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Kerr Corporation
1717 W. Collins Ave, Orange, CA 92867

DIAGNOSE



The first step to a successful root canal preparation is to find out as much information about the tooth as possible. Our APEX ID provides the tools you need.

Apex ID™

APEX ID DIGITAL APEX LOCATOR

Apex ID is compact and modern with unique functions which all your to focus on finding the Apex of the tooth.

User-set zero point Customize the “zero point” based on your clinical judgment. No need to constantly monitor the visual display, the audible signal will let you know when you’ve reached your preferred zero point.

Accuracy in almost any condition Apex ID has been designed to work in almost any canal condition - wet or dry it doesn’t matter.

Continuous calibration Apex ID continuously calibrates for accurate, uninterrupted readings in real-time.

Apex ID , comes with Apex ID Stand, (5) Lip Hooks, (2) File Holder B, (1) File Holder A (1) Probe Cord, IFU, (3) AAA 1.5V Batteries	972-0090
(5) Apex ID Lip Hooks	972-0092
(2) Apex ID File Holder B (File Clip)	972-0093
(1) Apex ID File Holder A (Bifurcated Probe)	972-0094
(1) Apex ID Probe Cord	972-0095



ACCESS



Endodontic access is critical to the success of the procedure. The LA Axxess burs can help you achieve the access you desire.

Designed by Dr. L. Stephen Buchanan, the LA Axxess™ line angle instruments optimize your access preparations. Our LA Axxess Diamond Bur, designed for use with high-speed handpieces, makes the job even easier. These burs feature a non-cutting parabolic tip and are designed to cut line angle access. In straight canals, our line angle instruments can be used to shape the coronal part of the canal. All the burs you need for initial access opening through restorations or crowns in one handy kit.

FEATURES

- LA Axxess kit contains two of each bur below
- LA Axxess 2.0 contains two of select burs

LA Axxess 2.0 Kit*

815-1404

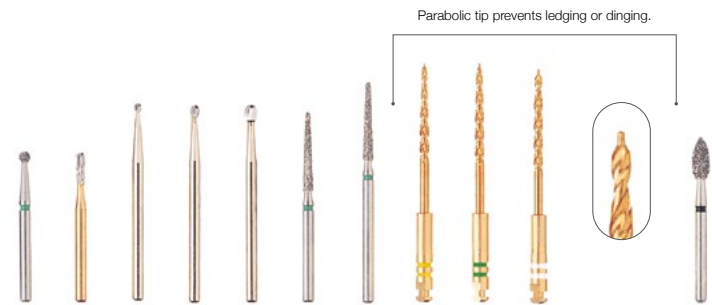
LA Axxess Kit*

815-1400



LA Axxess Diamond

815-1415



LA AXCESS REFILLS* (Shown from left to right)

#2 Round Diamond (pkg of 5)	815-1418
Cross Cut Carbide Bur (pkg of 5)	815-1417
#2 Round Carbide Bur (pkg of 5)	815-1412
#4 Round Carbide Bur (pkg of 5)	815-1414
#6 Round Carbide Bur (pkg of 5)	815-1416
Long Tapered Diamond (pkg of 5)	815-1420
Extra Long Tapered Diamond (pkg of 5)	815-1421
#1 Line Angle Stainless Steel Axxess Instrument (pkg of 6)	815-1401
#2 Line Angle Stainless Steel Axxess Instrument (pkg of 6)	815-1402
#3 Line Angle Stainless Steel Axxess Instrument (pkg of 6)	815-1403
Football Diamond (pkg of 5)	815-1419
LA Axxess Bur Clip (Empty)	815-1422
LA Axxess Diamond Bur (pkg of 6)	815-1415

*Not available in the EU



GATES GLIDDEN*

Gates Glidden instruments are used primarily for shaping the coronal third of the root canal.

Pkg of 6/18mm

No. 1	17283
No. 2	17284
No. 3	17285
No. 4	17286
No. 5	17287
No. 6	17288
No. 1-6 Assorted	17289

*Not available in the EU

The art and science of nickel titanium endodontic canal preparation with TF Adaptive Files and Adaptive Motion.



SHAPE

ZenFlex™

NiTi Rotary Shaping File

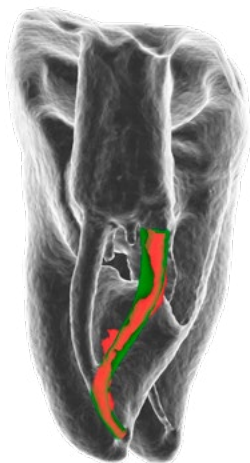


- High Cutting Efficiency
- Minimally Invasive
- Exceptional Strength
- Excellent Flexibility
- Corresponding ZenFlex Gutta Percha Points

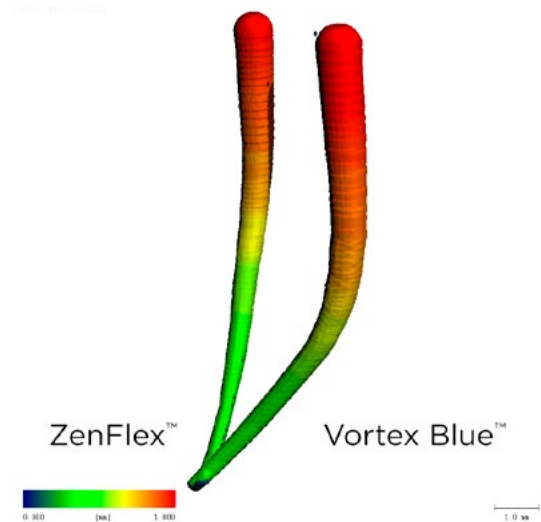
Follow the curvature. See the difference.

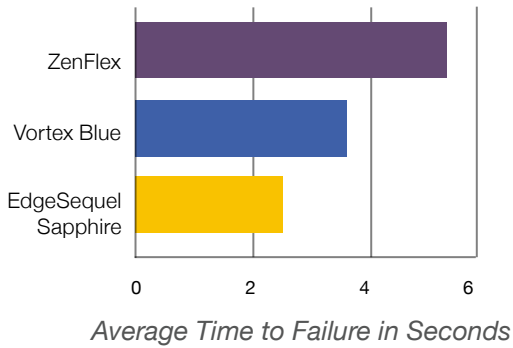
We invited leading endodontist Dr. Stephen L. Buchanan to put ZenFlex to the test. Dr. Buchanan found that ZenFlex is able to shape severely curved canals.

He also found that ZenFlex is able to maintain more tooth structure after RCT due to its 1mm maximum flute diameter (MFD).



 Pre-Op Canal  Shaped Canal





Resistance to Cyclic Fatigue

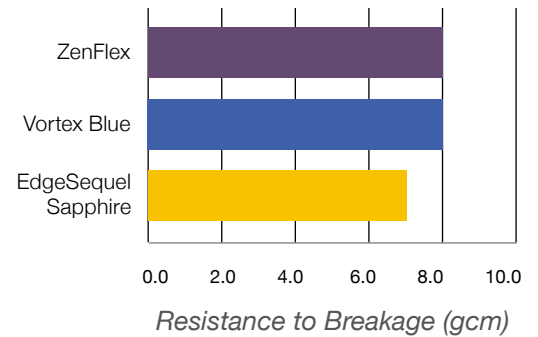
Compared to other files, ZenFlex delivers greater resistance to cyclic fatigue, resulting in longer time to failure while minimizing risk of breakage and transportation.

Torque Strength.

ZenFlex is designed to be as resistant or more resistant to torsional stresses relative to major rotary file competitors despite having a 20% smaller maximum flute diameter and smaller mass.



- ZenFlex
- Vortex Blue



PACKAGE OF 6

Taper	Tip	21mm	25mm	31mm
.04	.20	818-1201	818-1202	818-1203
.04	.25	818-1251	818-1252	818-1253
.04	.30	818-1301	818-1302	818-1303
.04	.35	818-1351	818-1352	818-1353
.04	.40	818-1401	818-1402	818-1403
.04	.45	818-1451	818-1452	818-1453
.04	.50	818-1501	818-1502	818-1503
.04	.55	818-1551	818-1552	818-1553

PACKAGE OF 6

Taper	Tip	21mm	25mm	31mm
.06	.20	818-2201	818-2202	818-2203
.06	.25	818-2251	818-2252	818-2253
.06	.30	818-2301	818-2302	818-2303
.06	.35	818-2351	818-2352	818-2353
.06	.40	818-2401	818-2402	818-2403
.06	.45	818-2451	818-2452	818-2453
.06	.50	818-2501	818-2502	818-2503
.06	.55	818-2551	818-2552	818-2553

ASSORTED PACKS (PKG OF 6)

818-0421 21mm		818-0425 25mm	
Taper	Tip	Taper	Tip
.04	.20	.04	.20
.04	.25	.04	.25
.04	.30	.04	.30
.04	.35	.04	.35
.04	.40	.04	.40
.04	.45	.04	.45

ASSORTED PACKS (PKG OF 6)

818-0621 21mm		818-0625 25mm	
Taper	Tip	Taper	Tip
.06	.20	.06	.20
.06	.25	.06	.25
.06	.30	.06	.30
.06	.35	.06	.35
.06	.40	.06	.40
.06	.45	.06	.45

Data on file. ZenFlex is a trademark of Kerr Corporation. All other trademarks are properties of their respective owners.

Matching ZenFlex Gutta Percha Offering on page 36

Traverse™

Rotary Glide Path File

Introducing the Traverse™ rotary glide path file. Over a 125 years ago, Kerr invented the K-file and now we unveil the latest, state-of-the-art file technology — Traverse. Simplifying the procedure, while allowing more control, Traverse inspires confidence, providing a tapered glidepath, efficient, minimally invasive procedures and optimum results.

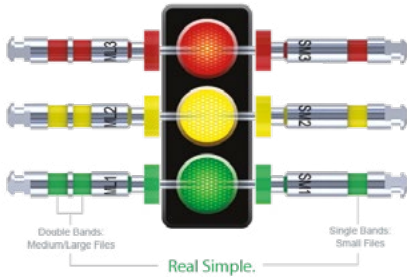


Traverse Orifice and Glide Path File	.06/.13/21mm	818-2141	Traverse Rotary Glide Path File	.06/.13/21mm	818-2131
Traverse Orifice and Glide Path File	.06/.13/25mm	818-2142	Traverse Rotary Glide Path File	.06/.13/25mm	818-2132
Traverse Orifice and Glide Path File	.06/.13/31mm	818-2143	Traverse Rotary Glide Path File	.06/.13/31mm	818-2133
Traverse Orifice and Glide Path File	.06/.18/21mm	818-2191	Traverse Rotary Glide Path File	.06/.18/21mm	818-2181
Traverse Orifice and Glide Path File	.06/.18/25mm	818-2192	Traverse Rotary Glide Path File	.06/.18/25mm	818-2182
Traverse Orifice and Glide Path File	.06/.18/31mm	818-2193	Traverse Rotary Glide Path File	.06/.18/31mm	818-2183
Traverse Orifice Opener	.08/.25/17mm	818-8251	Traverse Rotary Glide Path File	.06/.18/31mm	818-2188

ROTARY WHEN YOU WANT IT. RECIPROCATION WHEN YOU NEED IT.



