clip** \_\_\_\_\_ 141 000 514

- Autoclavable
- 5 pieces



■ **File Clip** \_\_\_\_\_ 141 000 515

- Autoclavable
- 2 pieces



■ **Touch Probe** \_\_\_\_\_ 141 000 518

- Autoclavable
- 2 pieces



## Raypex®5 Accessories

REF

### ■ Measuring Cable \_\_\_\_\_ 141 000 506

- 1 piece



### ■ Charger \_\_\_\_\_ 141 000 501

- 1 piece



### ■ Battery \_\_\_\_\_ 141 000 507

- 1 piece



## Raypex®4 Accessories

### ■ Measuring Cable \_\_\_\_\_ 141 000 516

- 1 piece



### ■ Charger \_\_\_\_\_ 141 000 517

- 1 piece



### ■ Battery \_\_\_\_\_ 141 000 513

- 1 piece



**VDW.ULTRA<sup>®</sup>**

**E**

**E**



Ultrasound

5

# High performance endo ultrasonic device with optimal set of endo tips

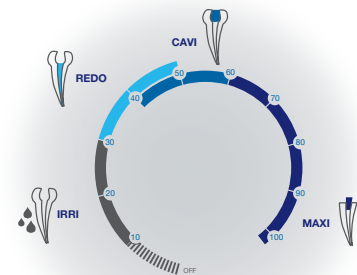
## Ultrasonic treatment made easy

- Endo focus with clearly marked endo power ranges in large scale
- User-friendly adjustment within the power ranges
- Patented piezo technology “Auto-Balance-System” with precise automatic control
- Lightweight autoclavable handpiece
- Suitable for efficient periodontic and scaling applications
- Practical series of endo ultrasonic files and tips
- Wrench for tight mounting to handpiece
- For wet applications: connection to standard, chairside water-supply box possible
- Variable water flow control with integrated water filter



## User-friendly operation

- Visibly marked endo power ranges with symbols
  - IRRI = Activation of irrigation
  - REDO = Retreatment
  - CAVI = Access cavity preparation
  - MAXI = maximum power: ideal for metal post removal
- Correct power setting within the power range allows optimal balance between efficient and gentle operation
- Easy selection of the right ultrasonic tip due to clear tip identification



## Patented piezo technology

- Efficiency and safety thanks to the “Auto-Balance-System” with automatic power adjustment
- Enhanced tactile operation

■ **VDW.ULTRA®**

Complete Set

- Incl. ultrasonic handpiece
- Incl. 1 ultrasonic endo tip

REF

1400 000 501



■ **Ultrasonic Handpiece**

1401 000 000



# ENDO DIRECT

[www.vdw-dental.com](http://www.vdw-dental.com)

## Your contacts

- VDW International Sales Team
- Local Dealers Worldwide



# VDW Endo Ultrasonic tips and files

## Quick selection of the ideal tip

- Easy tip identification thanks to clear tip marking
- Tip marking according to the power range marked on the device

## Perfectly tailored to each application: IRRI files, CAVI, REDO and MAXI tips

- Autoclavable
- For dry operation
- Water port for wet operation with cooling
- Satelec compatible thread

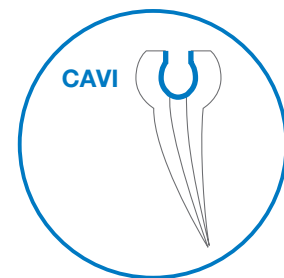
## IRRI files for activation of irrigation

- Gentle ultrasonic irrigation without dentine removal (for details see studies of the ACTA university, Amsterdam)
- Safe removal of smear layer thanks to ultrasonic effects such as micro streaming and cavitation
- Exposure of delicate anatomical structures



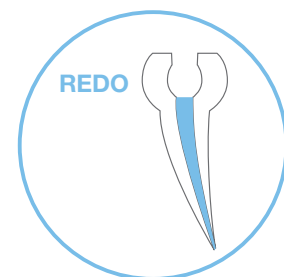
## Diamond-coated CAVI tips for access cavity refinement

- Access refinement to create a straight canal entry: simplified localisation of calcified or hidden orifices
- Removal of dentine overhangs and pulp stones



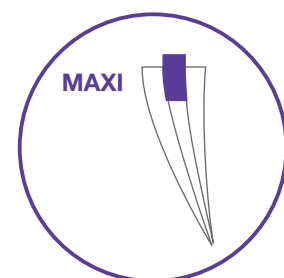
## REDO tips for retreatments

- Removal of fractured instruments, obturation material and silver points
- Different sizes for coronal, medium and apical canal section
- Thin and flexible REDO 2 tip made of exclusive Titanium-Niobium alloy for delicate procedures in medium and apical canal section of curved canals thanks to innovative crystal structure:
  - Remarkable transmission of ultrasonics
  - Can be pre-bent for curved canal
  - Strong resistance to corrosion against sodium hypochlorite (NaOCl)



## MAXI MPR tip for post removal

- Quick dislodging of metal posts with water cooling





**IRRI files**



**IRRI S (smooth wire)**

- Passive ultrasonic irrigation (Pui)
- Each in blister pack of 4 files

**IRRI K (K-type)**

- Exposure of delicate anatomical structures
- Each in blister pack of 4 files

Length/ISO		
IRRI S	21/25	1460 021 025
IRRI S	25/25	1460 025 025
IRRI K	21/15	1463 021 015
IRRI K	21/25	1463 021 025
IRRI K	25/15	1463 025 015
IRRI K	25/25	1463 025 025

**CAVI tips (diamond-coated)**

**CAVI 1-BD (ball)**

- Access refinement
- Each in blister pack of 1 tip

**CAVI 2-D (swan neck, optimised visibility)**

**CAVI 3-D (standard)**

CAVI 1-BD	1410 000 001
CAVI 2-D	1410 000 002
CAVI 3-D	1410 000 003





**REDO tips**

**REDO 1 (short)**

- Retreatments
- Each in blister pack of 1 tip

**REDO 2 (medium, special Ti-Nb alloy)**

**REDO 5 (long)**

REDO 1	1411 000 001
REDO 2	1411 000 002
REDO 5	1411 000 005






**MAXI tip**

**MAXI MPR**

- Dislodging metal posts at high power level
- In blister pack of 1 tip

MAXI MPR	1412 000 000
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**GUTTA FUSION<sup>®</sup>**

