

Kerr News

Promotion valid from 1st July to 30th September, 2026



DemiTM Pro

The Light That *Moves* With You



NEW!

Restoratives



Demi™ Pro Curing Light

The Light That *Moves* With You



All-Day Comfort

Reduce fatigue with the lightweight, ergonomic design.



Deeper Cures

Delivers consistent curing performance at clinical distances, thanks to its collimated output and improved beam profile.



Easy Access

Reaches every angle with the unique 360° and low profile rotating tip.



Safety

Minimize the risk of overheating with patented PLS (Periodic Level Shift) Technology and an integrated radiometer.

Cure With Control, Not Fatigue

- ✓ Ergonomic comfort
- ✓ Pen-like precision in a lightweight, balanced body at just 115g
- ✓ 360° access with a low-profile tip



360°
PRECISION
REACH EVERY ANGLE

"The Demi Pro curing light is very lightweight and made curing at every angle comfortable."



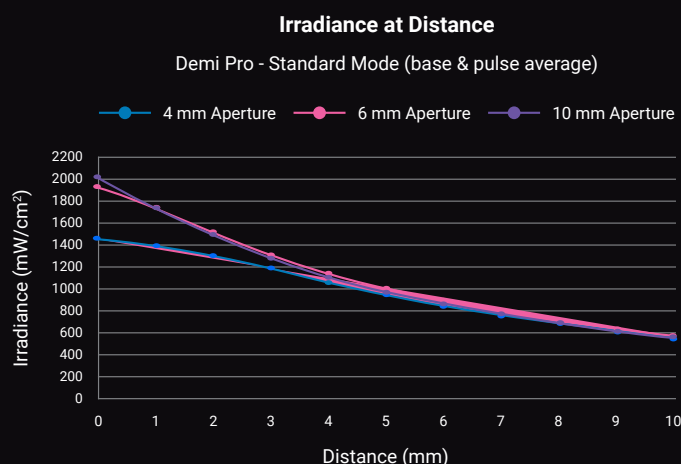
- Dr. Shahira Saad

Dr. Saad is a paid consultant of Kerr. The opinions expressed in this article are those of Dr. Saad. Kerr is a medical device manufacturer and does not dispense medical advice. Clinicians should use their own professional judgment in treating their patients.

Kerr™

Deeper Cures. Powerful Results.

Delivers powerful, collimated light output even at increased distances, ensuring reliable curing performance across various clinical scenarios.



Deeper Cures With Consistency

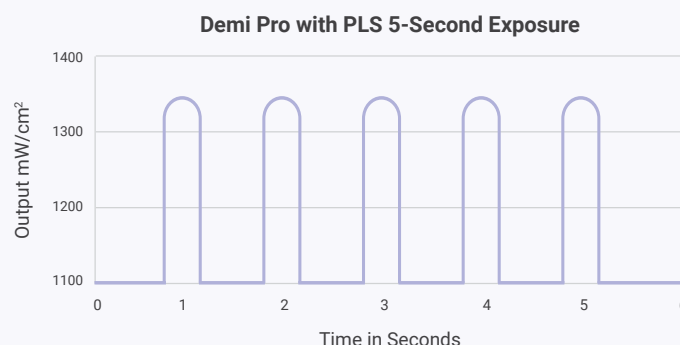
Demi Pro delivers reliable curing results with consistent, high-intensity light distribution at clinical distances.

	Demi Pro	VALO™ X	SmartLite® Pro
Mode	Standard	Std Power (Steady Blue)	Standard
Test Result (0mm) Light tested directly on sensor	1393 mW/cm²	1137 mW/cm²	1233 mW/cm²
Test Result (6mm) Light tested using tooth	1025 mW/cm²	830 mW/cm²	748 mW/cm²

Confidence Starts With Safety

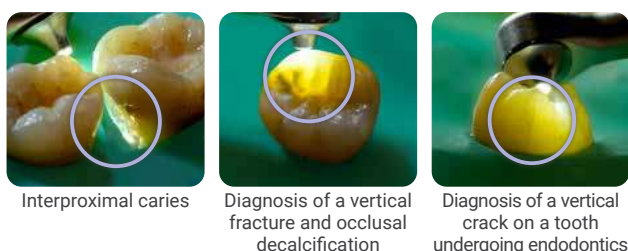
Demi Pro includes a built-in radiometer to easily test its output, giving you peace of mind going into every procedure.

Demi Pro employs the power of Periodic Level Shifting, (PLS), shifting output intensity multiple times throughout the curing cycle to drive continuous high output without generating excess heat.



Transillumination Tip*

A powerful tool to aid in intraoral visualization, diagnosis, and treatment planning.



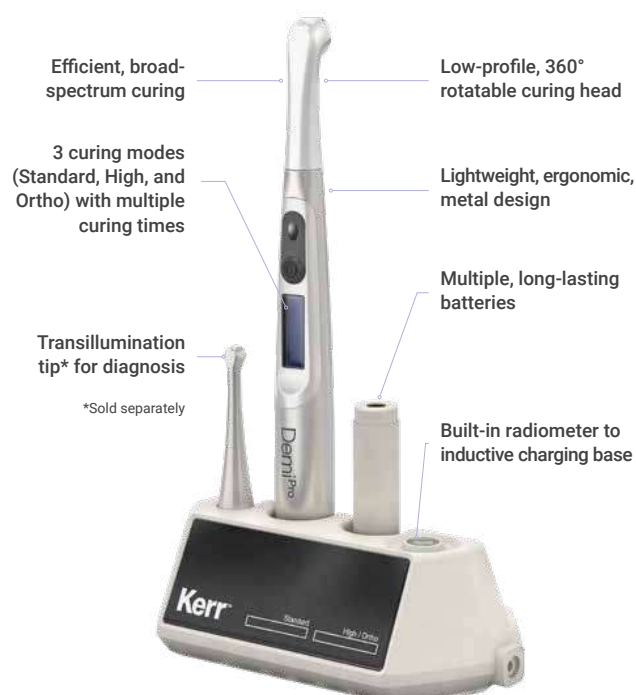
Ordering Information

Kit

37380 Complete Kit
1x Curing Tip, 1x Handpiece,
1x Charging Base, 2x Batteries,
3x Light Shields, 1x Tack Cure
Lens, 1x AC Adapter

Accessories

37381 Curing Tip
37382 Handpiece
37383 Charging Base
37384 Battery
37385 Light Shield Refill
37386 Tack Cure Lens
37387 Transillumination Tip
37379 AC Adapter



Contact your Kerr rep for further information

1

OptiBond™ Gel Etchant Jumbo

□ 34632 - Economy pack

Contains 37.5% orthophosphoric acid.