Adaptive Motion Technology is based on a patented, smart algorithm designed to work with the TF Adaptive file system. This technology allows the TF Adaptive file to adjust to intra-canal torsional forces depending on the amount of pressure placed on the file. This means the file is in either a rotary or reciprocation motion depending on the situation. The result is better debris removal with our classic rotary Twisted File design and less chance of file pull-in with our Adaptive Motion Technology.

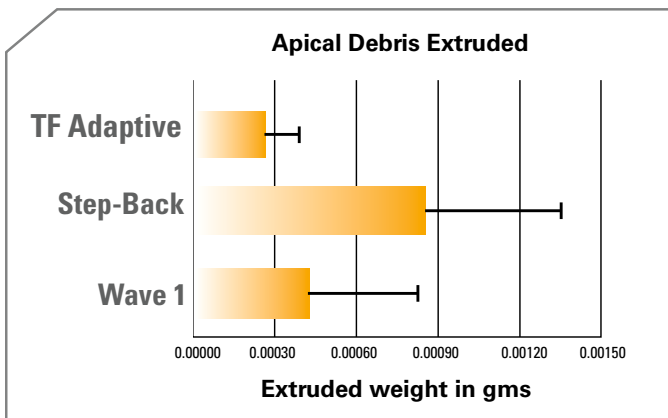


INTUITIVE, COLOR-CODED FILE IDENTIFICATION.

An intuitive, color-coded system designed for efficiency and ease of use. Just like a traffic light...start with green and stop with red.

LEVERAGING THE SUCCESS OF OUR CLINICALLY-PROVEN TWISTED FILE DESIGN.

The TF Adaptive file design is based on our clinically proven Twisted File technology, which means the file is twisted to shape for improved file durability, features R-Phase Technology to improve file flexibility and provides better debris removal. So with TF Adaptive and Adaptive Motion you get the best of both worlds.



Study on Apical Debris Extrusion*

Compared with the TF Adaptive system, the Manual Step-Back technique generated 206% more debris from the apex than TF Adaptive while Wave One generated 58% more debris from the apex than TF Adaptive.

*Jaramillo, D. and Raydolfo, A. (2013) Comparison of the Extrusion of Dentin Debris Using a New Instrumentation. Internal study on file.

Part #	Description
817-3003	TF Adaptive Small Procedure Pack 23mm*
817-3007	TF Adaptive Small Procedure Pack 27mm*
817-4003	TF Adaptive Med/Lrg Procedure Pack 23mm*
817-4007	TF Adaptive Med/Lrg Procedure Pack 27mm*
817-4203	TF Adaptive File SM1 23mm**
817-4207	TF Adaptive File SM1 27mm**
817-6253	TF Adaptive File SM2 23mm**
817-6257	TF Adaptive File SM2 27mm**
817-4353	TF Adaptive File SM3 23mm**
817-4357	TF Adaptive File SM3 27mm**
817-8253	TF Adaptive File ML1 23mm**
817-8257	TF Adaptive File ML1 27mm**
817-6353	TF Adaptive File ML2 23mm**
817-6357	TF Adaptive File ML2 27mm**
817-4503	TF Adaptive File ML3 23mm**
817-4507	TF Adaptive File ML3 27mm**

*All TF Adaptive Procedure Packs contain 3 Stainless Steel files and 3 TF Adaptive Files
 **All TF Adaptive Packs contain 4 files of the same tip/taper/length

For corresponding TFA Gutta Percha see page 36 and for TFA Paper Points see page 40.

LightSpeed LSX Files

EASY-TO-READ SIZE MARKINGS

Each instrument is boldly marked with its ISO size and color.

FLEXIBILITY

The LSX Nickel Titanium shaft demonstrates flexibility.



LENGTH MARKINGS FOR EASY REFERENCE

Clearly marked length rings at 19, 22, 24, and 25 mm enable you to save time and ditch the rubber stops.

UNIQUE "SPADE BLADE" TECHNOLOGY

The coin-stamping process that creates the LSX spade blade reduces the imperfections that result from the grinding technology of tapered instruments.

LIGHTSPEED LSX SINGLE BOXES*
(CONTENTS: BOX OF 6)

Size	21 mm	25 mm	31 mm	50 mm
20	835-2021	835-2025	835-2031	
25	835-2521	835-2525	835-2531	
30	835-3021	835-3025	835-3031	
35	835-3521	835-3525	835-3531	835-3550
40	835-4021	835-4025	835-4031	835-4050
45	835-4521	835-4525	835-4531	835-4550
50	835-5021	835-5025	835-5031	835-5050
55	835-5521	835-5525	835-5531	835-5550
60	835-6021	835-6025	835-6031	835-6050
65	835-6521	835-6525	835-6531	835-6550
70	835-7021	835-7025	835-7031	835-7050
80	835-8021	835-8025	835-8031	835-8050
90	835-9021	835-9025	835-9031	835-9050
100	835-0021	835-0025	835-0031	835-0050
110		835-1025	835-1031	835-1050
120		835-1225	835-1231	835-1250
130		835-1325	835-1331	835-1350
140		835-1425		

*Not available in the EU

LIGHTSPEED LSX ASSORTED BOXES*
(CONTENTS: QUANTITIES VARY)

Size	21 mm	25 mm	31 mm	50 mm
20 - 45	835-2451	835-2455	835-2453	835-3555 (35 - 55)
50 - 80	835-5801	835-5805	835-5803	835-6090 (60 - 90)
90 - 130		835-9145 (90 - 140)	835-9133	835-1013 (100 - 130)
			835-1463	835-1416

*Not available in the EU

LIGHTSPEED LSX STANDARD KIT*
(CONTENTS: BOX OF 12)

Size	21 mm	25 mm	31 mm
20 - 80	835-2801	835-2805	835-2803

*Not available in the EU



Twisted Files



QUANTUM LEAP IN FILE DESIGN AND MANUFACTURING

The Twisted File is the first and only file to combine three unique and proprietary processes to deliver optimal strength and flexibility:



R-PHASE™ HEAT TREATMENT TECHNOLOGY

TF is produced with Kerr Endodontics proprietary R-Phase Technology. This patented technology is used to optimize the molecular phase and properties of nickel titanium (NiTi). R-Phase increases file flexibility and resistance to cyclic fatigue.



TWISTED DESIGN, NOT GROUND

Twisting helps preserve grain structure and reduces formation of microfractures, making the file even more durable. Other endodontic files are made by grinding flutes into the file. Grinding weakens the metal's structure at the molecular level and creates microfractures on the metal's surface –both of which can lead to file separation.



STRENGTH AND FLEXIBILITY THAT CAN BE MEASURED

In a torsional stress comparison, Twisted Files absorbed more energy before fracture than ground blanks¹. Twisted files can withstand approximately 60% more torque than files made using a traditional manufacturing process. A recent study showed that Twisted File is up to 70% more flexible than the other NiTi files tested².



¹ Nicoll T, Oestreich L, Tang C, Ravi VA. Evaluation of product properties resulting from a new NiTi endodontic file manufacturing process. Chemical and Materials Engineering Department, California State Polytechnic University, 2006

² JOE – Volume 40, Number 11, November 2014 - Assessment of the Mechanical Properties of ProTaper Next Nickel-Titanium Rotary Files



All TF packs contain 3 files

TF SMALL ASSORTED

822-4683
23mm

Taper	Tip
.08	25
.06	25
.04	25

TF LARGE ASSORTED

822-6803
23mm

Taper	Tip
.10	25
.08	25
.06	25

TF SMALL APICAL ASSORTED

822-8663
23mm

Taper	Tip
.08	25
.06	30
.06	35

822-4687
27mm

Taper	Tip
.08	25
.06	25
.04	25

822-6807
27mm

Taper	Tip
.10	25
.08	25
.06	25

TF LARGE APICAL ASSORTED

822-6643
23mm

Taper	Tip
.06	30
.06	35
.04	40

TF

Taper	Tip	23mm	27mm
.12	25	822-2253	
.10	25	822-0253	822-0257
.08	25	822-8253	822-8257
.06	35	822-6353	822-6357
.06	30	822-6303	822-6307
.06	25	822-6253	822-6257
.04	50	822-4503	822-4507
.04	40	822-4403	822-4407
.04	25	822-4253	822-4257

TF PROCEDURE PACKS - ANTERIOR

822-3864 23mm		822-7864 27mm	
Taper	Tip	Taper	Tip
.08	25	.08	25
.06	30	.06	30
.04	40	.04	40

TF PROCEDURE PACKS - POSTERIOR

822-3866 23mm		822-7866 27mm	
Taper	Tip	Taper	Tip
.08	25	.08	25
.06	25	.06	25
.06	30	.06	30

TF GUTTA PERCHA POINTS
(PKG OF 50)

Taper	Tip	
.06	30	822-0630
.06	35	822-0635
.04	25	822-0425
.04	40	822-0440
.04	50	822-0450

K3™ Nickel Titanium Files



K3 is a third-generation, triple-fluted, asymmetric endodontic file system.