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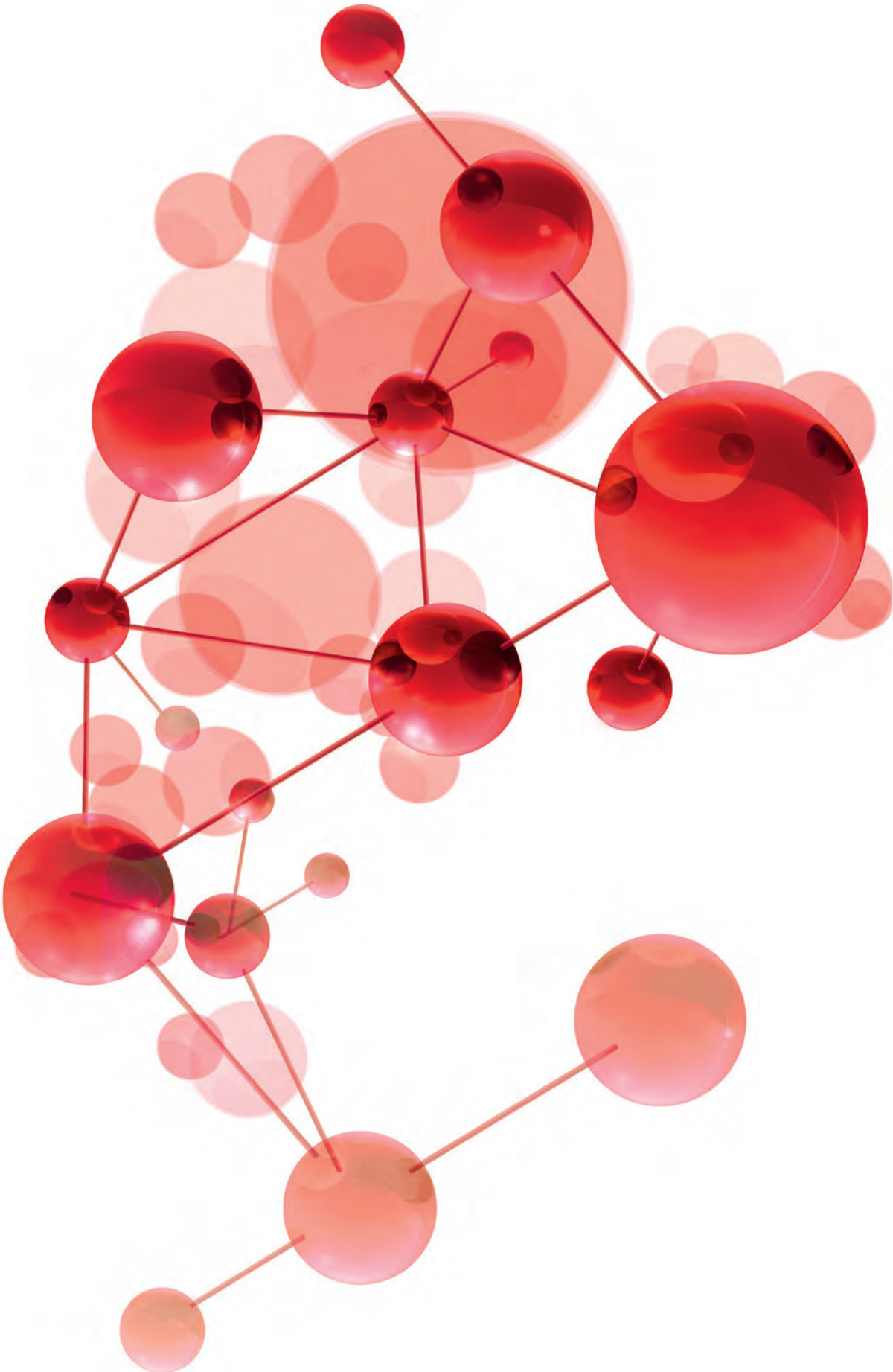




Obturation

6

# Innovation means **combining benefits**

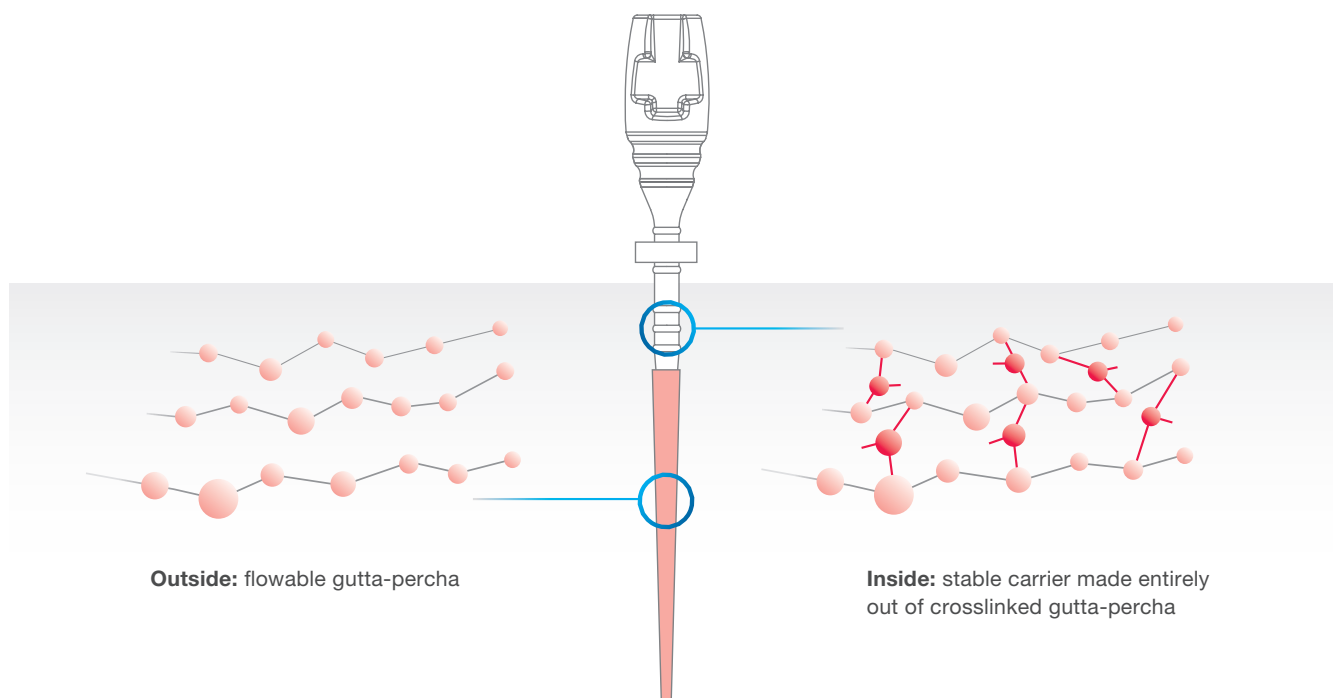


# GUTTA FUSION<sup>®</sup>

Simple to use, optimal results:  
The proven carrier based technique for  
a warm 3D obturation with an obturator  
made entirely out of gutta-percha

## The Innovation

The obturator consists entirely of gutta-percha. The crosslinked polymer chains on the inside give the carrier stability. On the outside the carrier is coated with flowable gutta-percha. The carrier helps to condense the heated flowable gutta-percha in the whole root canal system. The beneficial characteristics of gutta-percha are maintained.



## For a warm 3D obturation – without compromise

- Homogeneous filling of the whole root canal system
- Precise placement of the obturator, even in molars, thanks to specially developed handle for tweezers
- Easy removal of the handle without additional instruments
- Simplified post space preparation




## GUTTAFUSION® for RECIPROC®

Suitable for the RECIPROC® System. The use of Size Verifiers is not necessary.

### GUTTAFUSION® for RECIPROC® Obturators

#### Obturators made entirely of gutta-percha

- Good radiopacity
- Colour coded according to the RECIPROC® system
- Obturators in sizes R25, R40 and R50
- Blister pack of 6 pieces

Blister of 6 obturators		1 blister	5 blisters	
R25	●	1504 000 025	1503 000 025	
R40	●	1504 000 040	1503 000 040	
R50	●	1504 000 050	1503 000 050	







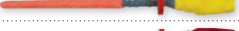

## GUTTAFUSION®

Universal system for 3-dimensional obturation after preparation with rotary NiTi systems, for example Mtwo®. GUTTAFUSION® Size Verifiers are necessary with these NiTi systems in order to ensure correct selection of the appropriate obturator.