Includes:

1 jumbo 30 g syringe, 2 empty intraoral syringes, 30 tips,
Filling connector for intraoral syringes



MADE IN ITALY

1 pack

2

OptiBond™ Universal 360 Single-component universal dental adhesive

□ 36822 - Bottle Refill 5ml

BISPHENOL
A
FREE

The one for All.

All techniques. Every material.
One adhesive solution.



1 pc

MADE IN ITALY

3

OptiBond™ Universal™

Single-component universal dental adhesive, self-etch

BISPHENOL
A
FREE

One step universal formulation

- 7% by weight filled
- Patented formula with GPDM monomer
- Ternary solvent system (water, ethanol, acetone)

Uncompromised flexibility in a single bottle

- Exceptional enamel etching
- Outstanding penetration into dentinal tubules
- One step application



1 pc

□ 36519 - Refill 5ml

MADE IN ITALY

4

OptiBond™ eXTRa Universal

Single-component universal dental adhesive, self-etch

BISPHENOL
A
FREE

Two step universal formulation

- 15% by weight filled
- Patented formula with GPDM monomer
- Ternary solvent system (water, ethanol, acetone)
& Smart pH Technology

The best performance with a proven protocol

- Superior bonding results on any substrate
- Universal compatibility
- No additional products required



1 pc

□ 36658 - Bottle kit

Contents: 5 ml primer bottle, 5 ml adhesive bottle,
25 mixing tips, 50 applicators, illustrated technique guide,
instructions for use

MADE IN ITALY

5

Vertise™ Flow

Self-Adhesive Nano-Hybrid Flowable Composite

Refill



BISPHENOL
A
FREE

Vertise Flow is indicated for:

- Liner/base in large Class I and II restorations
- Small Class I and II restorations
- Pit and fissure sealing
- Ceramic repair
- Self-adhesive flowable composite - no separate bonding protocol required

A simplified restorative procedure with excellent performance

- High bond strength - incorporates clinically proven OptiBond™ adhesive technology for excellent adhesion to enamel and dentin
- Universal use - the unique self-adhesive property provides new opportunities for a wide range of indications and clinical situations
- Reduced post-operative sensitivity

1 kit pack of your choice among:

- ☐ **34399** - Assorted Kit

Contains: 4 x 2g syringes each in shades A2, A3, and A3.5, Universal Opaque, 40 application tips, 40 brushes

- ☐ **34400** - Pedodontic Kit (Pedodontics Kit)

Contains: 4 x 2g syringes each in shades: XL, A1, B1, Translucent; 40 application tips, 40 brushes



1 pack

6

SimpliShade™ Bulk Fill

BISPHENOL
A
FREE

- ☐ **37211** - 1 Syringe of 4g



1 pc

7

SimpliShade™ Bulk Fill Flow

BISPHENOL
A
FREE

- ☐ **37217** - 2 Syringes of 2g each



1 pack



8

OptiShade™

Universal Nano-Hybrid Composite in just 3 shades and two optional colors

Refill



BISPHENOL
A
FREE

1 item of your choice among:

- ☐ **37111** - Light
- ☐ **37112** - Medium
- ☐ **37114** - Bleach White
- ☐ **37115** - Universal Opaque
- ☐ **37113** - Dark

1 syringe of 4g



1 pc

SimpliShade™ BULK FILL

Simplify your procedures with one shade and one single step

Achieving highly aesthetic restorations has never been easier, thanks to SimpliShade™ Bulk Fill. You can avoid the application of a capping layer thanks to its single-step placement, and you can reduce inventory by using just one shade capable of matching all 16 VITA® Classical shades. Based on ART3 Technology (Ternary Adaptive Response Technology), SimpliShade Bulk Fill composite is easy to sculp and exhibits low polymerization shrinkage stress.

SimpliShade™ BULK FILL



SimpliShade™



9

BISPHENOL
A
FREE

Harmonize Refill™

Universal nano-hybrid composite with Adaptive Response Technology

2 items of your choice among:

Contains: 1 syringe (4 g)

2 pcs

DENTIN

- ☐ 36545 - A1
- ☐ 36536 - A2
- ☐ 36546 - A3
- ☐ 36547 - A3.5
- ☐ 36548 - A4
- ☐ 36549 - B3
- ☐ 36550 - C4
- ☐ 36551 - XL2

INCISALI

- ☐ 36538 - Amber
- ☐ 36539 - Super translucent - 3g
- ☐ 36568 - Blue
- ☐ 36569 - Transparent
- ☐ 36570 - Grey

ENAMEL

- ☐ 36552 - A1
- ☐ 36537 - A2
- ☐ 36553 - A3
- ☐ 36554 - A3.5
- ☐ 36555 - A4

- ☐ 36556 - B1
- ☐ 36557 - B2
- ☐ 36558 - B3
- ☐ 36559 - B4
- ☐ 36560 - C1
- ☐ 36561 - C2



MADE IN ITALY

10

Adapt SuperCap™

2 items of your choice among:

- ☐ 2161 - 0,030, h 5,0 mm - steel
- ☐ 2162 - 0,030, h 6,3 mm - steel
- ☐ 2171 - 0,050, h 5,0 mm - plastic
- ☐ 2172 - 0,050, h 6,3 mm - plastic
- ☐ 2181 - 0,038, h 5,0 mm - steel
- ☐ 2182 - 0,038, h 6,3 mm - steel

2 packs



11

SuperMat™

Universal fixing system for SuperCap Matrices

- ☐ 2150 - Assorted Kit

Included:
1 tensioning instrument SuperLock
14 steel matrices Adapt SuperCap ass.
6 transparent matrices Adapt SuperCap ass.

MADE IN ITALY

1 pc

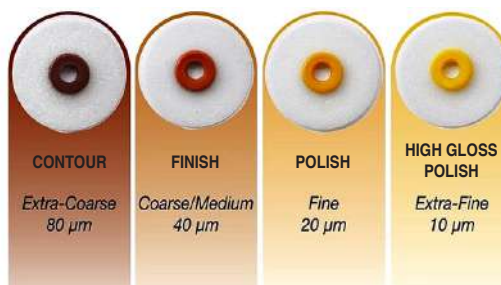


12

OptiDisc™ Refill

2 items at your choice among:

- ☐ 4183 - Extra-Fine 9,6 mm (100 pcs)
- ☐ 4182 - Fine 9,6 mm (100 pcs)
- ☐ 4181 - Coarse/Medium 9,6 mm (100 pcs)
- ☐ 4197 - Extra Coarse 9,6 mm (80 pcs)
- ☐ 4186 - Extra-Fine 12,6 mm (100 pcs)
- ☐ 4185 - Fine 12,6 mm (100 pcs)
- ☐ 4184 - Coarse/Medium 12,6 mm (100 pcs)
- ☐ 4198 - Extra Coarse 12,6 mm (80 pcs)
- ☐ 4193 - Extra-Fine 15,9 mm (100 pcs)
- ☐ 4192 - Fine 15,9 mm (100 pcs)
- ☐ 4191 - Coarse/Medium 15,9 mm (100 pcs)
- ☐ 4199 - Extra Coarse 15,9 mm (80 pcs)