K3 NICKEL-TITANIUM FILES (PKG OF 6)

Taper	Tip	17mm	21mm	25mm
.12	25	830-2257	830-2251	830-2255
.10	25	830-0257	830-0251	830-0255
.08	25	830-8257	830-8251	830-8255

Taper	Tip	21mm	25mm	30mm
.06	60	825-6601	825-6605	825-6600
.06	55	825-6551	825-6555	825-6550
.06	50	825-6501	825-6505	825-6500
.06	45	825-6451	825-6455	825-6450
.06	15-40 Asst	825-6021	825-6025	
.06	40	825-6401	825-6405	825-6400
.06	35	825-6351	825-6355	825-6350
.06	30	825-6301	825-6305	825-6300
.06	25	825-6251	825-6255	825-6250
.06	20	825-6201	825-6205	825-6200
.06	15	825-6151	825-6155	825-6150
.04	60	825-4601	825-4605	825-4600
.04	55	825-4551	825-4555	825-4550
.04	50	825-4501	825-4505	825-4500
.04	45	825-4451	825-4455	825-4450
.04	15-40 Asst	825-4021	825-4025	
.04	40	825-4401	825-4405	825-4400
.04	35	825-4351	825-4355	825-4350
.04	30	825-4301	825-4305	825-4300
.04	25	825-4251	825-4255	825-4250
.04	20	825-4201	825-4205	825-4200
.04	15	825-4151	825-4155	825-4150
.02	15-40 Asst	825-2021	825-2025	
.02	45	825-2451	825-2455	825-2450
.02	40	825-2401	825-2405	825-2400
.02	35	825-2351	825-2355	825-2350
.02	30	825-2301	825-2305	825-2300
.02	25	825-2251	825-2255	825-2250
.02	20	825-2201	825-2205	825-2200
.02	15	825-2151	825-2155	825-2150

K3 VTVT PACKS (PKG OF 6)

830-7721 21mm		830-7725 25mm	
TAPER	TIP	TAPER	TIP
.10	25	.10	25
.08	25	.08	25
.06	35	.06	35
.04	30	.04	30
.06	25	.06	25
.04	20	.04	20

K3 G-PACKS (PKG OF 6)

830-9921 17mm		830-9925 17mm	
TAPER	TIP	TAPER	TIP
.12	25	.12	25

21mm		25mm	
TAPER	TIP	TAPER	TIP
.10	25	.10	25
.08	25	.08	25
.06	25	.06	25
.04	25	.04	25
.02	25	.02	25

K3 PROCEDURE PACKS (PKG OF 6)

830-0621 17mm		830-0625 17mm	
TAPER	TIP	TAPER	TIP
.10	25	.10	25
.08	25	.08	25

21mm		25mm	
TAPER	TIP	TAPER	TIP
.06	40	.06	40
.06	35	.06	35
.06	30	.06	30
.06	25	.06	25

830-0421 17mm		830-0425 17mm	
TAPER	TIP	TAPER	TIP
.10	25	.10	25
.08	25	.08	25

21mm		25mm	
TAPER	TIP	TAPER	TIP
.04	40	.04	40
.04	35	.04	35
.04	30	.04	30
.04	25	.04	25

K3™ XF Strength meets flexibility.

K3XF – ALL THE FEATURES OF K3 AND MORE!

K3XF provides clinicians all the features of the original K3 plus a new level of flexibility. K3XF has been treated with our proprietary R-Phase Technology which helps improve flexibility and strength.



K3XF NICKEL-TITANIUM FILES (PKG OF 6)

 = K3XF Greater Taper Sizes

Taper	Tip	17mm	21mm	25mm	30mm
.12	40	823-2407	823-2401	823-2405	823-2400
.12	30	823-2307	823-2301	823-2305	823-2300
.12	25	823-2257	823-2251		
.12	20	823-2207	823-2201	823-2205	823-2200
.10	40	823-0407	823-0401	823-0405	823-0400
.10	30	823-0307	823-0301	823-0305	823-0300
.10	25	823-0257	823-0251	823-0255	823-0250
.10	20	823-0207	823-0201	823-0205	823-0200
.08	40	823-8407	823-8401	823-8405	823-8400
.08	30	823-8307	823-8301	823-8305	823-8300
.08	25	823-8257	823-8251	823-8255	823-8250
.08	20	823-8207	823-8201	823-8205	823-8200
.06	60		823-6601	823-6605	823-6600
.06	55		823-6551	823-6555	823-6550
.06	50		823-6501	823-6505	823-6500
.06	45		823-6451	823-6455	823-6450
.06	40		823-6401	823-6405	823-6400
.06	35		823-6351	823-6355	823-6350
.06	30		823-6301	823-6305	823-6300
.06	25		823-6251	823-6255	823-6250
.06	20		823-6201	823-6205	823-6200
.06	15		823-6151	823-6155	823-6150
.06	15-40 Asst		823-6021	823-6025	
.04	60		823-4601	823-4605	823-4600
.04	55		823-4551	823-4555	823-4550
.04	50		823-4501	823-4505	823-4500
.04	45		823-4451	823-4455	823-4450
.04	40		823-4401	823-4405	823-4400
.04	35		823-4351	823-4355	823-4350
.04	30		823-4301	823-4305	823-4300
.04	25		823-4251	823-4255	823-4250
.04	20		823-4201	823-4205	823-4200
.04	15		823-4151	823-4155	823-4150
.04	15-40 Asst		823-4021	823-4025	

K3XF PROCEDURE PACKS (PKG OF 6)

823-0621 17mm TAPER TIP .10 25 .08 25	823-0625 17mm TAPER TIP .10 25 .08 25
21mm TAPER TIP .06 40 .06 35 .06 30 .06 25	25mm TAPER TIP .06 40 .06 35 .06 30 .06 25
823-0421 17mm TAPER TIP .10 25 .08 25	823-0425 17mm TAPER TIP .10 25 .08 25
21mm TAPER TIP .04 40 .04 35 .04 30 .04 25	25mm TAPER TIP .04 40 .04 35 .04 30 .04 25

K3XF G-PACKS (PKG OF 5)

823-9921 17mm TAPER TIP .12 25	823-9925 17mm TAPER TIP .12 25
21mm TAPER TIP .10 25 .08 25 .06 25 .04 25	25mm TAPER TIP .10 25 .08 25 .06 25 .04 25

Quantec Files



QUANTEC LX (NON-CUTTING) TIP

PKG OF 5

AXXESS HANDLE

Engine Graduated Tapers .25mm Tip - Color Indicates Taper

Taper	.03	.04	.05	.06	.08	.10	.12
17mm				815-2128	815-2129	815-2131	815-2133
21mm	815-2100	815-2102	815-2104	815-2106	815-2130	815-2132	815-2134
25mm	815-2101	815-2103	815-2105	815-2107	815-2135		

Engine ISO (.02 Tip) - Color Indicates Taper

Tip	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60
21mm	815-2108	815-2110	815-2112	815-2114	815-2116	815-2118	815-2120	815-2122	815-2124	815-2126
25mm	815-2109	815-2111	815-2113	815-2115	815-2117	815-2119	815-2121	815-2123	815-2125	815-2127

QUANTEC SC (CUTTING) TIP

PKG OF 5



AXXESS HANDLE

Engine Graduated Tapers .25mm Tip - Color Indicates Taper






Taper	.03	.04	.05	.06
17mm				815-2028
21mm	815-2000	815-2002	815-2004	815-2006
25mm	815-2001	815-2003	815-2005	815-2007

Engine ISO (.02 Taper) - Color Indicates Taper

Tip	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60
21mm	815-2008	815-2010	815-2012	815-2014	815-2016	815-2018	815-2020	815-2022	815-2024	815-2026
25mm	815-2009	815-2011	815-2013	815-2015	815-2017	815-2019	815-2021	815-2023	815-2025	815-2027

Stainless Steel Files



- K-FLEX™ FILES** 
- TRIPLE-FLEX™** 
- K-FILES** 
- HEDSTROM** 
- REAMERS** 

K-FLEX FILES

K-Flex Files feature a unique rhomboid design.


TRIPLE-FLEX FILES

Triple-Flex Files are triangular-bladed, stainless steel instruments.

Size Pkg of 6	21mm	25mm	30mm
80		15174	15258
70		15170	15254
60	15334	15166	15250
55	15330	15162	15246
50	15326	15158	15242
45	15322	15154	15238
40	15318	15150	15234
35	15314	15146	15230
30	15310	15142	15226
25	15306	15138	15222
20	15302	15134	15218
15	15298	15130	15214
10	15294	15126	15210
08	15290	15122	15206
06	60120	60144	60193
15-40 Asst	821-4021	821-4025	821-4030
45-80 Asst		821-4125	821-4130



Size Pkg of 6	21mm	25mm	30mm
80	25941	25957	25973
70	25940	25956	25972
60	25939	25955	25971
55	25938	25954	25970
50	25937	25953	25969
45	25936	25952	25968
40	25935	25951	25967
35	25933	25949	25965
30	25932	25948	25964
25	25931	25947	25963
20	25930	25946	25962
15	25929	25945	25961
10	25928	25944	25960
08	25927	25943	25959
15-40 Asst	821-3021	821-3025	821-3030
45-80 Asst	821-3121	821-3125	821-3130



K-FILES

K-Files are twisted from a square cross section and can bypass obstructions with ease.

Size Pkg of 6	21mm	25mm	30mm
80	06026	06099	06170
70	06024	06085	06166
60	06023	06077	06163
55	06022	06076	06162
50	06021	06075	06161
45	06020	06074	06160
40	06019	06069	06159
35	06016	06067	06157
30	06015	06066	06156
25	06014	06065	06155
20	06005	06064	06153
15	06004	06063	06152
10	06003	06062	06151
08	14127	14128	14129
06	62249	62250	62251
15-40 Asst	821-8021	821-8025	821-8030
45-80 Asst	821-8121	821-8125	821-8130



BARBED BROACHES*

Barbed Broaches are 21mm in length and come presterilized.



Size Pkg of 6	
• XXXF	17008
• XXF	17009
• XF	17010
• F	17011
• M	17012
• C	17013
Asst Package (10 each: XXXF, XXF, XF)	17014
Asst Package (10 each: F, M, C)	17015

*Not available in the EU

SHAPE | STAINLESS STEEL FILES

PATHFINDER™

Stainless steel Pathfinder instruments feature a minimal taper and are used for negotiating difficult or calcified canals.



Size	21mm	25mm
Pkg of 6	17023	17017
*Not available in the EU		

PATHFINDER™ CS*

Pathfinder CS instruments feature the same minimal taper as stainless steel Pathfinders but are made with carbon steel to help negotiate difficult or calcified canals.



Size	Handle	19mm	21mm	25mm
Pkg of 6				
K1	Dark Brown	22935	22936	23465
K2	Orange	22937	22938	23467
*Not available in the EU				

HEDSTROM FILES

Hedstrom Files are ground from stainless steel wire. The flute depth increases with the taper, creating a sharper, more flexible instrument.



Size	21mm	25mm	30mm
Pkg of 6			
70	12796	11354	13278
60	12793	11353	12841
55	12790	11352	12838
50	12787	11351	12835
45	12784	11350	12832
40	12781	11349	12829
35	12778	11348	12826
30	12775	11347	12823
25	12772	11346	12820
20	12769	11345	12817
15	12766	11344	12814
15-40 Asst	12809	11359	13291
45-80 Asst	12810	11360	13292

REAMERS

Reamers are high quality, triangular bladed, stainless steel instruments designed to provide flexibility with integrity.



Size	21mm	25mm	30mm
Pkg of 6			
45	06040	06132	
40	06038	06131	
35	06034	06127	
30	06033	06126	
25	06032	06120	
20	06031	06112	
15	06030	06111	
10	06029	06110	
08	14133	14134	
06	62252	62253	62254
15-40 Asst	821-2021	821-2025	

ENDOTOUCH TC2*

EndoTouch TC2 is the next generation in cordless endodontic motors. TC2 has a large LCD display, simple 5-key operation and is lightweight, which helps during even the most delicate endodontic procedures. The auto reverse and alarm functions indicate the load is about to reach the pre-set torque level, allowing you to unload the file even before the auto reverse sets in. With the new digital operating interface, changing settings on the TC2 is more intuitive than previous versions.