### GUTTAFUSION® Obturators

#### Obturators made entirely of gutta-percha

- Good radiopacity
- ISO colour coded
- Obturators in sizes 20-55
- Blister pack of 6 pieces



Blister of 6 obturators		1 blister	5 blisters	
20	●	1505 000 020	1506 000 020	
25	●	1505 000 025	1506 000 025	
30	●	1505 000 030	1506 000 030	
35	●	1505 000 035	1506 000 035	
40	●	1505 000 040	1506 000 040	
45	○	1505 000 045	-	
50	●	1505 000 050	-	
55	●	1505 000 055	-	

### GUTTAFUSION® Size Verifiers

#### Instruments to determine the correct obturator size after preparation with rotary NiTi systems

- Nickel-Titanium
- Radiopaque
- ISO colour coded
- With pre-mounted silicone-stoppers
- Size Verifiers in sizes 20-55
- Blister pack of 6 pieces



Blister of 6 size verifiers		1 blister	
20	●	1508 000 020	
25	●	1508 000 025	
30	●	1508 000 030	
35	●	1508 000 035	
40	●	1508 000 040	
45	○	1508 000 045	
50	●	1508 000 050	
55	●	1508 000 055	
25-35		1508 000 305	

■ **GUTTAFUSION® for RECIPROC® Basic Kit** \_\_\_\_\_ REF 1502 000 000

- 3 blister packs of 6 GUTTAFUSION® for RECIPROC® Obturators R25
- 1 blister pack of 6 GUTTAFUSION® for RECIPROC® Obturators R40
- 1 blister pack of 6 GUTTAFUSION® for RECIPROC® Obturators R50
- Obturation Practice Block suitable for GUTTAFUSION® for RECIPROC® Obturators R25
- 1 x RECIPROC® Paper Points assorted, sizes R25, R40, R50, sterile
- User card, Directions for use



■ **GUTTAFUSION® for RECIPROC® Starter Kit** \_\_\_\_\_ 1520 000 000

Starter Kit for a fast start with warm, 3-dimensional and dense root canal filling. Contents specially selected for use with the RECIPROC® System.

- GUTTAFUSION® Oven
- GUTTAFUSION® for RECIPROC® Basic Kit

230 V

1525 000 000

115 V



■ **GUTTAFUSION® Basic Kit for Mtwo®** \_\_\_\_\_ 1501 000 000

- 2 blister packs of 6 GUTTAFUSION® Obturators size 25
- 1 blister pack of 6 GUTTAFUSION® Obturators size 30
- 1 blister pack of 6 GUTTAFUSION® Obturators size 35
- 1 blister pack of 6 GUTTAFUSION® Size Verifiers assorted sizes 25, 30, 35
- Obturation Practice Block suitable for GUTTAFUSION® Obturators size 25
- 1 x Mtwo® Paper Points assorted, sizes 25/.06, 30/.05, 35/.04, 40/.04, 25/.07, sterile
- User card, Directions for use



■ **GUTTAFUSION® Starter Kit for Mtwo®** \_\_\_\_\_ 1510 000 000

Starter Kit for a fast start with warm, 3-dimensional and dense root canal filling. Contents specially selected for the Mtwo® System

- GUTTAFUSION® Oven
- GUTTAFUSION® Basic Kit for Mtwo®

230 V

1515 000 000

115 V



■ **GUTTAFUSION® Oven** \_\_\_\_\_ 1500 000 000

Oven for simultaneous heating of up to two obturators

- Heating of GUTTAFUSION® Obturators in less than one minute
- Visual and acoustic warning signals
- Stable release of obturator holders
- Simple cleaning thanks to special mode
- User-friendly

230 V

1500 000 530

115 V



## GuttaMaster® Obturation System

# GUTTA MASTER®









### Warm filling method compatible with M<sub>two</sub>® NiTi system

- GuttaMaster® Obturators and GuttaMaster® Plastic Verifiers suitable for M<sub>two</sub>® NiTi system
- Safe and biocompatible filling material
- 3-dimensional sealability
- Easy filling of lateral and curved root canals
- Flowable α-gutta-percha with low melting point allows apical sealing of the root canal including lateral canals and isthmi

### GuttaMaster® Endodontic Obturators for M<sub>two</sub>®

#### Carrier with gutta-percha









- Safe filling of straight and curved root canals
- GuttaMaster® obturators compatible with M<sub>two</sub>® NiTi system
- Carriers coated with α-gutta-percha with low melting point
- Radiopaque obturators
- Obturator sizes 20-60
- Length markings at 18, 19, 20, 22, 24, 27 and 29 mm
- ISO colour coded
- Available in packs of 6 or 20

Size		6 pack	20 pack	
20	●	505 025 020	506 025 020	
25	●	505 025 025	506 025 025	
30	●	505 025 030	506 025 030	
35	●	505 025 035	506 025 035	
40	●	505 025 040	506 025 040	
45	○	505 025 045	506 025 045	
50	●	505 025 050	-	
60	●	505 025 060	-	
20-45		505 025 236	506 025 520	

### GuttaMaster® Endodontic Verifiers for M<sub>two</sub>®

#### Instrument to verify correct obturator size for root canals prepared with M<sub>two</sub>® NiTi system

- Compatible with M<sub>two</sub>® NiTi system
- Verifier sizes 20-60
- Length markings at 18, 19, 20, 22, 24, 27 and 29 mm
- Radiopaque
- ISO colour coded
- Available in packs of 6

Size		6 pack	
20	●	508 025 020	
25	●	508 025 025	
30	●	508 025 030	
35	●	508 025 035	
40	●	508 025 040	
45	○	508 025 045	
50	●	508 025 050	
60	●	508 025 060	
20-45		508 025 236	



REF

## ■ GuttaMaster® PREPI® Burs

515 000 000

Burs for cutting the handle of GuttaMaster® obturators

- Fast and easy cutting of obturator handle after filling root canals
- GuttaMaster® PREPI® Burs available in different diameters: 1 x 0.7 mm / 0.9 mm each, 2 x 1.2 mm / 1.5 mm each; assortment 6 pack
- Use for high speed turbine contra-angle 150,000 up to 200,000 rpm



## ■ GuttaMaster® Practice Kit

509 000 000

Plastic blocks and obturators for training with GuttaMaster® system

- Box with two plastic blocks with simulated canals and lateral canals and two GuttaMaster® obturators



# ENDO KNOW-HOW

[www.vdw-dental.com](http://www.vdw-dental.com)

- Courses & Workshops
- Webcasts
- Webinars with Prof. Ghassan Yared, Toronto (CA)

## 3-dimensional, dense and durable obturation of root canals

### Best obturation results for every tooth\*

- Highest success rate (90 %) with warm vertical condensation (Toronto Study 2003 and 2004)
- Reliable obturation of the entire root canal system: oval canals, isthmi, ramifications, lateral canals
- Homogeneous and dense filling
- Faster filling than lateral compaction
- Minimal risk of root fractures
- Easy placing of root posts: filling up to the desired level makes removal of gutta-percha unnecessary
- Adhesive restoration possible in one session