2 packs

MADE IN ITALY

13

Maxcem Elite™ Standard Kit

Standard Kit

- One single cement to meet all your needs
- Can be used in:
 - Adhesive mode
 - Self-adhesive mode
 - Hybrid mode
- Can be used in total dark-cure mode without activator when used with Kerr adhesives
- Indicated for all indirect restorations and also for:
 - Post cementation
 - Core build-ups
- Compatible with all universal adhesives on the market and with all prosthetic substrates



- ☐ 34055 - Standard Kit

Contains: 5 x 5g syringes (2 Clear, 1 White, 1 Opaque White, 1 Yellow), 24 standard automix tips, 16 automix tips with attachments for intraoral and root canal tips, 8 intraoral tips, 8 root canal tips

MADE IN ITALY

3 packs with 6 hand files each of your choice among

Hedstrom™ round cross-section

Size	21 mm	25 mm	30 mm
80	61684E	61702E	61720E
70	12796E	11354E	13278E
60	12793E	11353E	12841E
55	12790E	11352E	12838E
50	12787E	11351E	12835E
45	12784E	11350E	12832E
40	12781E	11349E	12829E
35	12778E	11348E	12826E
30	12775E	11347E	12823E
25	12772E	11346E	12820E
20	12769E	11345E	12817E
15	12766E	11344E	12814E

Assorted

Size	21 mm	25 mm	30 mm
15	40	12809E	11359E 13291E
45	80	12810E	11360E 13292E

6 pieces



K-Flex™ rhomboid cross-section

Size	21 mm	25 mm	30 mm
80		15174E	15258E
70		15170E	15254E
60	15334E	15166E	15250E
55	15330E	15162E	15246E
50	15326E	15158E	15242E
45	15322E	15154E	15238E
40	15318E	15150E	15234E
35	15314E	15146E	15230E
30	15310E	15142E	15226E
25	15306E	15138E	15222E
20	15302E	15134E	15218E
15	15298E	15130E	15214E
10	15294E	15126E	15210E
08	15290E	15122E	15206E
06	60120E	60144E	60193E

6 pieces



K-Files™ square cross-section

Size	21 mm	25 mm	30 mm
80		06099E	06170E
70	06024E	06085E	06166E
60	06023E	06077E	06163E
55	06022E	06076E	06162E
50	06021E	06075E	06161E
45	06020E	06074E	06160E
40	06019E	06069E	06159E
35	06016E	06067E	06157E
30	06015E	06066E	06156E
25	06014E	06065E	06155E
20	06005E	06064E	06153E
15	06004E	06063E	06152E
10	06003E	06062E	06151E
08	14127E	14128E	14129E
06	62249E	62250E	62251E

Assorted

Size	21 mm	25 mm	30 mm
15	40	821-8021E 821-8025E	821-8030E
45	70	61363E	
45	80		821-8125E 821-8130E

6 pieces



Reamers™ triangular cross-section

Size	21 mm	25 mm	30 mm
80			61444E
70			61442E
60			61441E
45	06040E	06132E	61438E
40	06038E	06131E	61437E
35	06034E	06127E	61435E
30	06033E	06126E	61434E
25	06032E	06120E	61433E
20	06031E	06112E	
15	06030E	06111E	
10	06029E	06110E	
08	14133E	14134E	
06	62252E	62253E	

Assorted

Size	21 mm	25 mm	30 mm
15	40	821-2025E	

6 pieces



15

Traverse™

Rotary Instruments for Glide Path

1 pack at your choice:

Traverse Orifice Opener e GlidePath File

□ **818 2146** - .25/.08/17 mm + .13/.06/21mm

□ **818 2147** - .25/.08/17 mm + .13/.06/25mm

□ **818 2148** - .25/.08/17 mm + .13/.06/31mm

□ **818 2196** - .25/.08/17 mm + .18/.06/21mm

□ **818 2197** - .25/.08/17 mm + .18/.06/25mm

□ **818 2198** - .25/.08/17 mm + .18/.06/31mm

Traverse Orifice Opener

□ **818 8256** - .25/.08/17mm

Traverse Rotary Glide Path File

□ **818 2156** - .13/.06/21mm

□ **818 2157** - .13/.06/25mm

□ **818 2158** - .13/.06/31mm

□ **818 2186** - .18/.06/21mm

□ **818 2187** - .18/.06/25mm

□ **818 2188** - .18/.06/31mm



Content: 4 pieces

Connect. Learn. Be inspired.



Lisbon

October 15 -17, 2026

Kerr™ SUMMIT 2026

KERR SWITCHES TO ENVIRONMENTALLY FRIENDLY PACKAGING

As a leading provider of dental medical products, we would like to share that Kerr will switch its packaging from plastic partly to cardboard in multiple phases. This switch will reduce the amount of plastic significantly and is part of our commitment to a more sustainable and environmentally friendly production.

As part of this change, Kerr is now offering dentists large parts of its polishing and restorative accessories range in environmentally friendly cardboard boxes. These new packs are not only environmentally friendly, but also allow dentists to check the contents by means of pictograms on the outside of the packs. Unlike the previous transparent plastic packaging, this new packaging solution offers improved visibility and allows dentists to see the contents, by the usage of pictograms, at a glance.

See examples below for Hawe™ Adapt™ Matrices:



„Switching to environmentally friendly packaging for over 280 items, is an important step for us to do our bit for the environment,” said Mrs. Alessandra Bufo, Vice President, EMEA

Commercial - Consumables. „We are proud to offer our customers more environmentally friendly options while ensuring that the quality and functionality of our products is maintained.”

A vast majority of these 280 finished goods will be 100% plastic free, while for others still some plastic is needed. Nevertheless, the total reduction of plastic for these items will be more than 85%. This change will lead to a total estimated plastic reduction of 18 – 21 tons per year, for these 280 items.

Kerr remains committed to developing sustainable solutions and promoting environmentally friendly practices in all areas of its business. The switch to eco-friendly packaging is just one example of the company's commitment to a sustainable future.

About Kerr

Kerr is a leading supplier of dental medical consumables. With more than 130 years of experience in the industry, Kerr has built a reputation for quality and innovation. The company is committed to providing the best products and services to its customers while making a positive contribution to the environment.

Kerr™



—takes care.

Continuous Improvement to contribute to a more sustainable and ecologic friendly future.

New

Available
from June

ZenFlex™ ONE

Reciprocating File System

With the perfect balance of durability and high cutting efficiency. ZenFlex ONE gives you more confidence and a smooth finish you can trust.