FEATURES AND BENEFITS

- No cord or foot pedal
- Small, lightweight
- Five torque settings
- Nine speed options available from 125 to 625 rpm
- Auto-reverse
- Quick-charge battery



TC2 Cordless 110V Motor, EndoTouch 16:1 swing latch head, 110V power cord, battery charger, F-type spray nozzle, motorcap, quick start guide, instruction for use	815-9140
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16:1 Contra-Angle Replacement Handpiece (Push Button)	815-9124
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*Not available in the EU

M4 SAFETY™ HANDPIECE*

M4 Safety Handpiece features a watch-winding, oscillating movement so you don't have to.



M4 Safety Handpiece E-Type	25846
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*Not available in the EU

elements™ e-motion

Endodontic Motor

Introducing elements™ e-motion with next generation adaptive motion technology.

Features

- 100% German Made
- Touch-Screen Interface
- Smart Technology
- Better Visibility and Access

Included with elements e-motion Motor

elements e-motion	815-1700
elements 8:1 handpiece	815-1655
Power supply	815-1721
Power cable	815-1711
Foot control	815-1720
Motor cord	815-1722



Touch-Screen Interface

The intuitive, full-color touch screen allows easy access to your preferred settings. Customize your pre-set with 24 file systems in the database.



Better Visibility and Access

Handpiece with a smaller head for better visibility and easier posterior access.



Smart Technology

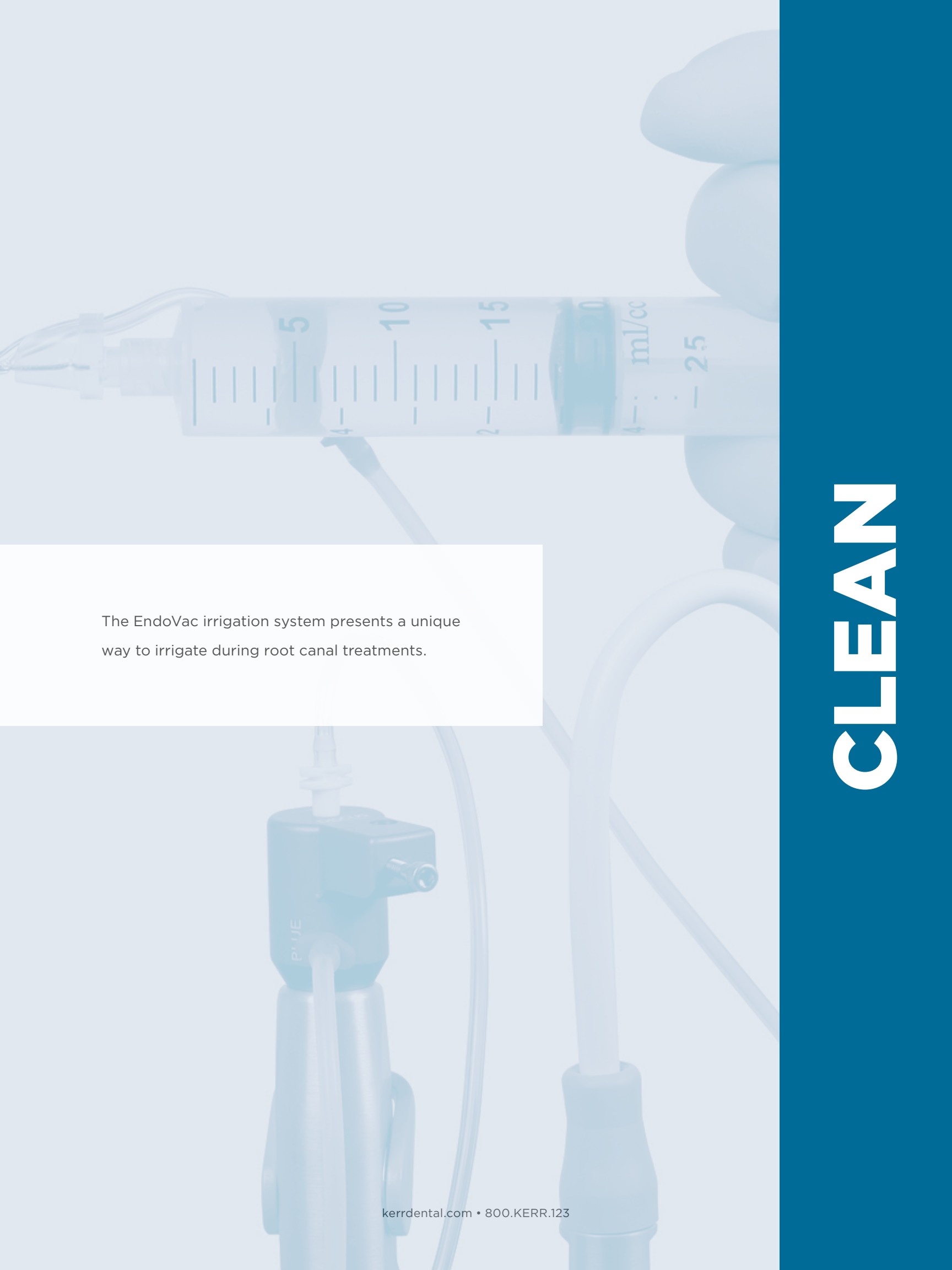
Enhanced Adaptive Motion algorithm enables higher cutting efficiency, with greater protection against breakage and deformation.



Ergonomic Design

Four handpiece mounting options to comfortably accommodate left or right handed use.





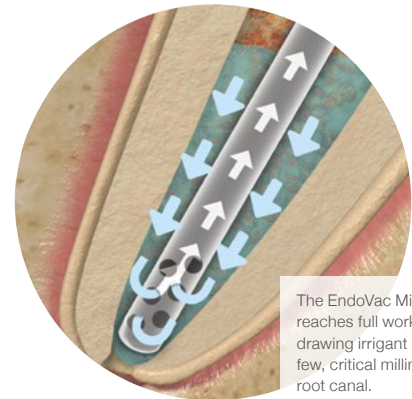
The EndoVac irrigation system presents a unique way to irrigate during root canal treatments.

CLEAN

Irrigation evolved.

EndoVac™ – true apical negative pressure irrigation system.

For decades, endodontic irrigation involved filling a syringe with sodium hypochlorite, carefully putting it into the canal and then cautiously injecting with positive pressure. Numerous accounts of hypochlorite accidents have highlighted the inherent danger in this method of irrigation. EndoVac is a true evolution in endodontic irrigation. Instead of applying positive pressure, EndoVac uses suction to PULL irrigant down the root canal, and then up and away into the Hi-Vac suction unit. We call this “negative apical pressure,” because EndoVac applies suction rather than forceful injection to consistently provide the gold standard in care.



The EndoVac MicroCannula reaches full working length, drawing irrigant into the last few, critical millimeters of the root canal.

EndoVac Complete Installation Kit	973-3003
1- Multi-Port Adapter, 2- Handpiece/Fingerpiece Sets, 2- Extra Evacuation Tubing Sets, 20- MacroCannulas, 20- MicroCannulas (25mm), 20- Master Delivery Tips, 6- 20cc Syringes for NaOCl, 6- 3cc Syringes for EDTA,	
EndoVac Starter Kit	973-3036
1- Multi-Port Adapter, 1- Handpiece/Fingerpiece Set, 1-Evacuation Tubing Set, 5- MacroCannulas, 5- MicroCannulas (25mm), 5- Master Delivery Tips, 6- 20cc Syringes for NaOCl, 6- 3cc Syringes for EDTA	
EndoVac Conversion Kit (for 1st generation users)	973-3006
1- Multi-Port Adapter, 1- Extra Evacuation Tubing Set, Macro-Cannulas, 5- MicroCannulas (25mm), 5- Master Delivery Tips	
EndoVac Multi-Port Adapter	973-3004
Fingerpiece/Handpiece Set	973-3018
Single EndoVac Handpiece	973-3021
Single EndoVac Fingerpiece	973-3022
Evacuation Tubing	973-3005
(contains 2 autoclavable tubes: Macro/Micro & MDT)	
Master Delivery Tips (20 pk) autoclavable	973-3013
Master Delivery Tips (5 pk) autoclavable	973-3012
25mm MacroCannulas (20 pk)	973-3027
25mm MacroCannulas (5 pk)	973-3020
21mm MicroCannulas (20 pk)	973-3014
21mm MicroCannulas (5 pk)	973-3025
25mm MicroCannulas (20 pk)	973-3026
25mm MicroCannulas (5 pk)	973-3019
31mm MicroCannulas (5 pk)	973-3024
20cc Syringes (6 pk)	973-3016
3cc Syringes (6 pk)	973-3017

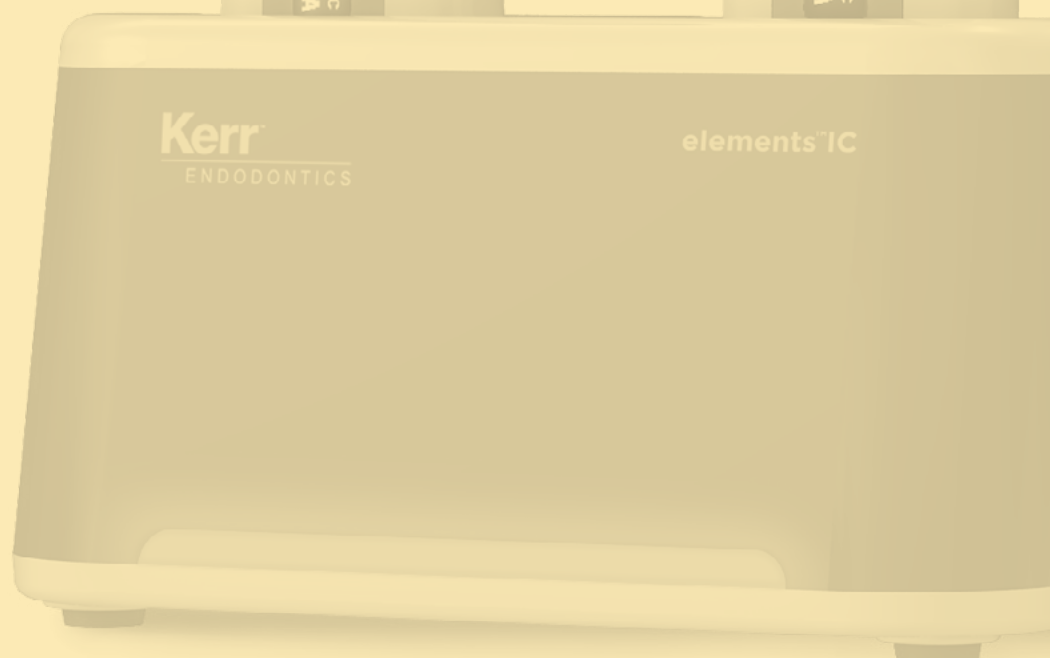
*Not available in the EU

4 SIMPLE COMPONENTS

1. The **Multi-Port Adapter (MPA)** plugs directly into your office Hi-Vac and serves as a caddy for the EndoVac tubing and other components. It is autoclavable for easy sterilization, and is easily removed and re-attached to the Hi-Vac system for maximum portability between operatories.
2. The **Master Delivery Tip (MDT)** plugs directly into the blue port of the MPA and provides a constant flow of irrigant without the risk of overflow. The MDT is used during coronal flaring and after each instrument change to remove gross debris arising from instrumentation.
3. The **MacroCannula** is used to remove coarse debris inside the canal after all instrumentation is completed. In this step, the MacroCannula and the MDT are used at the same time. It is helpful to have a dental assistant deliver the irrigant with the MDT while the clinician works the MacroCannula up and down each canal.
4. The **MicroCannula** is a 28 gauge needle (0.32 mm) with 12 laser-drilled, microscopic evacuation holes – each less than 100 microns in size – placed at the end of the needle. Fluid is drawn to the apical termination through these holes, creating a vortex-like cleaning of the apical third.



