

tün Ultrasonics

endodontic[®]
SOLUTIONS

ActaSONIC[™]

J.S. IRRIGATOR[™]

ENDOSCOUT[™] FLEX

engineered
endodontics[®] +



CATALOG 2025



ESVAC

E.S. GEL[®]

ActaCal

Finishing

FRR FILE RETRIEVAL
& RETREATMENT

FILPIN Files[™]

IRRIGATOR[™]

FILPOST

EngineeredEndo.com • Filhol.com • EndodonticSol.com • TunUltrasonics.com

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engineered endodontics®

CATALOG 2025



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4965 N. Campbell Drive | Menomonee Falls, WI 53051
(833) 867-3636

EngineeredEndo.com | Filhol.com | EndodonticSol.com | TunUltrasonics.com



- Unique Design
- Water Port
- Medical-Grade Stainless Steel

Replace your expensive tips (BUC, TUFI, SINE, ProUltra) without sacrificing quality or performance.

tün® Endodontic Ultrasonic Tips are made from all stainless steel, providing the strength and durability that our clinicians have come to rely on with every procedure. Their unique design allows for greater radial tip movement and control than conventional ultrasonic tips.

7mm of diamond coating, hardened by a special Duracoat™ abrasive empowers tün® with exceptional cutting performance.

All tün® tips come in both 3mm x 0.6mm (Satelec thread style) as well as 3mm x 0.5mm (EMS thread style), and fit endodontic ultrasonic units from all leading manufacturers, including:

- ADEC
- Dentsply/Tulsa
- NSK
- Satelec Units
- Vista
- ASI
- J. Morita
- Obtura Spartan
- Sybron Endo
- Woodpecker



TUN-E \$29.99 each



TUN-E \$25.00 each



TUN WRENCH \$10.00 each

For easier removal of tün® tips.





- Medical-Grade Stainless Steel
- Duracoat Diamond Plating
- Water Port



More clinicians are choosing Tün® Restorative Tips for pinpoint accuracy in the preparation and finishing of the dentinal shoulder, and their ability to create a finer, more precise margin than other instruments.

As with all Tün® Ultrasonic Tips, our Restorative line features water ports, medical-grade stainless steel construction, and a fine, electroplated diamond coating for consistent and precise shaping.

Power Settings: We recommend starting at very low power (10%-20%) and adjust as needed.

Versatility and Compatibility

All tün® Ultrasonics are also available with either standard 3mm x 0.6mm threads, or 3mm x 0.5mm EMS threads, and are compatible with all endodontic handpieces on the market, including:

- Vista
- P5
- NSK
- Sybron Endo
- Obtura Spartan
- J. Morita
- Dentsply/Tulsa



TUN-R \$29.99 each



TUN-R-1 ♦
Taper: 1mm x 1.4mm



TUN-R-2 ♦
Taper: 1.3mm x 1.7mm



TUN-R-3 ♦
Working Diameter: 1.1mm



Exact dimensions as other tips
on the market at a fraction of the price.
Compare to Dentsply, Kerr, KiS,
Obtura, and ProUltra tips and save!

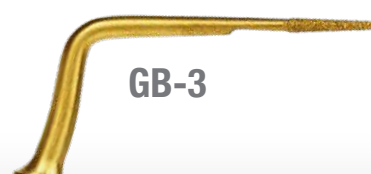
B-Line **\$64.99** each Dimensionally identical to BUC tips.



GB-1



GB-2



GB-3



GB-1A



GB-2A



GB-3A

C-Line **\$64.99** each Designed for retreatment with exact specs to CPR tips.



GC-5D



GC-4D



GC-3D



GC-2D



GC-1

K-Line **\$69.99** each Dimensionally identical to KiS tips.



GK-1D



GK-2D



GK-3D



GK-4D



GK-5D



GK-6D

FRR *FILE RETRIEVAL & RETREATMENT*



FRR titanium retrieval tips feature flexibility and strength for removal of canal obstructions, separated instruments, and aiding in retreatments.

- Provides all the features and benefits of CPR and Endo tips, but at **HALF THE COST!**
- Are extremely thin and active tips.
- Can work deep in the canal to remove obstructions, instruments, and retreatments.
- Will hold their bend in the canal.
- Flexibility allows you to navigate curves with ease.
- Features water ports for wet or dry operation.

Available in 3 working lengths: 20mm, 24mm, and 27mm

Available with or without diamond-coated tips.