High Cutting Efficiency

Proprietary heat treatment and triangular cross-section design preserve the sharp cutting edges of the flute that lets you reach full working length with less resistance and more control during the procedure.



Minimally Invasive

A maximum flute diameter of 1mm and a non-cutting tip work together to minimize transportation and preserve the tooth's structural integrity.



Exceptional Strength

Resists torsional stress and cyclic fatigue resulting in minimal breakage and reduced transportation.



Corresponding Gutta Percha and Paper Points

Gutta Percha and Paper points match canals shaped by ZenFlex ONE Reciprocating files.


Kerr™

ZenFlex ONE Reciprocating File System.

Perfect Balance of Efficiency, Reliability and Affordability

Gutta Percha Points and Paper Points

- Corresponding Gutta Percha match canals shaped by ZenFlex ONE Reciprocating files.
- Color matching Gutta Percha Points to match the corresponding ZenFlex ONE files.
- Paper Points available



Ordering Information

ZenFlex™ ONE

NiTi Shaping Files - Pack of 3

Size	21 mm	25 mm	31 mm
Small 20/06	818-2621	818-2622	818-2623
Primary 25/06	818-2624	818-2625	818-2626
Medium 35/06	818-2627	818-2628	818-2629
Large 45/06	818-2630	818-2631	818-2632

16 1 pack of ZenFlex ONE

ZenFlex™ ONE

Gutta Percha Points - Pack of 50

Size	Ref. No.
Small 20/06	825-9720
Primary 25/06	825-9725
Medium 35/06	825-9735
Large 45/06	825-9745

17 1 pack of ZenFlex ONE
Gutta-percha points

ZenFlex™ ONE

Gutta Paper Points - Pack of 100

Size	Ref. No.
S, P, M, L	972-0130

18 1 pack of ZenFlex ONE
Paper points



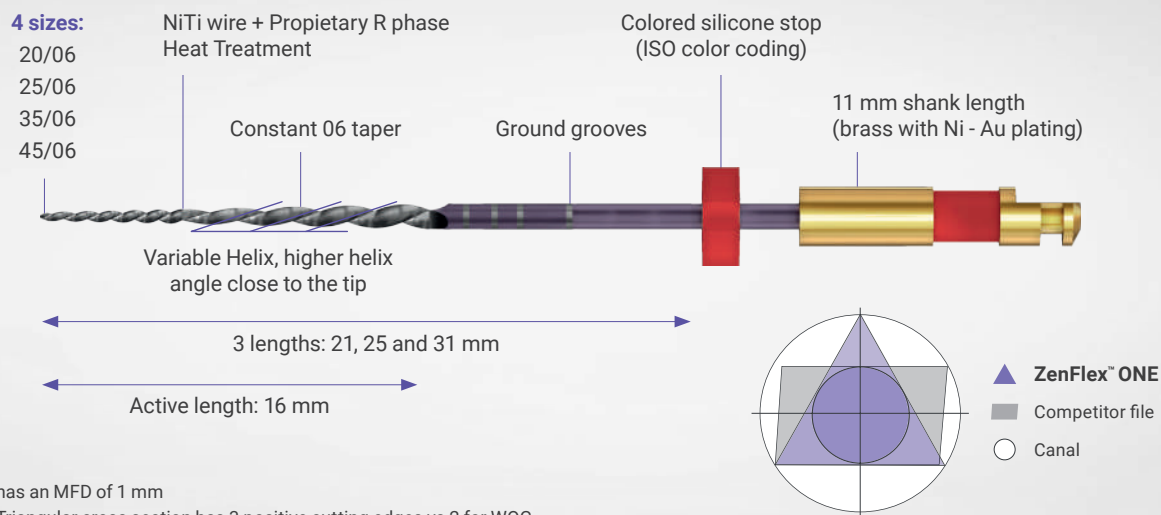
To Learn More About
Kerr Endodontic Solutions
Contact Your Kerr Rep



All stated prices are exclusive of VAT

For added flexibility and control, **ZenFlex ONE works**
with your preferred endodontic motor and handpieces

Kerr™



- ZFO has an MFD of 1 mm
- ZFO Triangular cross section has 3 positive cutting edges vs 2 for WOG
- ZFO chip space area is considerably greater than WOG, reducing apical debris extrusion significantly
- 'R' Phase proprietary Variable HT based on files Mass volume

kerrendental.com

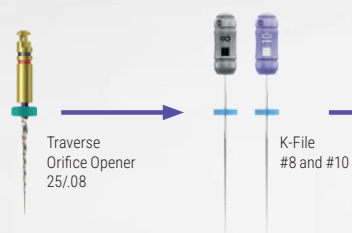
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ZenFlex™ ONE Reciprocating File System



Kerr™

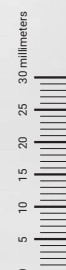
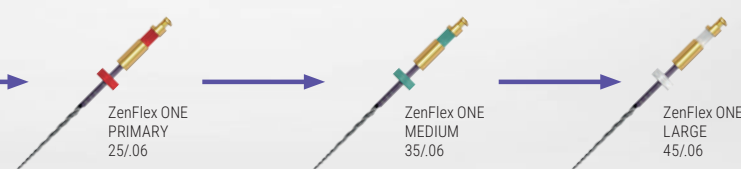
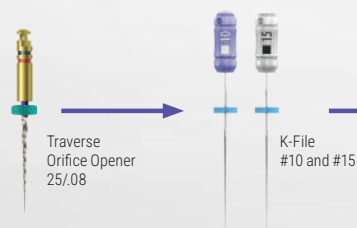
Small & Narrow canals



Using Reciprocating motion with a slow file gliding & brushing technique



Medium to Large Canals



ZenFlex™ ONE Reciprocating File System



ZenFlex™ ONE Reciprocating File System



Size	ISO size 20 ● Small	ISO size 25 ● Primary	ISO size 35 ● Medium	ISO size 45 ● Large
Taper at the tip	6%	6%	6%	6%
Lengths	21 mm / 25 mm / 31 mm			

ZenFlex™ ONE Guttha Percha Points



Size	ISO size 20 ●	ISO size 25 ●	ISO size 35 ●	ISO size 45 ●
Taper at the tip	6%	6%	6%	6%
Lengths	30mm			

ZenFlex™ ONE Paper Points



Size	One Size
	Fits to all (Small, Primary, Medium, Large)
Lengths	30mm

MKT-26-0505_Rev1

ZenFlex™ ONE Reciprocating File System

Kerr™

Pre-shape technique

Check the instruments for defects, including deformation, breakage, fractures, corrosion, and size marking. Discard any product with defects.

1. Locate the canal orifices using straight line access and obtain patency with hand files in the presence of a canal lubricant.
2. Establish working length using hand files, apex locator, and radiograph as needed.
3. The use of an orifice opener and a glide path is recommended in order to minimize file separation, ledging and transportation.
4. Always initiate the shaping procedure with the Small or Primary ZenFlex ONE file in the presence of sodium hypochlorite.