We offer an obturation solution that fits your technique. From carrier based obturators to warm vertical systems.



OBTURATION

elements™ IC

Obturation System

Obturation is a critical step in the root canal procedure as it helps to prevent leakage, entomb remaining bacteria and reduce the chance of reinfection. The elements IC obturation system was designed to be used with the Continuous Wave warm vertical condensation technique. The new extended battery life and Inductive Charging Base makes the elements IC the latest technology for 3D endodontic obturation without cords or wires getting in the way.

Features & Benefits | A System Based Approach.



Cordless emulation of the Elements Obturation Unit

- » same Continuous Wave™ downpack tips
- » same backfilling cartridges
- » same performance-without the cord



Ergonomic design for comfortable and balanced grip



Batteries fully charge in less than 3 hours



Inductive Charging:
NO ELECTRICAL CONNECTOR
between handpieces and base



Gutta Percha cartridge level indicator,
for better planning of the procedure



360° Ring on both handpieces for control
and comfort



Elements IC Obturation System

Elements gutta percha cartridge kit 23ga - pk10	972-1002
Elements gutta percha cartridge kit 25ga - pk10	972-1003
Elements g/p cartridge hvy body kit 23ga - pk10	972-1005
elements gutta purcha cartridge 23GA Medium Body - pk10 (gold)	972-2500
elements gutta purcha cartridge 25GA Light Body - pk10 (gold)	972-2501
elements gutta purcha cartridge 23GA Heavy Body - pk10 (gold)	972-2502

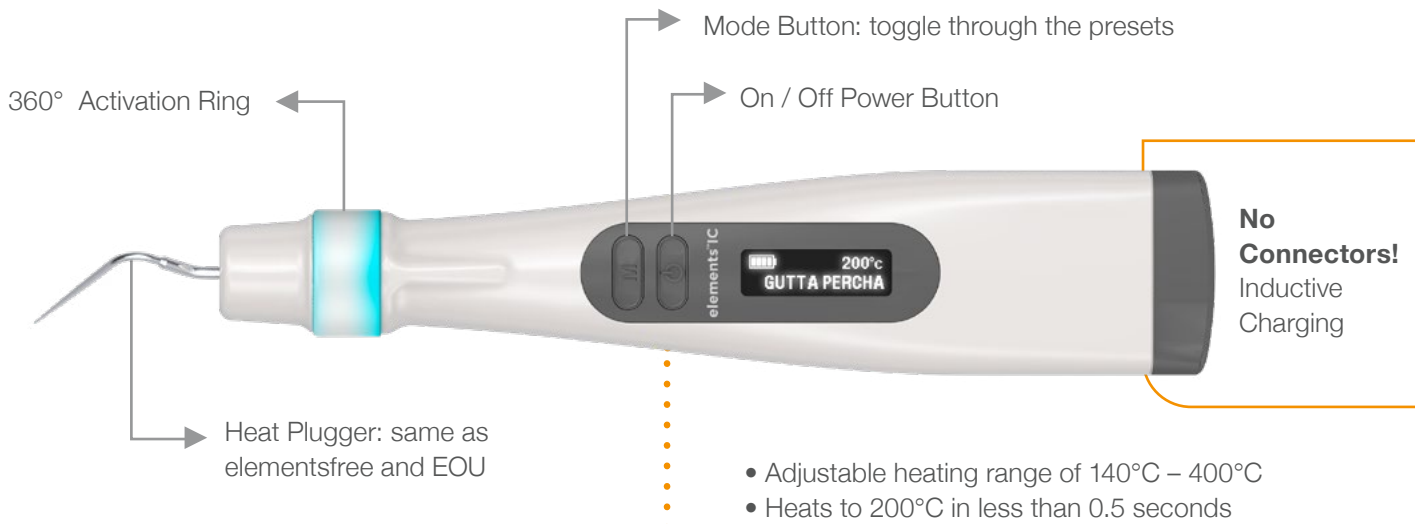
973-0600-TYPEB

972-1002
972-1003
972-1005
972-2500
972-2501
972-2502

Downpack Unit
Backfill Unit
Dual Charger
Single Charger
Transformer
Power Cord
Battery

973-0602-TYPEB
973-0604-TYPEB
973-0610
973-0612
973-0615
973-0616-TYPEB
973-0620

Downpack Device



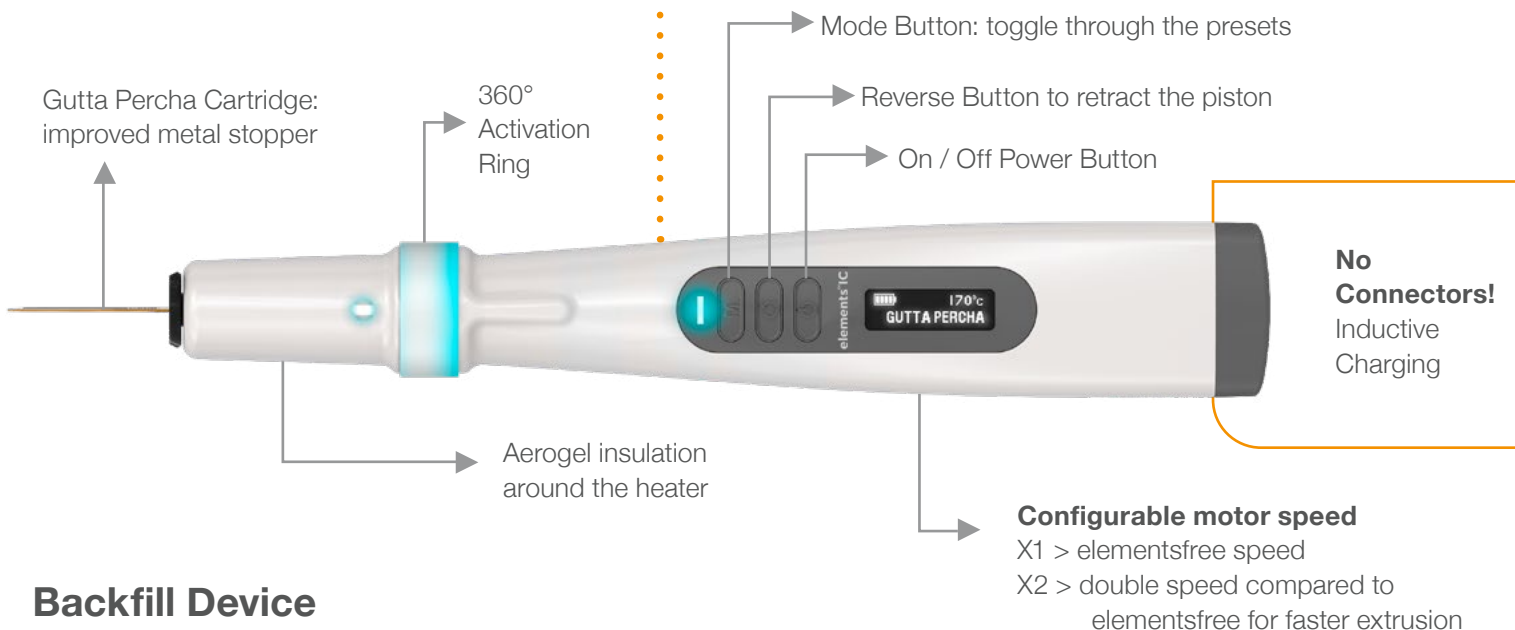
COMMON FEATURES

- Same screen
- Same digital interface
- Same controls
- Temperature display
- Organic Light Emitting Diode display (OLED)
- Same, easy to replace battery
- Volume control: 6 levels
- Preset temperatures for gutta percha and custom setting

- DOUBLE battery run time compared to elementsfree, more than 16 canals on a single charge
- Priming time at least 20% shorter compared to elementsfree
- Compatible with common cleaning solutions
- Adjustable temperature range of 100°C – 230°C

Indicator	4	3	2	1	0
Gutta Percha Level	Full	75%	50%	25%	Empty

The indicator estimates how many canals you can obturate with the material left in the GP cartridge.



Backfill Device

Elements™ Obturation Unit

THE ELEMENTS OBTURATION UNIT*

The Elements Obturation Unit combines our System B™ technology with a motor-driven extruder handpiece.