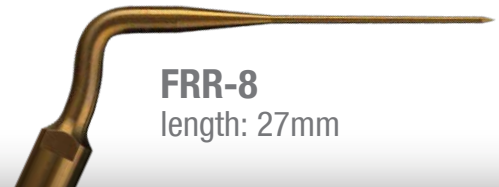
FRR \$64.99 each



FRR-6
length: 20mm



FRR-7
length: 24mm



FRR-8
length: 27mm

FRR-D \$69.99 each



FRR-6D 
length: 20mm



FRR-7D 
length: 24mm



FRR-8D 
length: 27mm

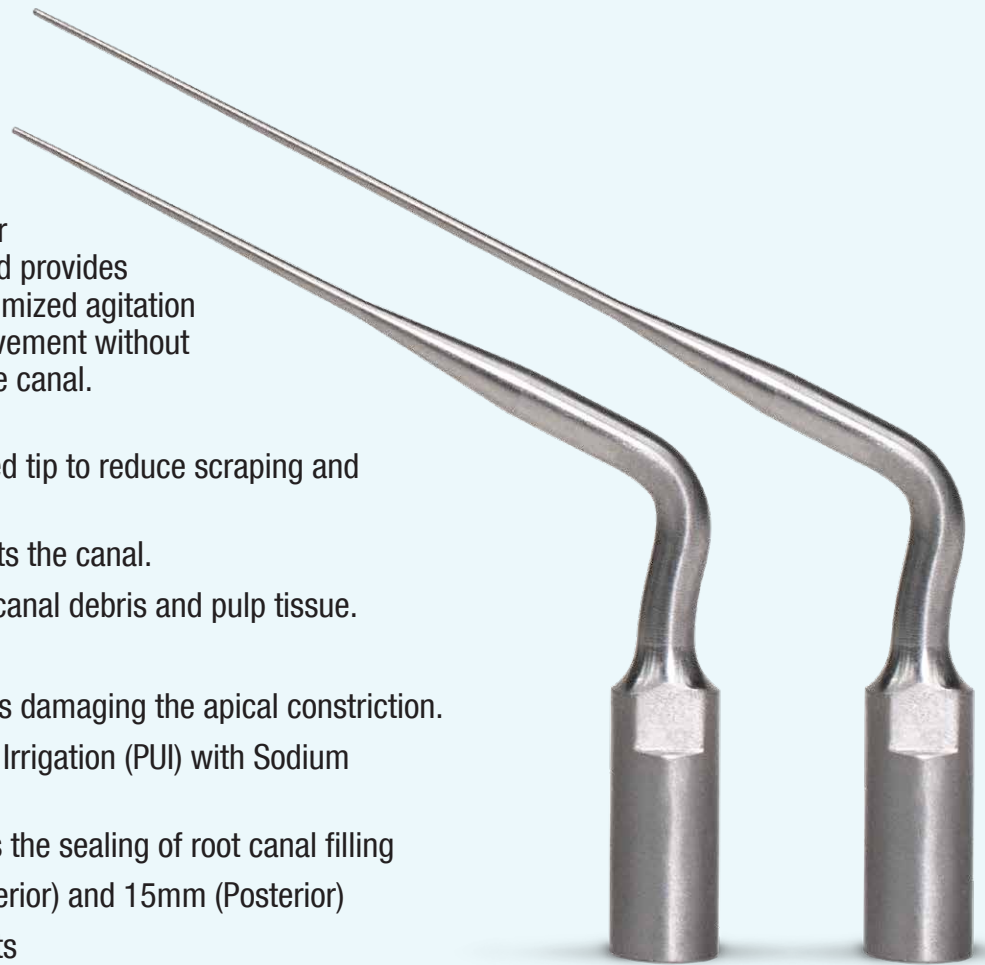
ActaSMSonic

Titanium Irrigation/Agitation Tip



ActaSonic Irrigation Tip is a solid single piece titanium tip for easy navigation of the canal, and provides maximum tip movement for optimized agitation of canal debris and solution movement without removing dentin or enlarging the canal.

- Safe-end design has a rounded tip to reduce scraping and ledging in the canal.
- Efficiently cleans and disinfects the canal.
- Efficient removal of bacteria, canal debris and pulp tissue.
- Microcavitation in fluids.
- Non-cutting rounded tip avoids damaging the apical constriction.
- Use during Passive Ultrasonic Irrigation (PUI) with Sodium Hypochlorite
- Research shows PUI improves the sealing of root canal filling
- Working length of 25mm (Anterior) and 15mm (Posterior)
- Works on Piezo ultrasonic units



ActaSonic Irrigation Tip **\$29.99** each



TUN-AS-AN
length: 25mm



TUN-AS-PO
length: 25mm

ENDOSCOUT™



Safe-End "Z Style" Bur

Tungsten Carbide Safe-Ended Endodontic Bur with friction grip connection (FG), designed for lateral endodontic access enlargement without the risk of penetrating the pulp chamber floor or ledging.

(Compare to Dentsply Z* Bur and SAVE)

Multi-Use Bur

Introducing the versatile EndoScout Multi-Use Bur, made of Tungsten Carbide, ideal for a range of procedures including initial access, sectioning of impacted molars, cutting teeth at root level, and root separation and amputation.