File Configuration

Size	Color	Treatment Length
Small (20/.06)	Yellow	21, 25, 31 mm
Primary (25/.06)	Red	21, 25, 31 mm
Medium (35/.06)	Green	21, 25, 31 mm
Large (45/.06)	White	21, 25, 31 mm

Shaping technique

Set your handpiece in reciprocation motion same as the WaveOne® motion (150° counterclockwise movement and 30° clockwise movement) and shape the canal.

1. With the ZenFlex ONE file rotating as you enter the canal, slowly advance the file with a single controlled motion until the file engages dentin, then completely withdraw the file from the canal. Do not force the file apically. Do not peck.

2. Let the file passively progress through any region of the canal that has a confirmed glide path. After shaping 2-3 mm of any given canal, remove and wipe the flutes of the file.
3. Irrigate the canal using sodium hypochlorite, 17% EDTA or a suitable lubricant agent to facilitate debris removal and recapitulate with a size 10 hand file.
4. Continue with the file in 2-3 passes to enlarge the coronal two-thirds of the canal. Gently work this file until it is at working length.
5. Carry the file to the full working length in one or more passes. Upon reaching working length, remove the file to avoid overenlarging the foramen. Inspect the apical flutes; if they are loaded with dentinal debris, then the shape is finished.
6. ALWAYS utilize a brushing motion during the shaping of the canal on the outstroke to eliminate coronal interferences or to enhance shaping results in canals that exhibit irregular cross-sections.
7. If the file doesn't progress then use the small file (020/06 Yellow) in one or more passes to working length and then use the Primary file to working length to optimize the shape.
8. After reaching working length, brush the canal walls 2-3 times to enlarge the coronal 2/3 of the canal.
9. If the file is loose at length with no dentinal debris in the apical flutes, continue shaping with a larger file such as the Medium file (35/06 or a Large file (45/06 white) until the apical flutes are loaded with dentinal debris. Refer to instructions for use.

NOTE: Techniques suggested are guidelines for the average case. It is imperative that clinical judgment always be exercised, appropriate setting adjustments are made, and additional care is taken to prevent any adverse events. All measures implemented should be based on individual case requirements. Refer to instructions for use.

MKT-25-0952_Rev0

ZenFlex™ ONE Reciprocating File System

Kerr™



ZenFlex™

NiTi Rotary Shaping File

Maximum Strength. Minimally Invasive.

Featuring an ideal balance of strength and flexibility, ZenFlex lets you reach the full working length with reduced risk of breakage while preserving more tooth integrity.



High Cutting Efficiency

Designed with triangular cross section with proprietary heat treatment, ZenFlex exhibits high cutting efficiency that lets you reach the full working length of even complex root geometries.



Minimally Invasive

A maximum flute diameter of 1mm and a non-cutting tip work together to minimize transportation and preserve the tooth's structural integrity.



Exceptional Strength

Resists torsional stress and cyclic fatigue resulting in minimal breakage and reduced transportation.



Excellent Flexibility

Proprietary heat-treatment design delivers excellent controlled memory and flexibility for up to 90° curves.



Kerr™

ZenFlex adapts to *Your* needs.

With a wide selection of tip and taper configurations

ZenFlex™ - Pack of 6

Taper	Tip	21 mm	25 mm	25 mm
.04	.20	818-1206	818-1207	818-1208
.04	.25	818-1256	818-1257	818-1258
.04	.30	818-1306	818-1307	818-1308
.04	.35	818-1356	818-1357	818-1358
.04	.40	818-1406	818-1407	818-1408
.04	.45	818-1456	818-1457	818-1458
.04	.50	818-1506	818-1507	818-1508
.04	.55	818-1556	818-1557	818-1558
.06	.20	818-2206	818-2207	818-2208
.06	.25	818-2256	818-2257	818-2258
.06	.30	818-2306	818-2307	818-2308
.06	.35	818-2356	818-2357	818-2358
.06	.40	818-2406	818-2407	818-2408
.06	.45	818-2456	818-2457	818-2458
.06	.50	818-2506	818-2507	818-2508
.06	.55	818-2556	818-2557	818-2558

ZenFlex™ Gutta Percha Points - Pack of 50

Taper	Tip	30 mm
.04	.20	825-9820
.04	.25	825-9825
.04	.30	825-9830
.04	.35	825-9835
.04	.40	825-9840
.04	.45	825-9845
.06	.20	825-9920
.06	.25	825-9925
.06	.30	825-9930
.06	.35	825-9935
.06	.40	825-9940
.06	.45	825-9945

ZenFlex™ - Assorted Pack of 6

Taper	Tip	21 mm	25 mm
.04	.20 .25 .30 .35 .40 .45	818-1421	818-1425
.06	.20 .25 .30 .35 .40 .45	818-1621	818-1625

ZenFlex™ Gutta Percha Points - Assorted Pack of 50

Taper	Tip	30 mm
.04	.20 .25 .30 .35 .40 .45	825-9800
.06	.20 .25 .30 .35 .40 .45	825-9900

19

1 Trays of 6 ZenFlex™ + 2 Trays of 6 Manual Instruments Eac

1 ZenFlex of your choice

+ 2 trays of manual files at your choice among Hedstrom, K-Flex, K-Files, Reamers