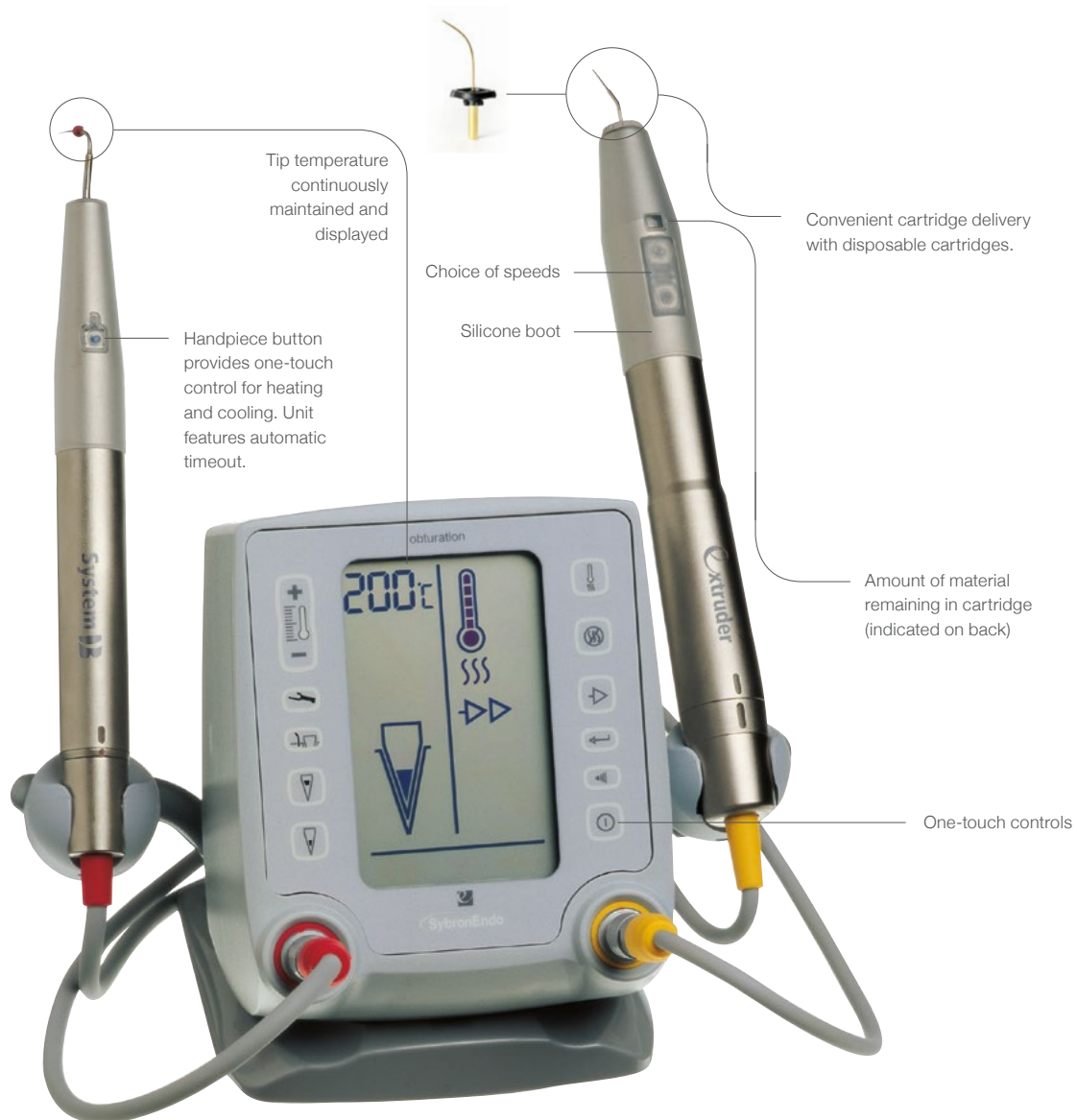
Elements Obturation Unit

Extruder Handpiece (w/2 Shields)	973-0322
System B Handpiece (w/2 Shields)	973-0326
Extruder Handpiece Silicone Boots (pkg of 2)	973-0327
System B Handpiece Silicone Boots (pkg of 2)	973-0329
Extruder Handpiece Shield (pkg of 2)	973-0330
System B Handpiece Shield (pkg of 2)	973-0331
Power Supply (Transformer)	973-0332
AC Power Cord, US	973-0333
	973-0334

Elements Obturation Cartridges (pkg of 10)

Gutta Percha	
Elements gutta percha cartridge kit 23ga	972-1002
Elements gutta percha cartridge kit 25ga	972-1003
Elements g/p cartridge hvy body kit 23ga	972-1005
elements gutta purcha cartridge 23GA Medium Body - pk10 (gold)	972-2500
elements gutta purcha cartridge 25GA Light Body - pk10 (gold)	972-2501
elements gutta purcha cartridge 23GA Heavy Body - pk10 (gold)	972-2502

*Not available in the EU



BUCHANAN HAND PLUGGERS

Buchanan Hand Pluggers feature tapered nickel-titanium and stainless steel tips (ends). The NiTi ends are color-coded for identification.



Buchanan Hand Plugger, Size #0	974-0060
Buchanan Hand Plugger, Size #1	974-0058
Buchanan Hand Plugger, Size #2	974-0059



Buchanan Pluggers (pkg of 5)	952-0003
Medium-Large Buchanan Plugger, .12 Taper	952-0007
Medium Buchanan Plugger, .10 Taper	952-0006
Fine-Medium Buchanan Plugger, .08 Taper	952-0005
Fine Buchanan Plugger, .06 Taper	952-0004
Extra-Fine Buchanan Plugger, .04 Taper	952-0031

BUCHANAN HEAT PLUGGERS

Available individually or in a prepackaged kit of five, Buchanan Heat Pluggers are designed in shapes that closely match final root canal preparations. Buchanan Heat Pluggers are used in elements™free, elements™ IC, Elements™ Obturation Unit, and System B Heatsource



BUCHANAN HEAT PLUGGER TIP STAND*

A user-friendly, aesthetic, and secure organizer for your Buchanan Heat Pluggers. Flip down the stand and you're ready to autoclave. Holds up to six pluggers.

Buchanan Heat Plugger Tip Stand	952-0017
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*Not available in the EU

System B™ Heat Source*

The System B Heat Source features 360° one touch activation heating, a rechargeable battery and charge adapter, and it is protected by a sturdy cast-aluminum enclosure. The handpiece and cord assembly can be disconnected and autoclaved, and it has a convenient carrying handle. The System B also accepts Touch 'n Heat tips.

System B Heat Source, 110v	952-0001
SYSTEM B ACCESSORIES	
System B Charge Adapter, 110v**	973-0222
Handpiece Assembly for System B	952-0008
Pinvise Nut with Contact Spring**	973-0224
Small Pinvise Nut Only**	973-0245
Plastic Practice Blocks for System B	952-0024
Contact Clip (pkg of 2)**	951-0008

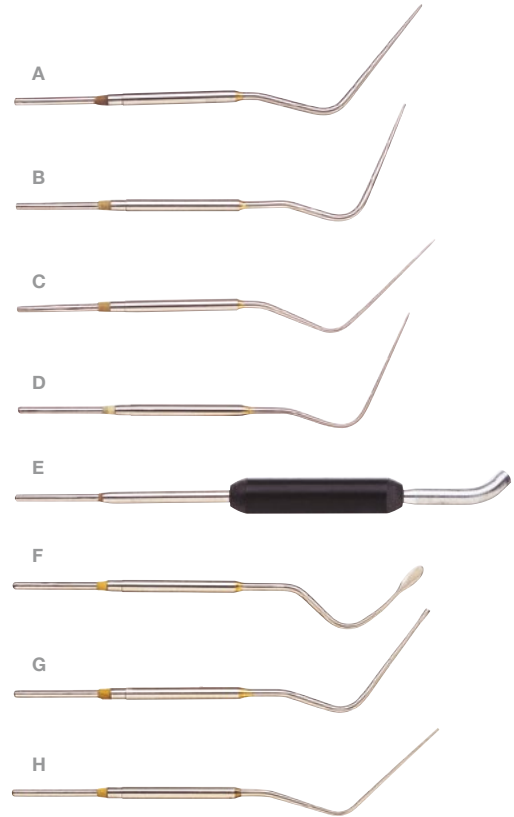
*Not available in the EU
**Also used with Touch n' Heat.





Touch 'N Heat™ 5004*

The autoclavable tips are internally heated so that the heat is concentrated at the end where it's needed most. Not only do you have a heated tip to work with, you also can control it's temperature.



HEAT CARRIERS AND TIPS*

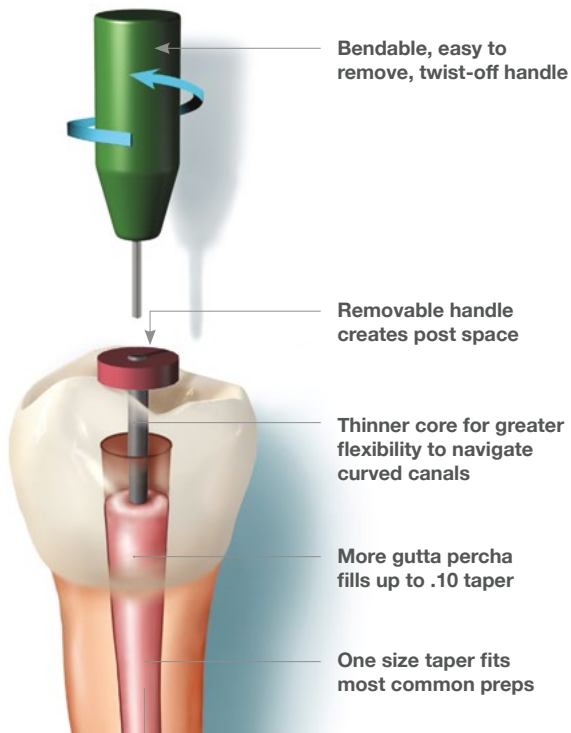
Touch 'n Heat 5004, 110v	973-0212
Pinvise Nut with Contact Spring**	973-0224
Small Pinvise Nut Only**	973-0245
Charge Adapter, 110 V**	973-0222
Contact Clip (pkg of 2)**	951-0008

*Not available in the EU
**Also used with System B.

A. Standard Anterior Heat Carrier	973-0214
B. Standard Posterior Heat Carrier	973-0215
C. Narrow Anterior Heat Carrier	973-0216
D. Narrow Posterior Heat Carrier	973-0217
E. Hot Pulp Test Tip	973-0219
F. Spoon Tip	973-0218
G. Plugger, Thick Tip (1mm)	973-0220
H. Plugger, Thin Tip (.5mm)	973-0221

*Not available in the EU

Soft•Core™



FEATURES AND BENEFITS

- Injection molded Obturators to obtain the accurate tolerances needed
- Simple, twist off handle design removes easily
- Stainless steel insertion pin can be pre-bent for posterior access
- Thinner core for greater flexibility to navigate curved canals
- More gutta percha, fills up to .10 taper
- One universal taper size fits most common preps

Size	Product	Item
#20	972-3020	Obturator Size #20 (6pk)
#25	972-3025	Obturator Size #25 (6pk)
#30	972-3030	Obturator Size #30 (6pk)
#35	972-3035	Obturator Size #35 (6pk)
#40	972-3040	Obturator Size #40 (6pk)
#45	972-3045	Obturator Size #45 (6pk)
#50	972-3050	Obturator Size #50 (6pk)
#55	972-3055	Obturator Size #55 (6pk)
#60	972-3060	Obturator Size #60 (6pk)
#20	972-3120	Obturator Economy Pk Size #20 (36pk)
#25	972-3125	Obturator Economy Pk Size #25 (36pk)
#30	972-3130	Obturator Economy Pk Size #30 (36pk)
#35	972-3135	Obturator Economy Pk Size #35 (36pk)
#40	972-3140	Obturator Economy Pk Size #40 (36pk)
#45	972-3145	Obturator Economy Pk Size #45 (36pk)
#50	972-3150	Obturator Economy Pk Size #50 (36pk)
#55	972-3155	Obturator Economy Pk Size #55 (36pk)
#60	972-3160	Obturator Economy Pk Size #60 (36pk)
#20	972-3220	Size Verifier #20 (6pk)
#25	972-3225	Size Verifier #25 (6pk)
#30	972-3230	Size Verifier #30 (6pk)
#35	972-3235	Size Verifier #35 (6pk)
#40	972-3240	Size Verifier #40 (6pk)
#45	972-3245	Size Verifier #45 (6pk)
#50	972-3250	Size Verifier #50 (6pk)
#55	972-3255	Size Verifier #55 (6pk)
#60	972-3260	Size Verifier #60 (6pk)
	815-1401	#1 LA Axxess Stainless Steel Bur (6pk)

Soft-Core Intro Kit 972-3000
 Soft-Core Oven 972-3002



TF™ ADAPTIVE OBTURATORS & VERIFIERS

Size	Obturators 6 Pack	Size	Obturators 36 Pack	Size	Verifiers 6 Pack
SM2	815-1550	SM2	815-1560	SM2	815-1552
SM3	815-1551	SM3	815-1561	SM3	815-1553
ML1	815-1554	ML1	815-1562	ML1	815-1557
ML2	815-1555	ML2	815-1563	ML2	815-1558
ML3	815-1556	ML3	815-1564	ML3	815-1559



XPRESS SEALERS

Sealapex, Tubli-Seal and Tubli-Seal EWT are available in automix syringes. These syringes offer easy mixing at your fingertips without manual mixing.