(Compare to Dentsply Multi-Purpose* burs and SAVE)

Diamond Access Burs

Stainless steel friction grip (FG) burs incorporating an optimized diamond grit coating designed to minimize gouging while offering effective performance.

(Compare to Dentsply and SAVE)



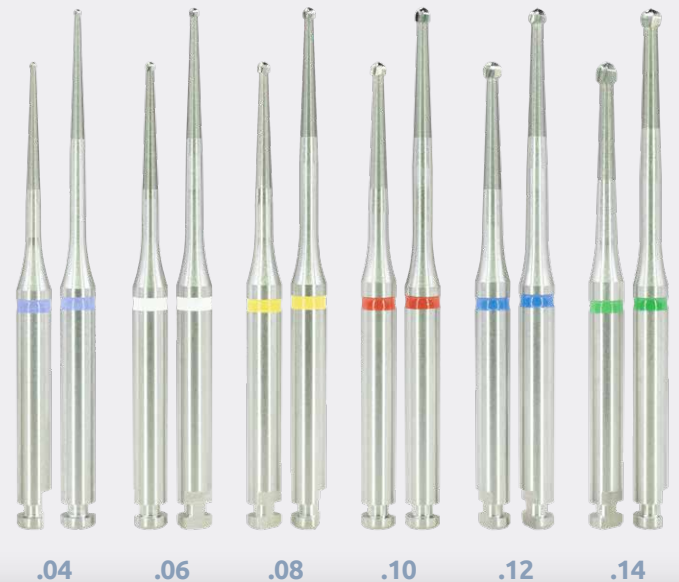
#2 #4 #6

Troughing Burs

The **carbide cutting head and neck** preserve shaft stiffness during troughing, eliminating the worry of going out of center, which can happen with stainless steel neck troughing burs.

Used for accurate locating of all canal openings, isthmuses, and caries-removal, EndoScout's long, narrow diameter neck design and minimally-invasive, petite, round bur allow for an unobstructed view past the instrument into the access cavity.

Available in 31mm and 34mm lengths.



.04 .06 .08 .10 .12 .14

Burs



**Multi-use
ESBM**
length: 25mm
\$21.99
3-Pack



**"Z Style"
ESBZ**
length: 25mm
\$21.99
3-Pack



**Access
ESB**
length: 21mm
\$21.99
3-Pack



**Troughing
ESTB**
lengths: 31mm, 34mm
sizes: .04, .06, .08, .10, .12, .14
\$49.99
4-Pack



Maximized Inner Diameter
*for ease of placement
and material flow.*

Minimized Outer Diameter
*to reach working
length.*



Overfill injuries during endodontic root canal therapy have been attributed to the use of inappropriate needle delivery of commonly used canal medicaments ^[1]. The use of inter appointment medications (i.e. calcium hydroxide) and hydraulic condensation obturation materials (bioceramic cements) present the potential of extruding highly alkaline and caustic chemicals beyond the apex. These overfill injuries expose the patient to both chemical and compressive morbidity as the expressed material occupy the vulnerable neurovascular anatomy ^[2].

3DPD tips have been scientifically designed to reduce the consequences of canal paste overfills. 3DPD Tips with their closed-end dual side port design eliminate the possibility of apical extrusion, while allowing for easy placement of viscous materials.

Proprietary Metallurgy

Provides maximum flexibility, for ease in negotiating canals; cannula will not crimp, like polymer paste delivery tips.

Dual-Port, Closed-End Design

Eliminates pressure of materials downward from apex-providing a lateral 360° fill of canal, minimizing overfill.

Pre-Bent, High-Quality, Winged Hubs
*for easy syringe
attachment and
detachment.*

Low-Dead-Space Hubs
*minimize waste of pastes
and sealers-reducing
waste by 80% over
other tips.*

**Patent Pending*

3DPD \$54.99 50 tips/cup

PDT-50

ActaCal™

Calcium Hydroxide PASTE



ActaCal Paste is an industry-leading, high-concentration (45%), calcium hydroxide, antibacterial treatment paste.

With best-in-class concentration of calcium hydroxide, ActaCal provides long-lasting hydroxyl and calcium ion release exhibiting a high PH value (>12) which has a pronounced bactericidal effect, i.e killing of bacteria.

ActaCal comes with specially designed closed-end paste delivery tips for direct, one-handed delivery into the root canal. Closed-end needles prevent dispensing beyond the apex.