\*Data on file

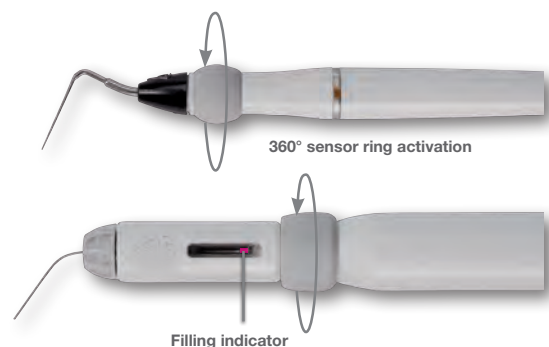
### Easy to use

- Clear user interface: separated into Downpack and Backfill
- Simple navigation at the push of a button
- Individually adjustable parameters
- Preset buttons to save preferred settings
- Ergonomic handpiece with 360° operation
- Feather-touch activation thanks to flexible sensor ring

### Full concentration on filling

- Excellent visibility of the root canal entrance thanks to slim handpieces and extra long canulas
- Optimal holding position of the handpiece for every anatomy due to 360° sensor ring
- More comfort: light-weight handpieces (20.1 g and 127.4 g)
- Steady application thanks to precise and micromotor controlled release of gutta-percha
- Safe use due to visual and audible signals

## BeeFill® 2in1



## ■ BeeFill®2in1

REF

541 000 000

Obturation device for Downpack and Backfill technique



## ■ BeeFill®2in1 Obturation Kit

545 000 000

- 1 x BeeFill®2in1 device
- 3 x BeeFill® heat pluggers: standard 40/.03, soft 50/.05, soft 60/.06
- 1 x BeeFill® thermal response tip
- 30 BeeFill® cartridges, 10 pieces each size: 20G = Ø 0.80 mm | 23G = Ø 0.60 mm | 25G = Ø 0.45 mm
- 3 x Machtou hand pluggers, size: 0 (NiTi), 1-2 and 3-4
- 1 x 2Seal easymiX® root canal sealer
- 2 x alpha Gutta-Percha, assorted ISO 15-40, taper .04 and .06



## ■ BeeFill®Pack

544 000 000

Obturation device for Downpack technique

- Downpack in combination with BeeFill®
- Battery operated, can be used while charging



## ■ BeeFill®

531 000 000

Obturation device for Backfill technique

- Backfill in combination with BeeFill®Pack



### BeeFill® Heat Pluggers

- For Downpack and searing off gutta-percha
- Continuous Wave or Schilder technique
- Standard and soft heat pluggers
- Fast heating and cooling down
- ISO colour coding
- Autoclavable
- System for easy and quick change

Heat plugger standard 40/.03	547 000 040
Heat plugger soft 50/.05	546 000 050
Heat plugger soft 60/.06	546 000 060



REF

### ■ BeeFill® Thermal Response Tip

548 000 000

Pulp sensitivity tester

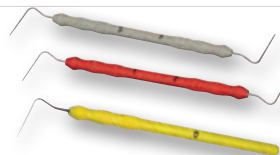


### Machtou Hand Pluggers

#### For warm, vertical compaction

- Ergonomic silicone handle
- Stainless steel pluggers with length markings
- Autoclavable
- Flexible NiTi hand plugger (size 0) for narrow and curved canals

Size/ISO	
0/40 (NiTi)	1063 000 040
1-2/50+60	1063 001 002
3-4/80+100	1063 003 004



### BeeFill® Cartridges

#### Injection of warm gutta-percha

- Flexible and extra long canula – also for curved root canals
- One cartridge fills 4-6 root canals
- Quick and clean change of cartridges through drop-in/drop-out design
- Matching cartridge for each canal anatomy:  
25G = Ø 0.45 mm | 23G = Ø 0.60 mm | 20G = Ø 0.80 mm
- 10 cartridges per blister
- 25G cartridge for narrow canals; easy spreading in delicate lateral canals thanks to good flowing properties of gutta-percha

Size	
20G / 0.80 mm	532 053 080
23G / 0.60 mm	532 053 060
25G / 0.45 mm	532 053 045



### Paper Points

- Highly absorbent sterilised points
- Sterile packed to support infection control
- Fully saturated points retain good material consistency
- ISO colour coded ends

### Paper Points Taper .02

- ISO standardised
- Length markings at 18, 20 and 22 mm
- Sizes 15-80 slide cassette of 200 pieces
- Sizes 90-140 slide cassette of 90 pieces

STERILE

Size/Taper		29 mm
15/.02	○	550 029 015
20/.02	●	550 029 020
25/.02	●	550 029 025
30/.02	●	550 029 030
35/.02	●	550 029 035
40/.02	●	550 029 040
15-40/.02		550 029 230
45/.02	○	550 029 045
50/.02	●	550 029 050
55/.02	●	550 029 055
60/.02	●	550 029 060
70/.02	●	550 029 070
80/.02	●	550 029 080
45-80/.02		550 029 240
90-140/.02		550 029 260



### Paper Points Taper .04 and .06

- ISO standardised
- Length markings at 18, 20 and 22 mm
- Sizes 15-40, slide cassette of 120 pieces

STERILE

Size/Taper		29 mm
15/.04	○	558 029 015
20/.04	●	558 029 020
25/.04	●	558 029 025
30/.04	●	558 029 030
35/.04	●	558 029 035
40/.04	●	558 029 040
15-40/.04		558 029 230



STERILE

Size/Taper		29 mm
15/.06	○	559 029 015
20/.06	●	559 029 020
25/.06	●	559 029 025
30/.06	●	559 029 030
35/.06	●	559 029 035
40/.06	●	559 029 040
15-40/.06		559 029 230



### Paper Points sterile Taper .02

- ISO standardised
- Sterile packed in blister cells to support infection control
- Sizes 15-80, 180 pieces: 5 paper points per blister cell
- Sizes 90-140, 144 pieces: 4 paper points per blister cell
- Assortments: 6 blister cells of each size

STERILE

Size/Taper		29 mm
15/.02	○	560 029 015
20/.02	●	560 029 020
25/.02	●	560 029 025
30/.02	●	560 029 030
35/.02	●	560 029 035
40/.02	●	560 029 040
15-40/.02		560 029 230
45/.02	○	560 029 045
50/.02	●	560 029 050
55/.02	●	560 029 055
60/.02	●	560 029 060
70/.02	●	560 029 070
80/.02	●	560 029 080
45-80/.02		560 029 240
90-140/.02		560 029 260



### Mtwo® Paper Points

#### Mtwo® Paper Points suitable for the Mtwo® NiTi system

- Fully saturated points retain good material consistency
- Length markings at 18, 20 and 22 mm
- Sterilised points in blister cells to support infection control
- 144 pieces: 4 paper points per blister cell

STERILE

Size/Taper		29 mm
25/.06	●	225 629 025
30/.05	●	225 529 030
35/.04	●	225 429 035
40/.04	●	225 429 040
45/.04	○	225 429 045
50/.04	●	225 429 050
60/.04	●	225 429 060
25/.07	●	225 729 025
30/.06	●	225 629 030
35/.06	●	225 629 035
40/.06	●	225 629 040
48 x 25/.06; 24 x 30/.05, 35/.04, 40/.04, 25/.07 each		225 029 457



### RECIPROC® Paper Points

#### RECIPROC® Paper Points suitable for the RECIPROC® NiTi system

- Fully saturated points retain good material consistency
- Length markings at 18, 20 and 22 mm
- Sterilised points in blister cells to support infection control
- 144 pieces: 4 paper points per blister cell

STERILE

Size/Taper		29 mm
R25	●	216 029 025
R40	●	216 029 040
R50	●	216 029 050
96 x R25, 24 x R40, 24 x R50		216 029 237