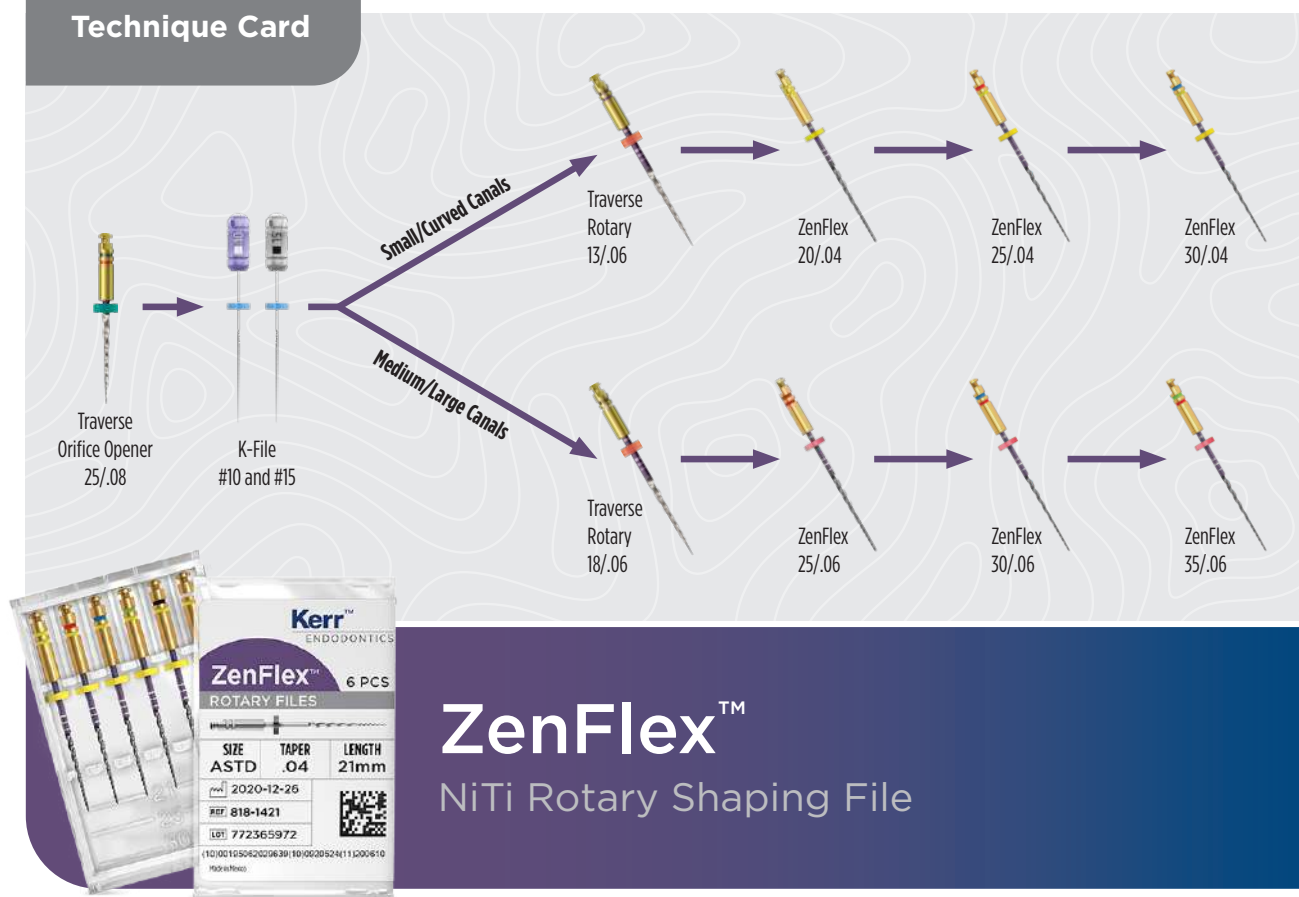


1 packs

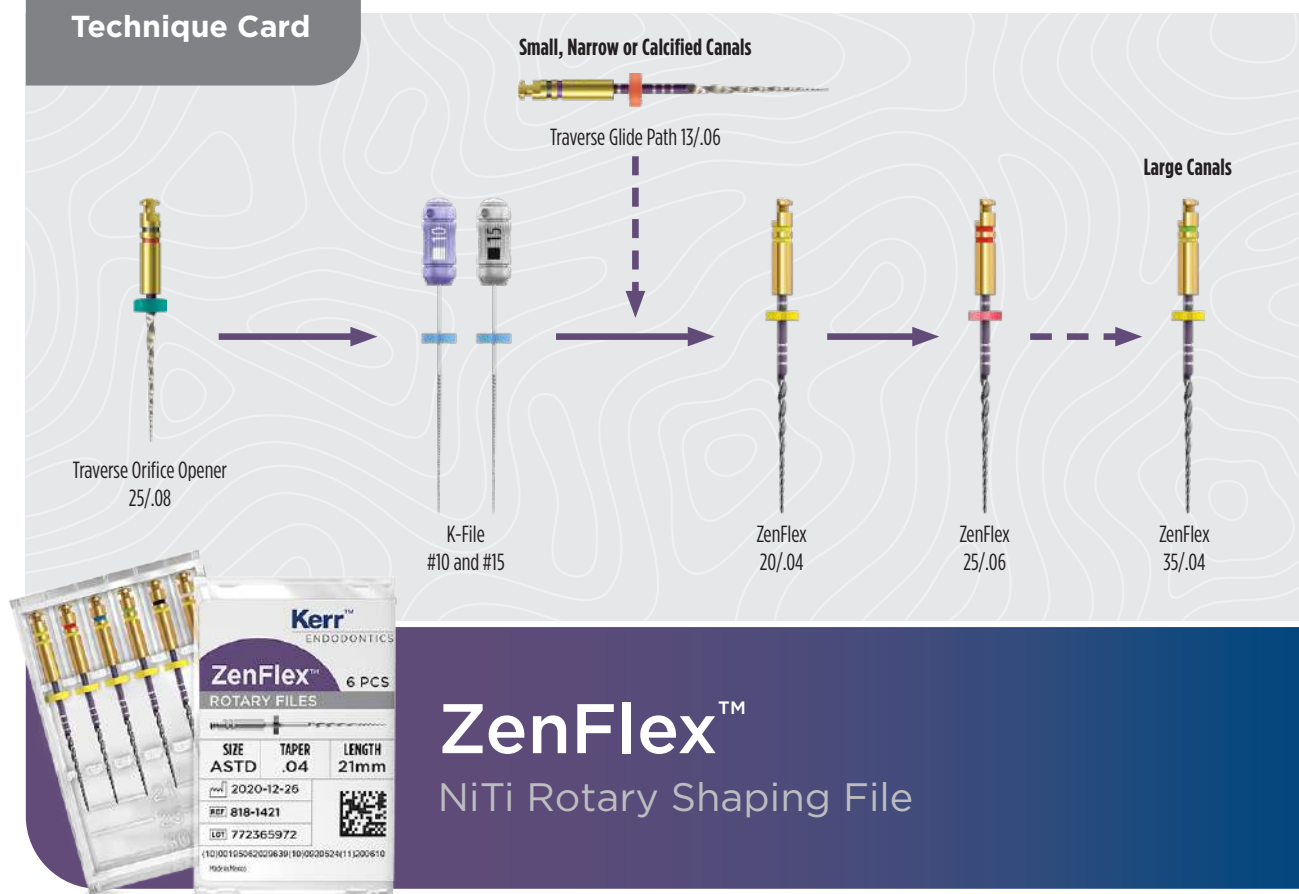


2 packs

Technique Card



Technique Card



ZenFlex™

NiTi Rotary Shaping File

Glide path technique

1. Locate the canal orifices using straight-line access with an endodontic explorer and obtain patency with a #10 - #15 K-file.
2. Establish working length with the #10 or #15 K-file, an apex locator, or a radiograph as needed.
3. Establish the glide path. Start with the Traverse Orifice Opener 25/.08/17mm, then the Traverse Rotary Glide Path File.
 - In small or curve canals, start with 13/.06
 - In medium or large canals, start with 18/.06
4. We recommend using a lubricant during instrumentation and irrigation with NaOCl in between instruments