Indications:

- Intra-canal medicament for 2-step endodontic root canal therapy
- Indirect pulp capping or management of deep caries lesions
- Direct pulp capping

Features and Benefits:

- Reduces hypersensitivity of dentine
- 45% Calcium Hydroxide
- High pH (>12)
- Radiopaque
- Easy to remove
- Time-saving safe direct application utilizing specially designed paste delivery tips
 - 2-Side-Vent Needle – Visible, 3D controlled placement
 - Closed-end Needle – Prevents extrusion beyond apex

Composition:

- Calcium hydroxide, demineralized water, barium sulfate, polyethylene glycol, and hydroxypropyl methoxycellulose

Technical Data

Consistency	Smooth, white and 30-40 mm
Film Thickness	< 20um
Setting Time	30-35 min
pH	11-13
Radiopacity	5mm



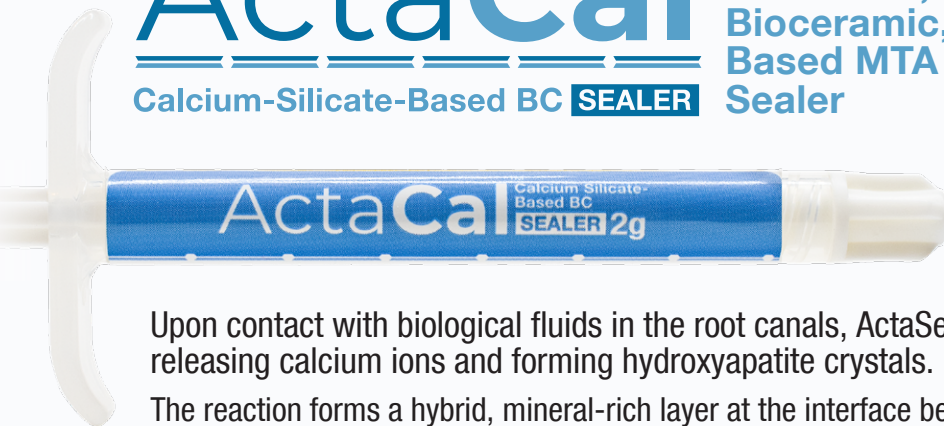
ActaCal Paste \$29.99 2 syringes
ACP



ActaCal™

Calcium-Silicate-Based BC SEALER

Pre-mixed, Bioactive,
Bioceramic, Calcium-Silicate-
Based MTA Root Canal
Sealer



Upon contact with biological fluids in the root canals, ActaSeal undergoes a hydration reaction, releasing calcium ions and forming hydroxyapatite crystals.

The reaction forms a hybrid, mineral-rich layer at the interface between the sealer and the dentin, creating micro-mechanical anchorage and strong adhesion. With outstanding adhesive properties, high biocompatibility, negligible shrinkage, and high purity, this bioactive mineral formulation offers significantly greater long-term success than other obturation techniques.

	Calcium-Silicate- Based (>15%)	Radiopacity (mm Al)	Solubility (%)	Flow (mm)	Set Time	Price (\$/gram)
ActaCal Sealer Endodontic Solutions	Yes	7	<1.0	>17	3.5 hrs	\$22.50
Endo Sequence BC Brasseler	Yes	7	2.9	23.1	< 24 hrs	\$80
Edge BC Edge Endo	Yes	6	<3	23.2	< 24 hrs	\$64
Dia Root BIO DiaDent	No	8	1.0	22	< 24 hrs	\$32.50
CeraSeal BC MetaBiomed	No	8	>3	23	< 24 hrs	\$65
ReGen BA EnoSealer Vista Apex	No	8	1.0	23.4	< 24 hrs	\$42.50
NeoSealer Flo Avalon Biomed	Yes	6	<3	>17	< 24 hrs	\$51.50
AH Plus BC Dentsply Sirona	No	9	1.4	21.3	< 24 hrs	\$50
BioRoot Flow Septodont	Yes	6	1.5	23.2	< 24 hrs	\$54

*Information acquired from published advertisements of Vista Apex, Dentsply, Dia Dent.
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ActaCal Sealer \$49.99 each
ACS



"I have been using ActaCal Sealer from Engineered Endodontics for the past few months and I am extremely pleased with the results. I find this sealer to have the perfect consistency to flow within the canal system, without causing unnecessary overfill. Biocompatibility, setting time and radiopacity are also great features of ActaCal Bioceramic Sealer!"