REF

## ■ 2Seal® \_\_\_\_\_ 1020 000 000

Root Canal Sealer on epoxy-amine resin basis

- Excellent biocompatibility
- Very low shrinkage
- Long-term dimensional stability
- Good sealing properties
- For all obturation methods: thermostable up to 250°C
- Ideal radiopacity
- For manual mixing: 2-tube pack with 4 ml paste A and B



## 2Seal easymiX®

Root Canal Sealer on epoxy-amine resin basis in convenient double-chamber mixing syringe. Easy application with interchangeable, flexible intra oral tips

- Easy-to-use, safe and fast
- Always mixed in ideal ratio
- Can be applied directly into the root canal
- Precise application even in canals with difficult access
- Clean and convenient: no mess, no waste

# 2Seal easymiX



## ■ 2Seal easymiX® Starter Kit \_\_\_\_\_ 1025 000 000

- 1 x 2Seal easymiX® Mixing Syringe, 15 g
- 20 x Mixing Tips with Intra Oral Tips
- 1 x Mixing Block
- 1 x Illustrated Manual
- 1 x Organiser



## ■ 2Seal easymiX® Mixing Syringe \_\_\_\_\_ 1025 000 001

- 2 x 2Seal easymiX® Mixing Syringe, 15 g



## ■ 2Seal easymiX® Mixing Tips \_\_\_\_\_ 1025 000 002

- 40 x Mixing Tips with Intra Oral Tips



## Standardised Gutta-Percha Cones

- Sturdy cones made from homogeneous gutta-percha
- Best plasticity for lateral compaction
- High stability and extra smooth surface for easy insertion into the canal
- ISO colour coded ends
- High radiopacity
- Practical, slide cassette with foam inlay prevents cones from falling out
- Available in tapers .02, .04 and .06

### Gutta-Percha Taper .02

- ISO standardised
- Sizes 15-80 slide cassette of 120 pieces
- Sizes 90-140 slide cassette of 60 pieces

Size/Taper		28 mm
15/.02	○	525 028 015
20/.02	●	525 028 020
25/.02	●	525 028 025
30/.02	●	525 028 030
35/.02	●	525 028 035
40/.02	●	525 028 040
15-40/.02		525 028 230
45/.02	○	525 028 045
50/.02	●	525 028 050
55/.02	●	525 028 055
60/.02	●	525 028 060
70/.02	●	525 028 070
80/.02	●	525 028 080
45-80/.02		525 028 240
90-140/.02		525 028 260



### Gutta-Percha Taper .04 and .06

#### For fast obturation of tapered canals

- ISO standardised
- Slide cassette of 60 pieces

Size/Taper		28 mm
15/.04	○	528 028 015
20/.04	●	528 028 020
25/.04	●	528 028 025
30/.04	●	528 028 030
35/.04	●	528 028 035
40/.04	●	528 028 040
15-40/.04		528 028 230



Size/Taper		28 mm
15/.06	○	529 028 015
20/.06	●	529 028 020
25/.06	●	529 028 025
30/.06	●	529 028 030
35/.06	●	529 028 035
40/.06	●	529 028 040
15-40/.06		529 028 230





## alpha Gutta-Percha Taper .04 and .06

### For thermoplastic obturation

- Ideal for use with BeeFill® 2in1, BeeFill®Pack etc.
- With low melting point
- ISO standardised
- Slide cassette of 60 pieces

Size/Taper		28 mm
15/.04	○	521 028 015
20/.04	●	521 028 020
25/.04	●	521 028 025
30/.04	●	521 028 030
35/.04	●	521 028 035
40/.04	●	521 028 040
15-40/.04		521 028 230



Size/Taper		28 mm
15/.06	○	522 028 015
20/.06	●	522 028 020
25/.06	●	522 028 025
30/.06	●	522 028 030
35/.06	●	522 028 035
40/.06	●	522 028 040
15-40/.06		522 028 230



## Mtwo® Gutta-Percha

### Mtwo® Gutta-Percha suitable for the Mtwo® NiTi system

- Optimal fit to Mtwo® preparation thanks to precise machine rolled process
- α-phase with low melting point for cold and warm obturation techniques
- Slide cassette of 60 pieces

Size/Taper		28 mm
25/.06	●	220 628 025
30/.05	●	220 528 030
35/.04	●	220 428 035
40/.04	●	220 428 040
45/.04	○	220 428 045
50/.04	●	220 428 050
60/.04	●	220 428 060
25/.07	●	220 728 025
30/.06	●	220 628 030
35/.06	●	220 628 035
40/.06	●	220 628 040
20 x 25/.06; 10 x 30/.05, 35/.04, 40/.04, 25/.07 each		220 028 457



## RECIPROC® Gutta-Percha

### RECIPROC® Gutta-Percha suitable for the RECIPROC® NiTi system

- Optimal fit to RECIPROC® preparation thanks to special injection moulding process
- α-phase with low melting point for cold and warm obturation techniques
- Slide cassette of 60 pieces

Size		28 mm
R25	●	214 028 025
R40	●	214 028 040
R50	●	214 028 050
40 x R25, 10 x R40, 10 x R50		214 028 237



## Conventional Gutta-Percha

### Additional cones for the masterpoint technique

- 20 mm points in conventional sizes
- Sizes XXF-L, slide cassette of 100 pieces

Size	20mm
xxfine	542 020 431
xfine	542 020 441
fine	542 020 451
medium	542 020 461
large	542 020 471
xf-l	542 020 477



## Silver Points

- Approx. 99.85 % pure silver
- Max. 0.12-0.13 % nickel content
- Practical slide cassette of 30 pieces

Size	30mm
10	● 098 030 010
15	○ 098 030 015
20	● 098 030 020



REF

## ■ GuttaCut® \_\_\_\_\_ 143 000 000

For fast, precise and safe cutting of excess gutta-percha.  
Cordless, rechargeable handpiece with loading station and 4 interchangeable cutting tips.

- The loop on the cutting tip provides easy access to the cavity and excess gutta-percha can be cut off exactly at the canal orifice.
- The handpiece is inserted cold and the cutting tip heats up instantly by pressing the button. When the button is released, the tip cools down within seconds.
- The hot cutting prevents loosening of the filling material.
- Only the cordless handpiece is required chairside.



## ■ GuttaCut® Handpiece \_\_\_\_\_ 511 000 000

- A second handpiece for the charger



## GuttaCut® Cutting Tips

- Autoclavable
- Set of 4 pieces

Size	
1	512 000 001
2	512 000 002
3	512 000 003
4	512 000 004
1-4	512 000 150



### VDW®STERILE Root Filler “L”

**For filling root canals with paste, cement or sealer**

- Metal shaft, ISO standardised
- The cone shaped spiral prevents air bubble inclusions. Good sealing!
- Blister of 4 pieces, sterile
- Also available in non-sterile packaging



Size	21 mm ●	25 mm ●	21 mm ▲	25 mm ▲
25	● 393 021 025	● 393 025 025	▲ 093 021 025	▲ 093 025 025
30	● 393 021 030	● 393 025 030	▲ 093 021 030	▲ 093 025 030
35	● 393 021 035	● 393 025 035	▲ 093 021 035	▲ 093 025 035
40	● 393 021 040	● 393 025 040	▲ 093 021 040	▲ 093 025 040
25-40	● 393 021 290	● 393 025 290	▲ 093 021 290	▲ 093 025 290