Shaping technique

1. Use the recommended torque and speed settings according to Table 1.
2. Select between a .04 or a .06 taper.
 - In small or curve canals, enlarging canal using a ZenFlex file starting from file size 20/.04, then follow by ZenFlex file size 25/.04 and 30/.04. If needed and depending on the canal anatomy, you may need to continue shaping the canal with 35/.04, 40/.04, 45/.04 size file until the desired shape is achieved.
 - In medium or large canals, enlarging canal using a ZenFlex file starting from file size 25/.06, then follow by ZenFlex file size 30/.06 and 35/.06. If needed and depending on the canal anatomy, you may need to continue shaping the canal with 40/.06, 45/.06 size file until the desired shape is achieved
3. Irrigate with NaOCl and then reconfirm patency with a #15 K-File.
4. Irrigate the canal with NaOCl to clean and EDTA to open the dentinal tubules.
5. Additional Clinical Tips:
 - Use of a rubber dam is strongly recommended when using these instruments for root canal procedures to avoid accidental aspiration or ingestion.
 - Use light pressure and avoid force. When the instrument no longer advances apically, proceed to a smaller file. Never apply apical pressure on the rotary file.
 - In canals with severe or sudden apical curvature, (30 degrees or higher) additional caution should be exercised when negotiating these canals.
6. Select the gutta percha point that matches the last instrument used.

Table 1.

Recommended Torque and Speed Settings for ZenFlex™

File Type	Speed (RPM)	Torque (g-cm)	Torque (N-cm)
Traverse Orifice Opener	500	350	3.43
Traverse Glide Path	500	150	1.47
Zenflex 04 taper 20 & 25 tip	500	100	1.00
Zenflex 04 taper 30,35,40,45,50 & 55 tip	500	300	2.94
Zenflex 06 taper 20 & 25 tip	500	200	1.96
Zenflex 06 taper 30,35,40,45,50 & 55 tip	500	350	3.43

Recommended Gutta Percha Point

- **ZenFlex 30/.04**
 1. Try **M** (Art 972 0022) cone to working length
 2. In case **M** does not fit (Molar/Curved canals) -> Use **FM** (Art 972 0021) to working length
- **ZenFlex 35/.06**
 3. Try **M** (Art 972 0022) cone to working length
 4. In case **M** cone is too loose -> Trim 2 mm from the tip

NOTE: Techniques suggested are guidelines for the average case. It is imperative that clinical judgment always be exercised, appropriate setting adjustments are made, and additional care is taken to prevent any adverse events. All measures implemented should be based on individual case requirements.

MKT-23-0949 _Rev0

ZenFlex™

NiTi Rotary Shaping File

Working Length Determination

1. Locate the canal orifices using straight-line access with an endodontic explorer and obtain patency with a #10 - #15 K-file.
2. Start with the Traverse Orifice Opener 25/.08/17mm
3. Establish working length with the #15 K-file, an apex locator, or a radiograph as needed.

Shaping technique

1. Use settings for your slow speed handpiece according to Table 1.
2. Enlarging canal using a ZenFlex file starting from file size 20/.04, then follow by ZenFlex file size 25/.06. If needed and depending on the canal anatomy, you may need to continue shaping the canal with 35/.04 size file or larger until the desired shape is achieved.
 - If the canals are small, narrow or calcified; traverse glide path 13/.06 is recommended to use before enlarging canal with Zenflex file size 20/.04
 - Manual recapitulation between each rotary file step with #15 K-file is mandatory, as well as irrigation with NaOCl
3. Irrigate the canal with NaOCl to clean and EDTA to open the dentinal tubules.
4. Additional Clinical Tips:
 - Use of a rubber dam is strongly recommended when using these instruments for root canal procedures to avoid accidental aspiration or ingestion.
 - Use light pressure and avoid force. When the instrument no longer advances apically, proceed to a smaller file. Never apply apical pressure on the rotary file.
 - In canals with severe or sudden apical curvature, (30 degrees or higher) additional caution should be exercised when negotiating these canals.
 - ZenFlex is compatible with rotary motion and adaptive motion in all the endo motors in the market

Table 1.

Recommended Torque and Speed Settings for ZenFlex™

File Type	Speed (RPM)	Torque (g-cm)	Torque (N-cm)
Traverse Orifice Opener	500	350	3.43
Traverse Glide Path 13/.06	500	150	1.47
Zenflex 04 taper 20 tip	500	100	1.00
Zenflex 06 taper 25 tip	500	200	1.96
Zenflex 04 taper 35 tip	500	300	2.94

Recommended Gutta Percha Point

- **ZenFlex 25/.06**
 - Try **M** (Art 972 0022) cone to working length
 - In case **M** cone is short -> Use **FM** (Art 972 0021) to working length
- **ZenFlex 35/.04**
 - Try **M** (Art 972 0022) cone to working length
 - In case **M** cone is a bit loose -> Trim 1 mm from the tip

NOTE: Techniques suggested are guidelines for the average case. It is imperative that clinical judgment always be exercised, appropriate setting adjustments are made, and additional care is taken to prevent any adverse events. All measures implemented should be based on individual case requirements.

MKT-23-0284 _Rev1

20

elements™ IC System + 1 Buchanan Heat Plugger

Cordless System for Warm Root Canal Obturation

The new elements IC is the most complete and reliable cordless system for warm obturation. It combines the Downpack heating element with a Backfill extrusion unit.

Achieve excellent and predictable results more quickly: rely on its longer-lasting battery (compared to elementsfree), inductive charging, and an ergonomic, comfortable design.

Reaches a temperature of 200°C in 0.5 seconds.

□ 973 0600 TYPE F elements IC Obturation System (EU)



Buchanan Heat Plugger

1 plugger at your choice among:

- 952 0031 - .04 (XF)
- 952 0004 - .06 (F)
- 952 0005 - .08 (FM)
- 952 0006 - .10 (M)
- 952 0007 - .12 (ML)



1 pc

Only through Kerr Reps

21

elements Connect

Cordless Endodontic Motor

□ 815 1801 - elements™ Connect Cordless Motor Kit

It is equipped with two removable batteries for a reliable power supply that allows procedures to be completed safely and without interruptions.

Designed with 14 memory slots:

- 9 presets for Kerr instruments
- 1 reciprocating setting
- 4 customizable settings

Thanks to the adaptive, reciprocating, and rotary movements available in a single motor, elements™ Connect enables every practice to continue using its existing techniques and protocols.



Only through Kerr Reps

1.702,00 €

22

Apex Connect

Electronic Apex Locator

Intelligent visual and audio indicators provide real-time information on working length. Modern design and intuitive operation.

Apex Connect's self-calibration function activates every time the device is switched on. Features a 63 mm color display with a clear 45° viewing angle.