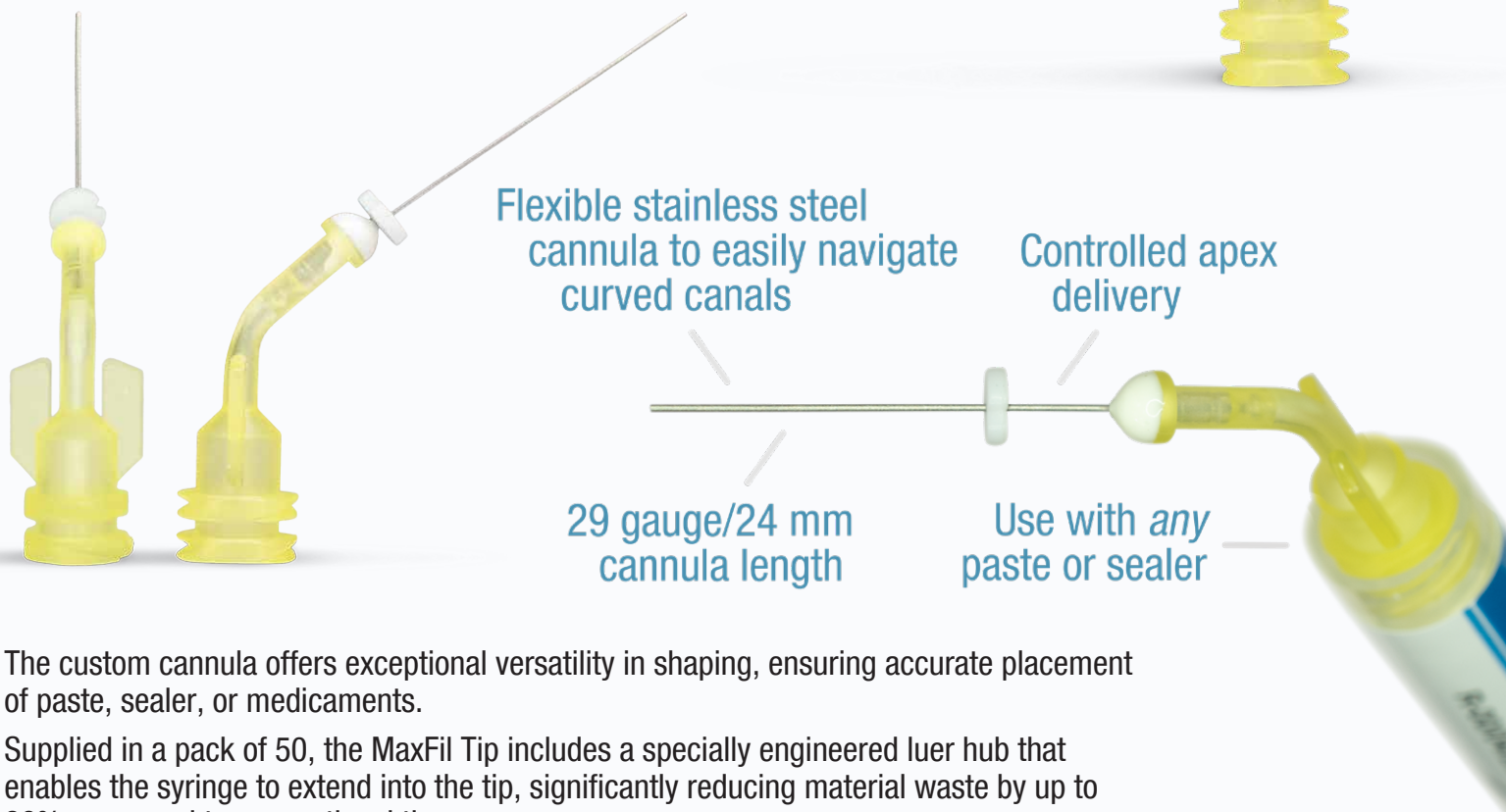
— Nestor Cohenca, DDS, FIADT

MaxFil™

Paste/Sealer Delivery Tip



The MaxFil Paste/Sealer Delivery Tip features a genuine 29-gauge/24mm design, ideal for traditional paste delivery in MIE cases and apical applications. Its blunt end facilitates safe and effective use.



The custom cannula offers exceptional versatility in shaping, ensuring accurate placement of paste, sealer, or medicaments.

Supplied in a pack of 50, the MaxFil Tip includes a specially engineered luer hub that enables the syringe to extend into the tip, significantly reducing material waste by up to 80% compared to conventional tips.

MaxFil Paste/Sealer Delivery Tip

\$54.99 (50 tips/cup)



MAPD50
length: 24mm
gauge: 29

IRRIGATOR™



IrriGator™ Plus, Pro, and Premium Irrigation Tips deliver the same clinical performance as other top rated irrigating tips, but at a substantially lower cost.



PLUS

Straight 25mm Bendable Single Port Irrigating Tips

- Same performance as **Max-i-Probe**, **ProRinse**, and **Vista-Probe** tips at **45% LESS!**
- Luer lock hub threads to lock tip in place for increased safety.
- Closed-end tip for side-port reducing risk of expressing chemicals past the apex.
- Provides ideal reach in the canal.
- Flexible, cannula with an anti-obturating end.
- Available in 27-gauge and 30-gauge sizes.
- Tips come individually wrapped and pre-sterilized.



PRO

Straight 25mm Bendable Dual Port Irrigating Tips

- Same performance as **Endo-Eze** irrigating tips for **40% LESS!**
- Luer lock hub threads to lock tip in place for increased safety.
- Closed-end tip for side-port reducing risk of expressing chemicals past the apex.
- Provides ideal reach in the canal.
- Flexible, cannula with an anti-obturating end.
- Available in 27-gauge and 30-gauge sizes.
- Tips come individually wrapped and pre-sterilized.