### VDW®STERILE NiTi Finger Spreaders

**For lateral condensation in curved canals**

- Sizes 15-40 to match ISO standardised gutta-percha cones
- With pre-mounted silicone stoppers
- Blister of 6 pieces, sterile
- Also available in non-sterile packaging



Size	25 mm ●	25 mm ▲
15 ○	● 392 025 015	▲ 295 025 015
20 ●	● 392 025 020	▲ 295 025 020
25 ●	● 392 025 025	▲ 295 025 025
30 ●	● 392 025 030	▲ 295 025 030
35 ●	● 392 025 035	▲ 295 025 035
40 ●	● 392 025 040	▲ 295 025 040
15-40	● 392 025 230	▲ 295 025 230



### VDW®STERILE Finger Spreaders

**For lateral condensation of gutta-percha cones**

**With pointed tip**

- Stainless Steel
- Length of tapered section 16 mm
- Working length 25 mm
- Sizes 15-40 to match standardised gutta-percha cones
- With pre-mounted silicone stoppers
- Blister of 6 pieces, sterile
- Also available in non-sterile packaging



Size	25 mm ●	25 mm ▲
15 ○	● 395 025 015	▲ 095 025 015
20 ●	● 395 025 020	▲ 095 025 020
25 ●	● 395 025 025	▲ 095 025 025
30 ●	● 395 025 030	▲ 095 025 030
35 ●	● 395 025 035	▲ 095 025 035
40 ●	● 395 025 040	▲ 095 025 040
15-40	● 395 025 230	▲ 095 025 230



### VDW®STERILE Finger Pluggers

**For vertical condensation of gutta-percha cones**

**With blunt tip**

- Stainless Steel
- Sizes 15-40 to match ISO standardised gutta-percha cones
- With pre-mounted silicone stoppers
- Blister of 6 pieces, sterile
- Also available in non-sterile packaging



Size	25 mm ●	25 mm ▲
15 ○	● 399 025 015	▲ 099 025 015
20 ●	● 399 025 020	▲ 099 025 020
25 ●	● 399 025 025	▲ 099 025 025
30 ●	● 399 025 030	▲ 099 025 030
35 ●	● 399 025 035	▲ 099 025 035
40 ●	● 399 025 040	▲ 099 025 040
15-40	● 399 025 230	▲ 099 025 230



E

DT ILLUSION™ SL  
XRO® 

E

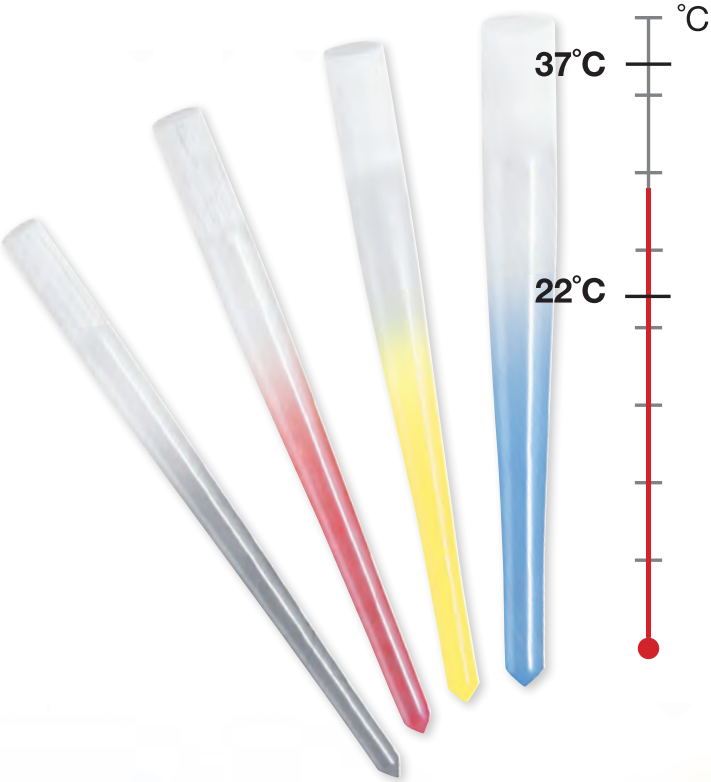


Posts

7

E

# The visibly better fibre post



## The Quartz Fibre Post with Colour-On-Demand

Invisible in the tooth – but clearly visible during treatment: Due to thermally reactive pigments, DT ILLUSION™XRO®SL quartz fibre posts are easily distinguishable from dentine when you need it – coloured at room temperature (22°C) making it conveniently visible for placement and retreatment, but translucent at body temperature (37°C) for an aesthetically perfect tooth.

### Easier Placement and Retreatment

Colour pigments enable posts to be distinguished from dentine when required – even without magnification.

### Easy Identification of Post Size

- Simple selection of matching colour-coded drill
- No risk of mixing up sizes since it is possible to check the post colour at any time
- No removal of ring markings

### XRO® Fibre for Strongest Radiopacity

A patented quartz fibre with a highly improved radiopacity (360%-730% AI) enables clear radiographical identification of a DT ILLUSION™XRO®SL quartz fibre post. The rootpost can be clearly identified from dentine and root filling on a radiograph.

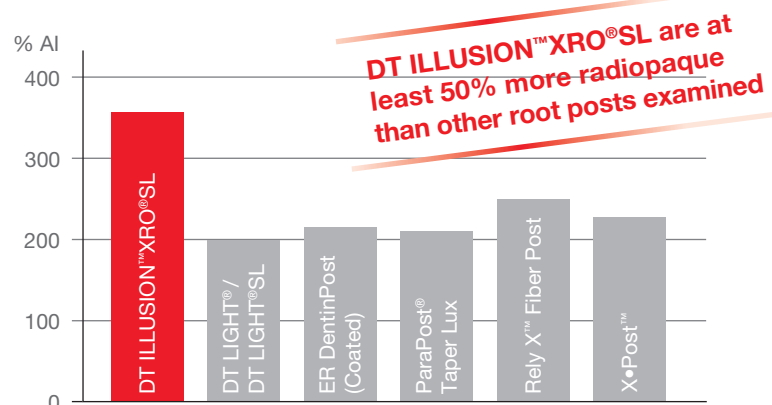
### Outstanding Radiopacity Amongst Competitors

DT ILLUSION™SL  
XRO®



eXtra RadiOpaque

- ✓ Improved control after placement
- ✓ Optimal post detection



Source: RTD laboratory test, St. Egrève, France

## DT ILLUSION™XRO®SL

REF

### DT ILLUSION™XRO®SL Basic Kit \_\_\_\_\_ 1940 000 000

- 12 posts: 3 per size: #0 / #1 / #2 / #3
- 4 DT Finishing Drills: 1 per size: #0 (Universal Drill) / #1 / #2 / #3



### DT ILLUSION™XRO®SL Refill Blister Pack

- 6 posts of one size in blister
- Individually packed for convenience

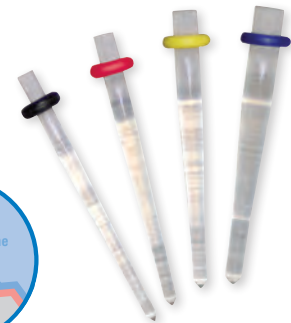
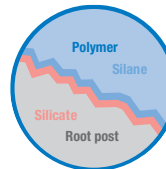
Size	
DT ILLUSION™XRO®SL #0	1941 000 000
DT ILLUSION™XRO®SL #1	1941 000 001
DT ILLUSION™XRO®SL #2	1941 000 002
DT ILLUSION™XRO®SL #3	1941 000 003