□ 815 1803 - Kit Apex Connect

Only through Kerr Reps

810,00 €



23

Cleanic in Tube

Single-step Perlite-based Propphy Paste

2 items of your choice among:

- 3380 - with fluoride - Mint
- 3382 - with fluoride - Green Apple - Menthol-free
- 3384 - with fluoride - Light - no artificial colorants or flavors
- 3386 - with fluoride - Red Fruits - Menthol-free
- 3183 - without fluoride - Mint

Contains: 1 tube (100 g)



2 pcs

MADE IN ITALY

CaviCide™ and CaviWipes™ Surface Disinfectants

Fast-acting and ready to use

- Clinically proven efficacy
- Bactericidal, virucidal, fungicidal, tuberculocidal, and yeasticidal.
- Eliminate most pathogens in 3 minutes.
- Low alcohol content
- Below 20%, ensuring excellent material compatibility.
- Versatile use:
 - Cleaning and decontamination spray
 - Ultrasonic bath cleaning solution
 - Manual cleaning
 - Disinfectant spray
 - Disinfectant solution for immersion of non-critical instruments



Microorganism

Contact Time

TUBERCULOCIDAL

Mycobacterium tuberculosis var. bovis (BCG)¹ 3 Minutes

BACTERICIDAL

Methicillin-Resistant Staphylococcus aureus (MRSA)² 3 Minutes
 Pseudomonas aeruginosa³ 1 Minute
 Salmonella enterica² 3 Minutes
 Staphylococcus aureus³ 1 Minute
 Vancomycin-Resistant Enterococcus faecalis (VRE)² 2 Minutes
 Staphylococcus aureus with reduced susceptibility to vancomycin² 2 Minutes
 Enterococcus hirae² 1 Minute
 Escherichia coli³ 1 Minute
 Proteus mirabilis³ 1 Minute

VIRUCIDAL

SARS-associated Human Coronavirus (SARS-CoV-1)⁴ 3 Minutes
 SARS-associated Human Coronavirus 2 (SARS-CoV-2) (COVID-19 virus)⁴ 2 Minutes
 Human Coronavirus⁴ 2 Minutes
 Hepatitis B Virus (HBV)⁴ 2 Minutes
 Hepatitis C Virus (HCV)⁴ 2 Minutes
 Human Immunodeficiency Virus (HIV-1)⁴ 2 Minutes
 Herpes Simplex Virus Types 1 and 2⁴ 2 Minutes
 Influenza A2 Virus⁴ 2 Minutes
 Modified Vaccinia Virus Ankara (MVA)⁴ 5 Minutes

FUNGICIDAL AND YEASTICIDAL

Candida albicans⁷ 1 Minute
 Trichophyton mentagrophytes² 3 Minutes

24 CaviWipes Flat Pack

□ 4731245
CaviWipes - Flat Pack

Contains:
20 packs
of 45 wipes each

1 pack
20 packs
of 45
wipes each

25 CaviWipes Canister

□ 4731160
CaviWipes - Canister

Contains:
12 canisters
with 160 wipes each



1 pack
12 canisters
with 160
wipes each

26 CaviCide Tank

□ 4731223
CaviCide 5L Tank

Contains:
1 tank (5 liters)

1 pc
1 tank
of 5 liters

27 CaviCide Bottles

□ 4731222/15
CaviCide - 700 ml Spray Bottles

Contains:
15 Spray bottles (700 ml each)

1 pack
15 spray bottles
of 700 ml

Kerr

135 YEARS
OF KERR DENTAL

Founded in Usa as
"Detroit Dental
Manufacturing Company"

The company will change the name into
"The Kerr Manufacturing Company" in 1939

1891

New Products

lots of successfull
products launched
as Tubli-Seal, Temp-Bond,
Herculite and OptiBond



Production in Europe starts

Opening of the Kerr Italia site in Scafati

1959

1960 -
1990



1990 -
2010

Global Expansion

Kerr expands worldwide:
Swiss, Czech Republic,
Middle East and Africa



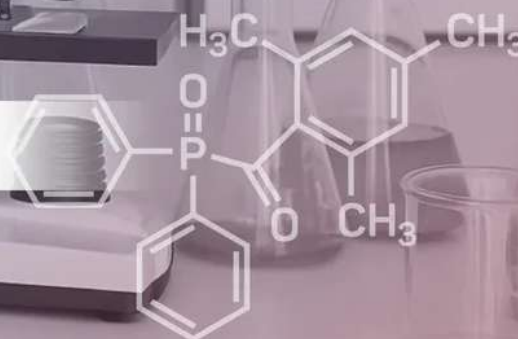
Envista

Market Leader

Kerr is part of Envista together with
other dental companies such as Nobel Biocare
and Ormco.

2019 -
Today

TPO IN DENTISTRY



On 1 September 2025, the European Union established a ban on placing on the market and making available products containing two chemical substances: **TPO** (Trimethylbenzoyl Diphenylphosphine Oxide) and **DMTA** (Dimethyltolylamine).

The EU has classified these substances as **potentially hazardous and reproductive toxins**.

WHAT IS TPO AND WHY IS IT SO IMPORTANT?

Trimethylbenzoyl Diphenylphosphine Oxide (TPO) is a **Type I photoinitiator**, a substance that reacts to light (particularly within the near-UV wavelength) to trigger a chain reaction that transforms a liquid into a stable solid.

Thanks to this property, TPO is widely used in various fields, including printing inks, industrial coatings, and - critically - nail gels and dental composite resins.

The regulation **mainly concerns the cosmetics sector**, where additives containing these components are heavily used for curing photopolymerizable resins employed in nail reconstruction.

WHAT HAPPENS IN THE DENTAL SECTOR?

The **Medical Device Regulation (MDR)** is based on **risk management**: even if a substance has hazardous properties, its use is allowed if the exposure risk is manageable and the benefits outweigh the dangers. This means that, for now, dental products containing TPO will continue to **BE MARKETING AND USED IN CONTROLLED ENVIRONMENTS AND WITH PROPER ISOLATION, THANKS TO THE USE OF RUBBER DAM**.

BUT... THERE IS AN IMPORTANT POINT NOT TO UNDERESTIMATE FOR DENTAL PROFESSIONALS:

"The greatest risk is for operators who are exposed daily to these substances - especially before the product is fully light-cured - through inhalation, direct contact, and skin absorption," as reminded by ANTLO.

(Full article: www.odontoatria33.it/approfondimenti/26359/additivi-funzionali-a-base-di-tpo-e-dmta-antlo-ricorda-il-rischio-e-per-l-operatore.html)

At Kerr, we care about the health of our customers and their patients, and we want to inform you that

ALL OUR PRODUCTS HAVE ALWAYS BEEN TPO-FREE.



Kerr Commercial Team

Kerr Contact

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Sales Representative

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