PREMIUM

Pre-Bent Dual Port Irrigating Tips

- Same performance as **NaviTip** irrigating tips for **45% LESS!**
- Dual side ports deliver irrigants safely; which minimizes the potential for chemicals being expressed past the apex of the canal.
- 30-gauge cannula allows for easier navigation through canals
- Tips are bendable at the pre-bent point for easier access to canals
- Available in 22mm & 26mm lengths



IrriGator Flex is an all-polymer cannula irrigation needle that provides dynamic flexibility for easy navigation of canals, without the worry of ledging or kinking the cannula. IrriGator Flex tips feature twin openings (dual port) for superior irrigating performance, at a lower cost point than other polymer tips on the market.

IrriGator Flex is 27mm in length, and features a 0.3mm tip opening.

Available in cups of 40.

IrriGator Tips



Flex
IRF40
length: 27mm
\$44.99
Pack of 40



Plus
ESITPL
length: 25mm
\$49.99
Pack of 100



Pro
ESITPR
length: 25mm
\$59.99
Pack of 100



Premium
ESIT30
30-gauge
\$49.99
Pack of 50

J.S. IRRIGATOR™

(Disposable Stropko®)



Inspired by the air water delivery device developed by Dr. John Stropko, the JS IrriGator is the disposable variant for an always-ready, affordable alternative.

For precise control of air and/or water in any dental procedure (bridge, crown, endodontics, implant, periodontic, restorative, surgical, etc.) that requires irrigation or drying during the process. The disposable JS IrriGator is useful when precision & control of the irrigation is essential; such as procedures with the Surgical Operating Microscope (SOM). Use in every dental procedure to assure a gentle and effective stream of water and/or air for superior and efficient cleaning or drying of any surface or working area. Always have one at the ready with our affordable disposable version.

50 disposable JS IrriGators per bag with pre-bent needle tip already attached.

Product advantages:

- Accurate, fine stream of water
- Adapts to most air/water dental syringes
- Clean & dry with confidence
- Eliminates splashing
- Enhances micro adhesion
- Enables air-thinning of deep resin
- Ergonomic and easy to use
- Essential for microscope use
- Multi-disciplinary use
- Never be without an IrriGator when you need it
- Regulated, gentle air pressure
- Uses a large variety of tips



J.S. IrriGator **\$39.99** 50-Pack



JSIR

Available sizes: 18-gauge, 20-gauge, 22-gauge



EFFECTIVE + SAFE NEGATIVE PRESSURE IRRIGATION SYSTEM



An effective, safe, single-hand operation, TRUE Negative Pressure System for the canal is finally here!

E.S. Vac provides safe root canal irrigation and peace of mind. Over a decade of research has proven that apical negative pressure irrigation can prevent against a hypochlorite accident due to significantly lower apical debris extrusion when compared to conventional irrigation¹. ES Vac uses suction to pull irrigants down the canal of the tooth and safely out of the canal via the suction dual port cannula.

Not only is E.S. Vac simple and safe to use, it is also clinically proven to be better for your patients. Apical negative-pressure irrigation with ES Vac can achieve significantly better root canal cleaning at the apical third in less exposure time than traditional positive-pressure irrigation². Additionally, research shows that patients have less post-op pain when negative pressure irrigation is performed during their root canal therapy^{3,4}.