Sealapex Xpress (2 – 10.5g syringes)	33639
Tubli-Seal Xpress (2 – 10.7g syringes)	33640
Tubli-Seal EWT Xpress (2 – 10.8g syringes)	33641
50 mixing tips	33680



PULP CANAL SEALER™ & PULP CANAL SEALER™ EWT

Pulp Canal Sealer is a zinc oxide eugenol sealer that has a powder base and liquid catalyst. Pulp Canal Sealer EWT features a work time of greater than 6 hours on the pad.

Pulp Canal Sealer	24875
Pulp Canal Sealer EWT	24746
Case Lot Powder EWT Refill	24745
Case Lot Powder	24874
Case Lot Liquid Refill	24873



SEALAPEX™

Sealapex is a non-eugenol, calcium hydroxide polymeric root canal sealer.

Sealapex	18432
Bulk package contains:	18589
24 sets of base and accelerator,	
6 mixing pads	



TUBLI-SEAL™ EWT

Tubli-Seal EWT offers all of the benefits of Tubli-Seal with the added benefit of a longer working time.

Tubli-Seal EWT	25903
Mixing pads	28366



TUBLI-SEAL™

Tubli-Seal is a paste/paste zinc oxide eugenol root canal sealer. It is light in color, nondarkening and radiopaque.

Tubli-Seal	00340
Bulk package contains:	01081
24 sets of base and accelerator,	
6 mixing pads	





ZENFLEX™ GUTTA PERCHA POINTS

Use your ZenFlex confidently and precisely. ZenFlex Gutta Percha Points match with canals shaped by ZenFlex NiTi Files.

PACKAGE OF 50

Taper	Tip	30mm	Taper	Tip	30mm
.04	20	825-9420	.06	20	825-9620
.04	25	825-9425	.06	25	825-9625
.04	30	825-9430	.06	30	825-9630
.04	35	825-9435	.06	35	825-9635
.04	40	825-9440	.06	40	825-9640
.04	45	825-9445	.06	45	825-9645

ASSORTED PACKS (PKG OF 60)

825-9400 30mm		825-9600 30mm	
Taper	Tip	Taper	Tip
.04	20	.06	20
.04	25	.06	25
.04	30	.06	30
.04	35	.06	35
.04	40	.06	40
.04	45	.06	45

**AUTOFIT™ GREATER TAPER
GUTTA PERCHA**

Greater Taper cones are designed to match canals shaped with Greater Taper files. Autofit cones have a parallel shank that is tapered to a point (similar to the end of a pencil).

GREATER TAPER – PKG OF 50



Taper

Assorted .06-.12	972-0100
12L (1.35mm max. diameter)	972-0105
12 (.98mm max. diameter)	972-0107
.10	972-0104
.08	972-0103
.06	972-0102
.04	972-0101



TF ADAPTIVE™ GUTTA PERCHA POINTS

PKG OF 50

Part #	Description
815-1540	TF Adaptive Gutta Percha Small Yellow Pack - SM2
815-1541	TF Adaptive Gutta Percha Small Red Pack - SM3
815-1542	TF Adaptive Gutta Percha Small Asst Pack - SM2, SM3
815-1543	TF Adaptive Gutta Percha Medium/Large Green Pack - ML1
815-1544	TF Adaptive Gutta Percha Medium/Large Yellow Pack - ML2
815-1545	TF Adaptive Gutta Percha Medium/Large Red Pack - ML3
815-1546	TF Adaptive Gutta Percha Medium/Large Asst Pack - ML1, ML2, ML3



TF Gutta Percha and Paper Points have been made specifically for use with the TF Rotary NiTi Files.



TF™ GUTTA PERCHA POINTS
PKG OF 50

Taper	Tip		Taper	Tip	
.06	30	822-0630	.12	25	822-1225
.06	35	822-0635	.10	25	822-1025
.04	40	822-0440	.08	25	822-0825
.04	50	822-0450	.06	25	822-0625
Asst.04-.06	30-50	822-0020	.04	25	822-0425
			Asst.04-.12	25	822-0010

ACCESSORY GUTTA PERCHA

Gutta Percha Points are readily softened by heat and flexible enough to be easily inserted into the canal.

ISO COLOR CODED GUTTA PERCHA

ISO color coded Gutta Percha Points are readily softened by heat and flexible to be easily inserted into the canal.

ACCESSORY SIZES	Box of 100	6 Vials of 20
Xtra-Fine (XF)	12643	14376
Fine-Fine (FF)	13985	14377
Medium-Fine (MF)	13986	14378
Fine (F)	12644	14375
Fine-Medium (FM)	13987	14379
Medium (M)	12645	14380
Large (L)	12646 (PKG OF 50)	14381
Asst Pack (XF, FF, MF, F, FM, M)	12647	14374

SIZES	Box of 100	6 Vials of 20
No. 15	12648	14382
No. 20	12649	14383
No. 25	12650	14384
No. 30	12651	14385
No. 35	12652	14386
No. 40	12653	14387
No. 45	12654	14388
No. 50	12655	14389
No. 55	12656	14390
No. 60	12657	14391
No. 70	12658	14392
No. 80	12659	14393
No. 15-40	Assorted	14451
No. 45-80	Assorted	14452
No. 90-140	Assorted	14453



AUTOFIT BACKFILL GUTTA PERCHA

Autofit Backfill gutta percha cone sizes directly correspond with the sizes of the Buchanan Heat Pluggers. Once the initial downpack is complete, backfill cones fill the plugger void.

- PKG OF 60
- Backfill Fine
- Backfill Fine-Medium
- Backfill Medium
- Backfill Medium-Large



- 972-0020
- 972-0021
- 972-0022
- 972-0023

AUTOFIT FEATHERED TIP

GUTTA PERCHA (NON-STANDARD)

Non-standard gutta percha cones exhibit a larger, continuous taper all the way up the cone than does ISO gutta percha. These cones are feathered tipped.

- PKG OF 100
- Fine-Fine
- Medium-Fine
- Fine
- Fine-Medium
- Medium
- Medium-Large
- Large



- 952-0010
- 952-0011
- 952-0012
- 952-0013
- 952-0014
- 952-0015
- 952-0016

TIP SNIP™

Using a measurement dial, the Tip Snip flush cuts gutta percha to the apex size you need.

Tip Snip

815-9042



K3XF

K3 & K3XF GUTTA PERCHA (PKG OF 50)

Taper	Tip	Part No.
.04	45	825-0445
.04	40	825-0440
.04	35	825-0435
.04	30	825-0430
.04	25	825-0425
.04	20	825-0420
.04	20-40 Asst	825-0400
.04	Feather Tip	825-0047
.06	45	825-0645
.06	40	825-0640
.06	35	825-0635
.06	30	825-0630
.06	25	825-0625
.06	20	825-0620
.06	20-40 Asst	825-0600
.06	Feather Tip	825-0048

SimpliFill™

SIMPLIFILL OBTURATION*

SimpliFill Apical Gutta Percha Obturators are the only carrier-based obturators that feature a removable carrier, leaving nothing in the canal except for the obturation material. With a few twists, the SimpliFill carrier is removed, leaving an Apical Plug securely in place. SimpliFill and LightSpeed LSX™ files are a natural fit.



Size	25mm		31mm		50mm	
	6 Pk	Asst 12 pk	6 Pk	Asst 12 pk	6 Pk	Asst 12 pk
35	972-3525	972-3545	972-3531	972-3541	972-3550	972-3540
40	972-4025		972-4031		972-4050	
45	972-4525		972-4531	972-4551	972-4550	
50	972-5025	972-5031	972-5050			
55	972-5525	972-5060	972-5531	972-5561	972-5550	972-5560
60	972-6025		972-6031		972-6050	
65	972-6525	972-6513	972-6531	972-6571	972-6550	972-6570
70	972-7025		972-7031		972-7050	
80	972-8025		972-8031		972-8001	
90	972-9025		972-9031	972-9050		
100	972-1025		972-1031	972-10031	972-1050	
110	972-1125		972-1131		972-1150	
120	972-1225		972-1231		972-1250	
130	972-1325		972-1331	972-1451	972-1350	
140	972-1425				972-1415	
150						

*Not available in the EU



RUDDLE POST REMOVAL SYSTEM™

The Ruddle Post Removal System was designed by Dr. Clifford Ruddle to get out of sticky situations. The Post Removal System features 5 trephine sizes with matching taps that literally put the grip on the post. Once the threads have been created, the removal plier completes the job.

Ruddle Post Removal System*	977-0030
RUDDLE POST REMOVAL SYSTEM REPLACEMENT PARTS*	
Ruddle Remover Tool*	977-0031
Post Removal Domer Bur	977-0032
Post Removal Trephine #1	977-0033
Post Removal Trephine #2	977-0034
Post Removal Trephine #3	977-0035
Post Removal Trephine #4	977-0036
Post Removal Trephine #5	977-0037
Post Removal Tap #1	977-0038
Post Removal Tap #2	977-0039
Post Removal Tap #3	977-0040
Post Removal Tap #4	977-0041
Post Removal Tap #5	977-0042
Post Removal Torque Pin	977-0043
Post Removal Silicon Cushion Assortment	977-0044
Post Removal System Sterilizing Tray	977-0047
Post Removal System Box	977-0048

*Not available in the EU

MICROSEAL CONDENSERS*

The engine-driven nickel-titanium condensers utilize a reverse-helix design that simultaneously introduces and condenses gutta percha into the intricacies of the canal system.