## DT LIGHT®SL

**Unique Safety Lock® Coating**  
**Industrially preconditioned post with silanesilicate coating and protective polymer layer**

- Reliable bonding with the composite cement
- Long-term bonding adhesion
- One step less during treatment
- Compatible with all adhesive systems
- Plus all the proven features of DT LIGHT®



REF

### DT LIGHT®SL Basic Kit \_\_\_\_\_ 1930 000 000

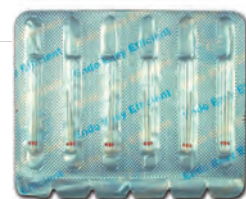
- 12 posts: 3 per size: #0 / #1 / #2 / #3
- 4 DT Finishing Drills: 1 per size: #0 (Universal Drill) / #1 / #2 / #3



### DT LIGHT®SL Refill Blister Pack

- 6 posts of one size in blister
- Individually packed for convenience

Size	
DT LIGHT®SL #0	1931 000 000
DT LIGHT®SL #1	1931 000 001
DT LIGHT®SL #2	1931 000 002
DT LIGHT®SL #3	1931 000 003

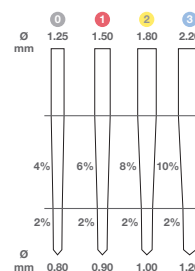




## DT LIGHT®

### Clinically tried and tested quartz fibre posts

- Root-friendly: elasticity modulus similar to dentine
- Aesthetics: high translucency
- Minimally invasive: Double Taper design
- Clinical control: radiopaque
- Durable and resistant



Double Taper-Design

### DT LIGHT® Basic Kit

- 12 posts: 3 per size: #0 / #1 / #2 / #3
- 4 DT Finishing Drills: 1 per size: #0 (Universal Drill) / #1 / #2 / #3

REF

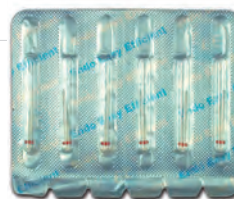
931 000 500



### DT LIGHT® Refill Blister Pack

- 6 posts of one size in blister
- Individually packed for convenience

Size	REF
DT LIGHT® #0	931 000 000
DT LIGHT® #1	931 000 001
DT LIGHT® #2	931 000 002
DT LIGHT® #3	931 000 003



## DT Accessories

### DT Universal Drill (Finishing Drill #0)

Drill for removing the root canal filling

- Pack of 2 pieces

REF

935 000 000



### DT Finishing Drill

Drill for post fitting in the root canal

- Pack of 2 pieces

DT Finishing Drill #1

935 000 001

DT Finishing Drill #2

935 000 002

DT Finishing Drill #3

935 000 003



### Composibrush

Endo brush for applying bonding material to the root canal

- Pack of 50 pieces

REF

936 000 000



### DT Post Removal Kit

For the fast, safe removal of DT Posts with no unnecessary dentine removal

- Cassette of 2 drills

REF

938 000 001



## Perma-tex Posts

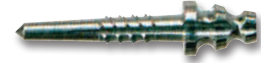
Active Titanium posts for the direct method

### Perma-tex >progress<

For premolars and front teeth

- Conical head towards the crown
- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	∅ Post Tip	∅ Post Head
small	901 000 001	10.7 mm	7.2 mm	3.5 mm	0.95 mm	1.5 - 2.5 mm
medium	901 000 002	12.7 mm	8.9 mm	3.8 mm	0.95 mm	1.5 - 3.0 mm
large	901 000 003	17.2 mm	12.2 mm	5.0 mm	0.95 mm	1.7 - 4.0 mm



### Perma-tex >active<

For molars

- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	∅ Post Tip	∅ Post Head
small	903 000 001	9.9 mm	7.2 mm	2.7 mm	0.95 mm	2.5 mm
medium	903 000 002	12.7 mm	8.9 mm	3.8 mm	0.95 mm	3.0 mm
large	903 000 003	17.2 mm	12.2 mm	5.0 mm	0.95 mm	4.0 mm



## Perma-dor® Posts

Passive precious metal posts

- Conical shape for minimal dentine removal and reduction of stress
- Optimal cement adhesion and retention due to sandblasted surface
- Breakage safety due to cooling effect (no shrinkage cavities)
- Build up with precious metal only

### Perma-dor®

- Au 60, Pt 24.9, Pd 15, Ir 0.1
- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	∅ Post Tip	∅ Post Head
small	911 000 001	12.0 mm	7.2 mm	4.8 mm	1.1 mm	1.5 mm
medium	911 000 002	15.0 mm	8.9 mm	6.1 mm	1.1 mm	1.6 mm
large	911 000 003	17.1 mm	12.2 mm	4.9 mm	1.1 mm	1.8 mm



### Perma-dor® >proviso<

For temporary restoration

- Pt 4.9, Pd 35, Ag 52.5, Cu 7.1, Zn 0.4, Ir 0.1
- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	∅ Post Tip	∅ Post Head
small	913 000 001	12.0 mm	7.2 mm	4.8 mm	1.1 mm	1.5 mm
medium	913 000 002	15.0 mm	8.9 mm	6.1 mm	1.1 mm	1.6 mm
large	913 000 003	17.1 mm	12.2 mm	4.9 mm	1.1 mm	1.8 mm



**Perma-dor® >bident<****For narrow canals and front teeth**

- Au 60, Pt 24.9, Pd 15, Ir 0.1
- Flat head
- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	ø Post Tip	ø Post Head
small	915 000 001	9.5 mm	7.2 mm	2.3 mm	1.1 mm	1.6 mm
medium	915 000 002	11.8 mm	8.9 mm	2.9 mm	1.1 mm	2.0 mm
large	915 000 003	16.0 mm	12.2 mm	3.8 mm	1.1 mm	2.3 mm


**Perma-dor® >twin<****For patients allergic to palladium**

- Palladium-free precious metal post (Au 40, Pt 60)
- Pack of 5 posts

Size	REF	Total Length	Shaft Length	Head Height	ø Post Tip	ø Post Head
small	917 000 001	12.0 mm	7.2 mm	4.8 mm	1.1 mm	1.5 mm
medium	917 000 002	15.0 mm	8.9 mm	6.1 mm	1.1 mm	1.6 mm
large	917 000 003	17.1 mm	12.2 mm	4.9 mm	1.1 mm	1.8 mm


**Perma-tex/Perma-dor® Instruments****■ Insertion Tool >progress<**

To insert the post in root canal

- For Perma-tex >progress< posts
- Pack of 1 piece

	REF
small _____	902 000 001
medium _____	902 000 002
large _____	902 000 003

**■ Insertion Tool >active<**

To insert the post in root canal

- For Perma-tex >active< posts
- Pack of 1 piece

small _____	904 000 001
medium _____	904 000 002
large _____	904 000 003

**■ Pilot Drill with Depth Marks**

To remove the root canal's obturation material

- Pack of 5 pieces

_____	921 000 000
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**■ Calibration Drill**

To ensure the best seat of the post in the canal and to prepare the plateau

- Pack of 5 pieces

small _____	925 000 001
medium _____	925 000 002
large _____	925 000 003

**■ Trimming Drill**

To ensure the best seat of the post in the canal

- For Perma-dor® posts
- Pack of 5 pieces

_____	929 000 000
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## Boxes and Accessories

8

REF

## ■ LavEndo® \_\_\_\_\_ 479 000 000

Patented box for convenient wash-disinfection of root canal instruments

- No pre-cleaning with a brush necessary
- Without module, without instruments
- Dimensions: L 56 mm x W 56 mm x H 70 mm