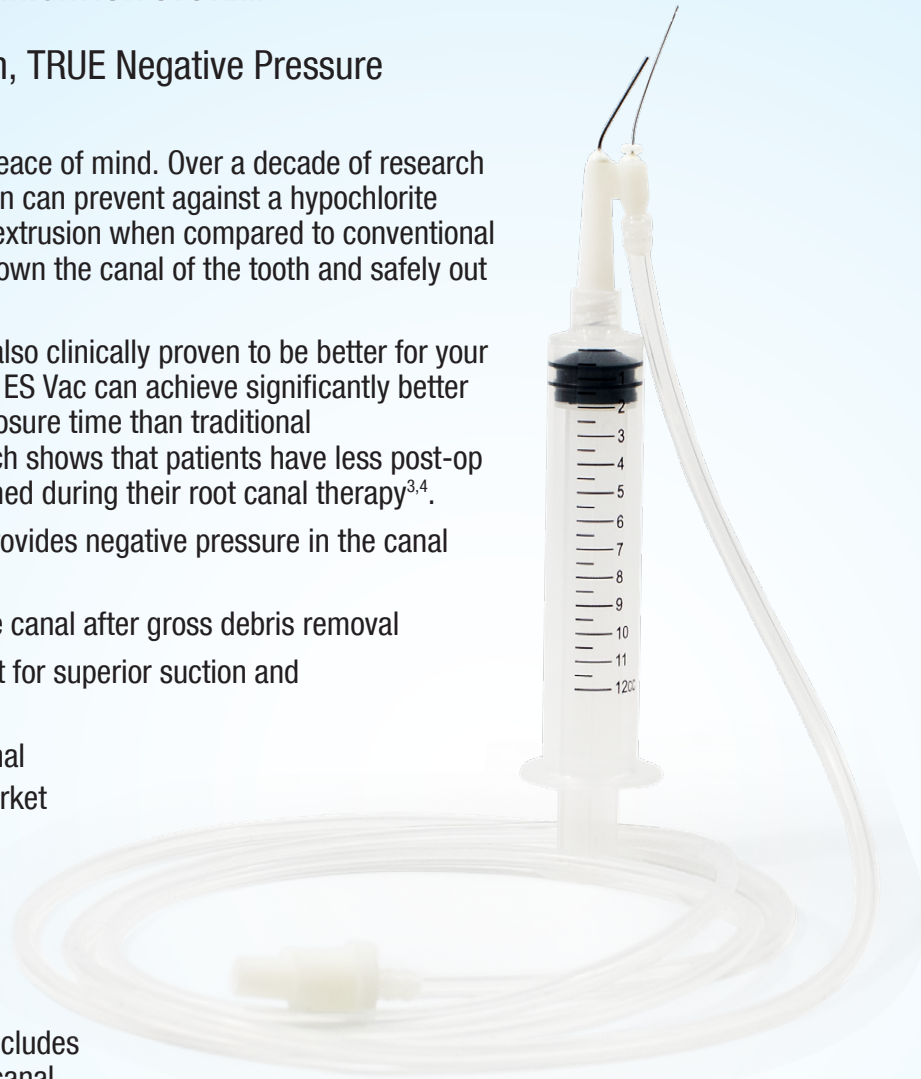
The E.S. Vac single-hand-operated instrument provides negative pressure in the canal utilizing the clinician's existing vacuum

E.S. Vac is to be used as the final irrigation of the canal after gross debris removal

All suction needles are closed-end, dual side port for superior suction and debris removal in final irrigation of canal

- Balanced design keeps from overflowing canal
- Highest suction rate of any device on the market
- Sold in packs of 10 kits at an ultra-low price, keeping per-treatment costs down
- No confusing attachments or extra parts to figure out. Just fill the syringe, plug in suction connector and clean!

ES Vac is the **ONLY** product on the market that includes **EVERYTHING** you need to successfully irrigate a canal, all for just \$8.95 per kit!



¹ Barbosa-Ribeiro M, Arruda-Vasconcelos R, Fabretti FL, Silva EJNL, De-Deus G, Gomes BPFA. Evaluation of Apically Extruded Debris Using Positive and Negative Pressure Irrigation Systems in Association with Different Irrigants. Braz Dent J. 2018 Mar-Apr;29(2):184-188. ² Heilborn C, Reynolds K, Johnson JD, Cohenca N. Cleaning efficacy of an apical negative-pressure irrigation system at different exposure times. Quintessence Int. 2010 Oct;41(9):759-67. ³ Topcuoglu HS, Topcuoglu G, Arslan H. The Effect of Apical Positive and Negative Pressure Irrigation Methods on Postoperative Pain in Mandibular Molar Teeth with Symptomatic Irreversible Pulpitis: A Randomized Clinical Trial. J Endod. 2018 Aug;44(8):1210-1215. ⁴ Gondim E Jr, Setzer FC, Dos Carmo CB, Kim S. Postoperative pain after the application of two different irrigation devices in a prospective randomized clinical trial. J Endod. 2010 Aug;36(8):1295-301.

E.S. Vac \$89.50 10 Complete Kits



ESVAC

Available Sizes: 23-gauge, 27-gauge, 30-gauge

Kit Contains **EVERYTHING** you need to successfully irrigate the canal:

- Suction connector
- Suction hose
- 12ml syringe
- Delivery/suction needle device



- Size: 20
- Taper: 0.04mm
- Available Lengths: 21, 25, 31mm



“Rinse and stir. It doesn’t get any easier to clean and disinfect a canal.”