Microseal Condensers		Pacmac™ Condensers	
Size .02 Taper	5 Pack	Size .04 Taper	5 Pack
25/21mm	815-7101	25/21mm	815-7131
30/21mm	815-7102	45/21mm	815-7132
35/21mm	815-7103	55/21mm	815-7133
60/21mm	815-7104	Asst 21mm	815-7221
25/25mm	815-7501	25/25mm	815-7531
30/25mm	815-7502	45/25mm	815-7532
35/25mm	815-7503	55/25mm	815-7533
60/25mm	815-7504	Asst 25mm	815-7225

*Not available in the EU

PAPER POINTS

Paper points are made to remove moisture from prepared canals. They are sized to correspond with the dimensions of the standardized endodontic instruments.

Auxiliary Sizes	Box of 200
X-Fine (XF)	13966
Fine (F)	13967
Medium (M)	13968
Course (C)	13969
X-Course (XC)	13970
Assorted (XF, F, M, C)	13965

Standard Sizes	Box of 200
No. 15	13971
No. 20	13972
No. 25	13973
No. 30	13974
No. 35	13975
No. 40	13976
No. 45	13977
No. 50	13978
No. 55	13979
No. 60	13980
No. 70	13981
No. 80	13982



TF ADAPTIVE™ PAPER POINTS

PKG OF 100

Part #	Description
815-1570	TF Adaptive Paper Points Small Yellow Pack - SM2
815-1571	TF Adaptive Paper Points Small Red Pack - SM3
815-1572	TF Adaptive Paper Points Medium/Large Green Pack - ML1
815-1573	TF Adaptive Paper Points Medium/Large Yellow Pack - ML2
815-1574	TF Adaptive Paper Points Medium/Large Red Pack - ML3
815-1575	TF Adaptive Paper Points Small Asst Pack - SM2, SM3
815-1576	TF Adaptive Paper Points Med/L Asst Pack - ML1, ML2, ML3



AUTOFIT PAPER POINTS

Paper Points are rolled to exact specifications and provide absorbency for your root canal preparation.

Developed by Dr. L. Stephen Buchanan, Autofit Paper Points are an integral part of the Autofit system. Various sized tapers are color coded for easy identification.

GREATER TAPER PAPER POINTS

PKG OF 100

Taper	Part #
.12	972-0115
.10	972-0114
.08	972-0113.04
.06	972-0112
.04	972-0111
Assorted	972-0110



ENDORING

A convenient way to hold endodontic instruments and canal lubricant during a procedure. The EndoRing features an easy-to-read ruler with rubber stop port, allowing quick measurements of files up to 30mm (at 1 and .5mm increments) for both right- and left-handed clinicians.

FEATURES AND BENEFITS

- EndoRing Measuring Device (with 3 sizes of rings)
- Nondisposable Gel Well
- Disposable Gel Wells
- Foam Inserts

EndoRing Kit	825-0049
Foam Inserts (48 pieces – 24 blue/24 yellow)	825-0050
Disposable Gel Wells (24 pieces)	825-0051

SlickGel™ ES

SLICKGEL ES*

SlickGel ES is a specially formulated canal lubricant used to aid in the negotiation of root canals. SlickGel ES is composed of a water-soluble base containing urea peroxide and an aqueous solution of EDTA. The SlickGel ES canal lubricant is packaged in single-use 1ml MicroDose polytubes that cut open easily. Twelve SlickGel polytubes per pack.

SlickGel ES pack (12 MicroDose polytubes - 1ml ea) 973-1015

*Not available in the EU



SMEARCLEAR™*


Successful endodontic therapy demands a clean and clear root canal system. SmearClear's enhanced EDTA formulation addresses this issue by removing the smear layer.

SmearClear Liquid Refill 973-1002

*Not available in the EU



ULTRASONICS



Kerr Endodontics offers ultrasonic tips that allow the clinician to perform a wide variety of delicate endodontic procedures.

ULTRASONIC TIP INTRODUCTORY KIT*

Starter Tip Kit contains one each SP-2, Scaler, CT-4 and Diamond-Coated CT-4

Ultrasonic Tip Introductory Kit

973-1000

*Not available in the EU



THE "4" SERIES*

The "4" Series is geared for troughing around posts and opening calcified canals.

CT-4 Straight-line tip. Our most popular and robust "4" Series Tip. Use at power level 4-6.	973-0057
◆ CT-4 Diamond coated.	973-1057
UT-4 Straight-line tip. Use at power level 2-3.	973-0039
◆ UT-4 Diamond coated.	973-1039
SJ-4 Straight-line tip. Use at lowest power level.	973-0041

*Not available in the EU

SPREADER TIPS*

Longer than our “4” Series, Spreader Tips are designed for troughing around posts or breaking open a calcification; and can also be used to help retrieve separated files that are stuck in the apical third of the canal. Use at a very low power level.

- SP-1 Small Spreader Tip 973-0063
- SP-2 Medium Spreader Tip 973-0065
- ◆ SP-2 Diamond coated 973-1065
- SP-3 Ultra-Fine Spreader Tip 973-0067

*Not available in the EU



CT TIPS*

Surgery is initiated with the “1” tip and followed by the “2” or “3”, depending on tooth position.

Strength: High
 Tips: Somewhat bulky, used in wide preps
 Visibility: Moderate
 Water port: Yes

UT TIPS*

Strength: Moderate
 Tips: Moderate size, can access most areas
 Visibility: Good
 Water port: Yes

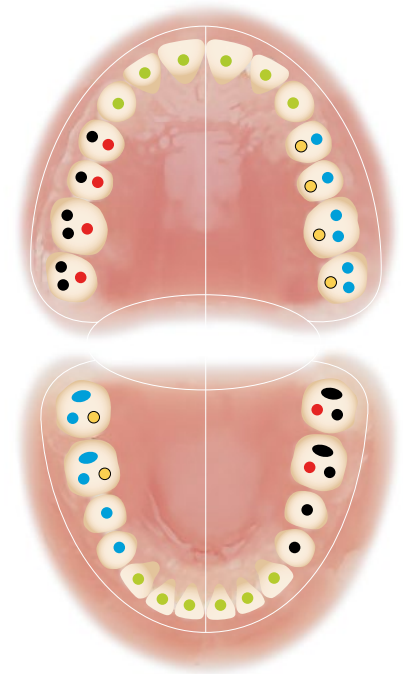


- CT-1 Initiating Tip – a straight-line tip with 90° angle used to initiate the preparation. 973-0059
- ◆ CT-1 Diamond coated. 973-1059
- CT-2 Main Right Tip - angled tip for use on upper right and lower left to complete the preparation. 973-0053
- ◆ CT-2 Diamond coated. 973-1053
- CT-3 Main Left Tip - angled tip for use on upper left and lower right to complete preparation. 973-0055
- ◆ CT-3 Diamond coated. 973-1054

*Not available in the EU

- UT-1 Initiating Tip – a straight-line tip with 90° angle used to initiate the preparation. 973-0033
- UT-2 Universal Right Tip – an angled tip for use on upper left and lower right to complete the preparation. 973-0035
- UT-3 Universal Left Tip – an angled tip for use on upper left and lower right to complete the preparation. 973-0037

*Not available in the EU



KiS TIPS*

The KiS microsurgical ultrasonic tips are diamond coated and designed for endodontic microsurgery. The longer shafts and increased angles are designed for improved access.

The colors on this illustration match corresponding colors on recommended tips as shown.

- ◆ KiS-1D Angled 80° at the working end, this instrument is a general purpose tip for use on anterior and posterior areas – 0.5 mm diameter x 3.0 mm cutting surface. 973-1021
- ◆ KiS-2D Similar to the KiS-1D, this instrument is for larger diameter roots – 0.7 mm diameter x 3.0 mm cutting surface. 973-1022
- ◆ KiS-3D This double-angled 75° instrument is for use on the buccal root of the mandibular right molar and mesial buccal of the maxillary left molar – 0.5 mm diameter x 3.0 mm cutting surface. 973-1023
- ◆ KiS-4D This double-angled 110° instrument is for use on the lingual root of the mandibular left molar and distal buccal of the maxillary right molar – 0.5 mm diameter x 3.0 mm cutting surface. 973-1024
- ◆ KiS-5D A mirror image of the KiS-3D, this instrument is for use on the buccal roots of the mandibular left molar and mesial buccal of the maxillary right molar – 0.5 mm diameter x 3.0 mm cutting surface. 973-1025
- ◆ KiS-6D A mirror image of the KiS-4D, this instrument is for use on lingual roots of the mandibular right molar and distal buccal of the maxillary left molar – 0.5 mm diameter x 3.0 mm cutting surface. 973-1026

*Not available in the EU



BK-3 TIPS*

Our BK-3 surgical tips have three bends designed to improve access to preparations, including MB2 canals. Water is delivered down the three bends directly to the surgical site. Use at low power levels.

- BK3-R Upper right, lower left. 973-0110
- ◆ BK3-R Diamond coated. 973-1110
- BK3-L Upper left, lower right. 973-0112
- ◆ BK3-L Diamond coated. 973-1111

*Not available in the EU



BUC TIPS*

- ◆ BUC-1 973-0401
- ◆ BUC-1A 973-0406
- The BUC-1 and BUC-1A can be used for gross dentin removal, moving access line angles, cutting a groove in the mesial access wall to drop in to MB2 canals, and for unroofing pulp chambers. Helpful in finding reclusive MB2s.
- ◆ BUC-2 973-0402
- ◆ BUC-2A 973-0403
- The BUC-2, with its disk-like radiused tip, can be used to plane attached pulp stones from the pulp chamber floor. In molars, it can be used to horizontally smooth the pulp chamber floor to get to the darker-colored dentin. Can be used for corners of molar access prep and bicuspid access prep.
- ◆ BUC-3 973-0404
- ◆ BUC-3A 973-0407
- The BUC-3 and BUC-3A are extremely active instruments with sharp tips. They are used for chasing canals halfway up a root or for digging around a post or carrier-based obturator to remove it. The water port is placed near the cutting surface of the tip. Use only at lowest power level.

*Not available in the EU

CPR TIPS*

- CPR-1 973-1031
- The CPR-1 is used for vibrating posts and cores and as an aid in crown and bridge removal. The working length is 17.0mm
- ◆ CPR-2D 973-1032
- The CPR-2D has a contra-angled head and durable shape for removal of core materials.
- ◆ CPR-3D 973-1033
- ◆ CPR-4D 973-1034
- ◆ CPR-5D 973-1035
- Use for troughing around posts, chasing calcified canals, elimination of obstructions, and removal of broken instruments. The working lengths are 17.0 mm for CPR-3D; 19.0 mm for CPR-4D; and 24.0 mm for CPR-5D
- CPR-6 973-1011
- CPR-7 973-1012
- CPR-8 973-1013
- These instruments are made of titanium alloy. These titanium alloy instruments are generally used in the mid and apical portion of the root with illumination and magnification. These instruments are end cutting only and are commonly used to ditch around broken files, aiding in their removal. Use at low power level.

*Not available in the EU



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ENDODONTICS