## ■ LavEndo® with Mini Step Module \_\_\_\_\_ 477 000 000

- For stainless steel instruments
- Without instruments



## ■ LavEndo® with FlexMaster® Module \_\_\_\_\_ 478 000 000

- For FlexMaster® instruments
- Without instruments



## ■ Interim-Stand \_\_\_\_\_ 495 000 000

For quick chairside storing and cleaning of root canal instruments during treatment

- Foam disc autoclavable for one single use
- Interim-Stand sterilisable without foam disc, resistant to temperatures up to 200°C/390°F
- Without instruments
- Dimensions: ø 45 mm x H 35 mm



## ■ Refills for the Interim-Stand \_\_\_\_\_ 496 000 000

- Foam discs autoclavable for one single use
- 55 foam discs



### MiniBox 2100

**Box with lid** – Dimensions: L 56 mm x W 56 mm x H 65 mm

#### With Mini Step Module

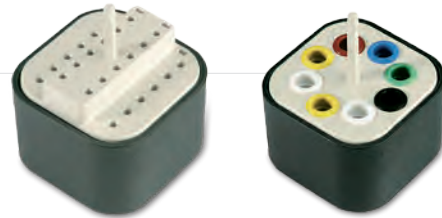
- Holds 24 instruments
- Replaceable plates for marking each instrument row

or

#### With Mini Socket Module

- With 8 colour coded sockets for obturation points

MiniBox 2100, perforated	
Box with Mini Step Module	471 000 000
Mini Step Module	403 000 000
Box with Mini Socket Module	472 000 000
Mini Socket Module	404 000 000



### BasicBox 2100

**Box with lid** – Dimensions: L 105 mm x W 55 mm x H 65 mm

#### With Step Module

- Holds 48 instruments
- Replaceable plates for marking each instrument row

or

#### With Socket Module

- With 18 colour coded sockets for obturation points

BasicBox 2100, perforated	
Box with Step Module	441 000 000
Step Module	401 000 000
Box with Socket Module	442 000 000
Socket Module	402 000 000



### SemiBox 2000

**Box with lid** – Dimensions: L 100 mm x W 100 mm x H 65 mm

#### With 2 Step Modules

- Each Step Module holds 48 instruments and has replaceable plates for marking each instrument row

or

#### With Step Module and Socket Module

- Step Module holds 48 instruments and has replaceable plates for marking each instrument row
- Socket module has 18 colour coded sockets for obturation points

SemiBox 2000, perforated	
Box with 2 Step Modules	421 000 000
Box with Step Module and Socket Module	422 000 000
Step Module	401 000 000
Socket Module	402 000 000



### Autoclave Paper

Box of 250 sheets

Autoclave Paper	
For MiniBox 2100, FlexMaster® SystemBox, FlexMaster® AccessoryBox and M <sub>two</sub> ® SystemBox	191 000 000
For BasicBox 2100 and FlexMaster® CombiBox	192 000 000
For SemiBox 2000	193 000 000



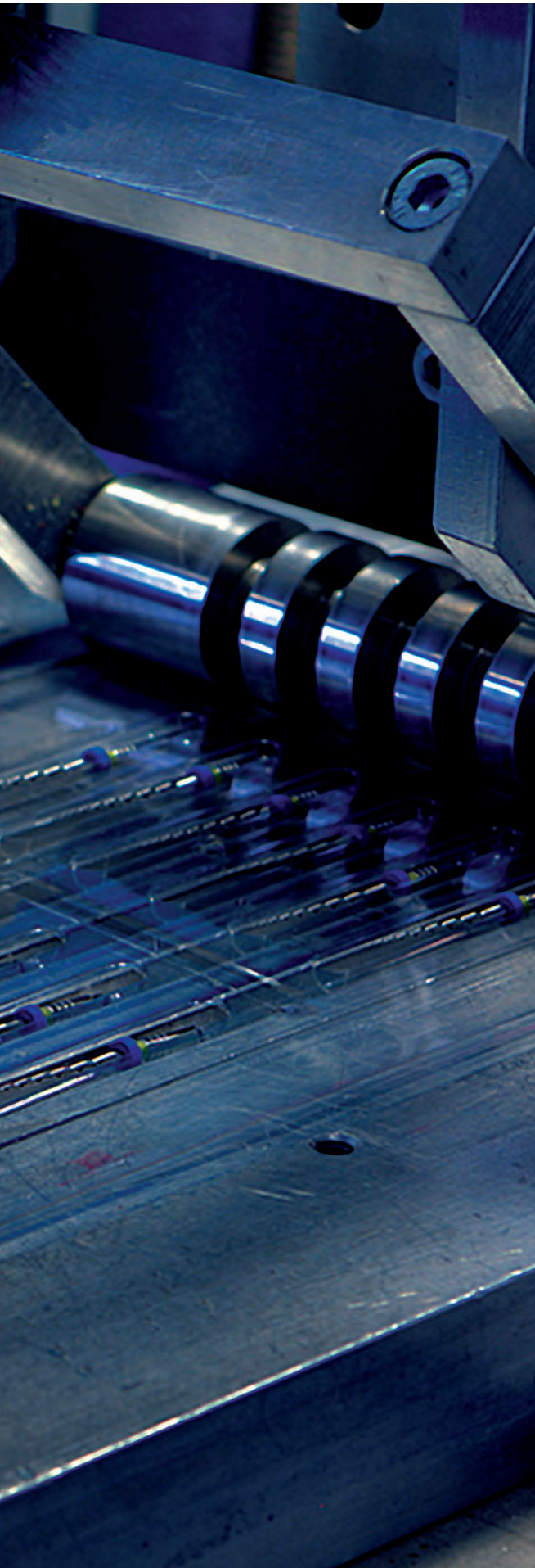
**Endo Easy Efficient**<sup>®</sup>



VDW. The Company

9





## VDW. Endo Innovator

The last 15 years have seen huge progress made in the field of endodontics. VDW, an innovative manufacturer, has contributed significantly to this technical progress. At the same time, patients have begun to place greater importance on retaining their natural teeth. The number of endodontic treatments worldwide has largely increased and it is still on the rise.

Modern endodontics uses concepts which, with the aid of devices, significantly raise the quality of treatments. Less procedure steps and reduced treatment time not only help make the job of the dentist easier, they also help make treatments more enduring for patients. As a specialist in the field of endodontics with 140 years of experience in research and development, VDW is a leading force in introducing innovative endodontic concepts. With the recent introduction of the RECIPROC® system, a new era has begun: the preparation and shaping of root canals with one single instrument! This system includes the VDW.GOLD®RECIPROC® with an integrated apex locator, which is considered a top model among endodontic motors. RAYPEX®6 is the first apex locator with a self-explanatory touchscreen function. The latest addition, GUTTAFUSION®, made entirely out of gutta-percha, provides an ideal solution for carrier-based thermoplastic obturation.

From access preparation to endodontic post-treatment care, VDW offers a whole range of endodontic products. Reduced treatment time and increased quality through innovative systems help to make the work of dentists easier, as well as treatments more enduring for patients, perfectly in line with our slogan:

**Endo Easy Efficient®**



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# EVERYTHING ENDO

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- Products – Basics – Innovations
- Service & Consulting
- Clinical Education



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