– Dr. Rich Riehm

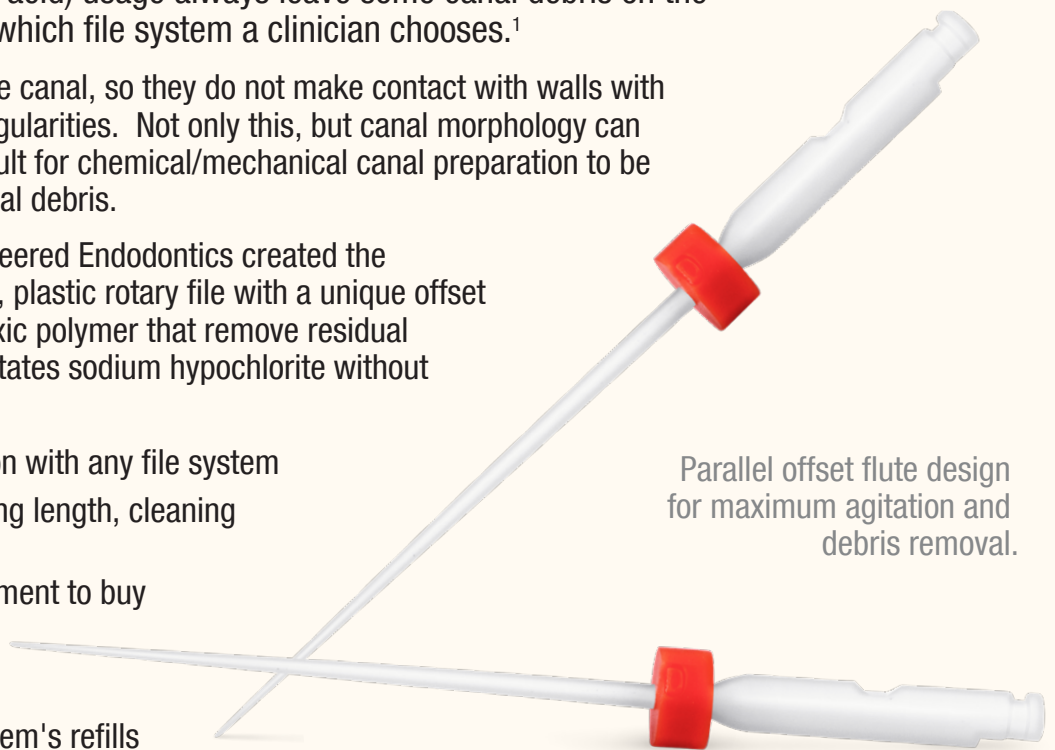
Conventional endodontic treatments with sodium hypochlorite (NaOCL) and EDTA (ethylenediaminetetracetic acid) usage always leave some canal debris on the dentinal walls, no matter which file system a clinician chooses.¹

NiTi files stay centered in the canal, so they do not make contact with walls with various invaginations or irregularities. Not only this, but canal morphology can be complex, making it difficult for chemical/mechanical canal preparation to be effective in removing all canal debris.

To solve these issues, Engineered Endodontics created the Finishing File—a single-use, plastic rotary file with a unique offset flute design made of non-toxic polymer that remove residual dentinal wall debris, and agitates sodium hypochlorite without further enlarging the canal.

- Can be used in conjunction with any file system
- Goes all the way to working length, cleaning the crucial Apical 1/3
- No extra/expensive equipment to buy
- Use with any irrigant
- No batteries required
- Costs less than other system's refills
- Only device that agitates AND extracts debris simultaneously

Parallel offset flute design for maximum agitation and debris removal.



¹ Bahcall J, Barass J. Understanding and evaluating the endodontic file. General Dentistry 2000; 48: 690-692

Finishing Files **\$10.00** 6-Pack



CF2004

Available lengths: 21mm, 25mm, 31mm



FREE syringe luer lock cap included on all bottles of solutions!



Enhanced 17% EDTA Solution

Scientifically formulated 17% EDTA with surfactant and a low pH for better chelation and hard mineral suspension.

The solution is a root canal cleanser for use in endodontic procedures to remove the smear layer and provide lubricity during instrumentation.

Application

- Removes the smear layer during and after canal instrumentation

Composition

- Ethylenediaminetetraacetic acid, Buffer, Water, Proprietary Surface Modifiers and Surfactants

Advantages

- Scientifically engineered with lower pH for optimal performance (chelation and hard mineral suspension)
- Prepares dentinal walls for better adhesion of filling materials
- Removes dentinal debris from the walls of root canals prior to obturation, making it easier to enlarge and shape the canal with files and reamers

Components

- 500 ml/17 oz bottle

Shelf Life

- Two years from production date on bottle



MADE IN THE USA!



EDTA Solution

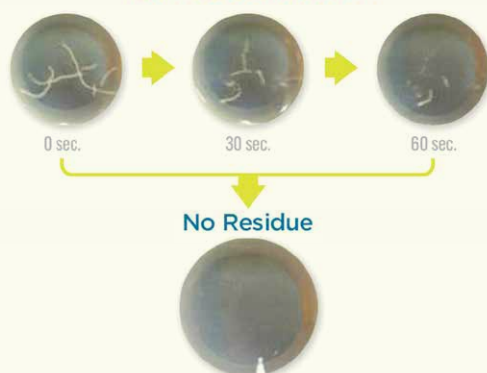
\$29.99 each

ESEDTA
500ml

E.S. GEL®



WATER SOLUBILITY

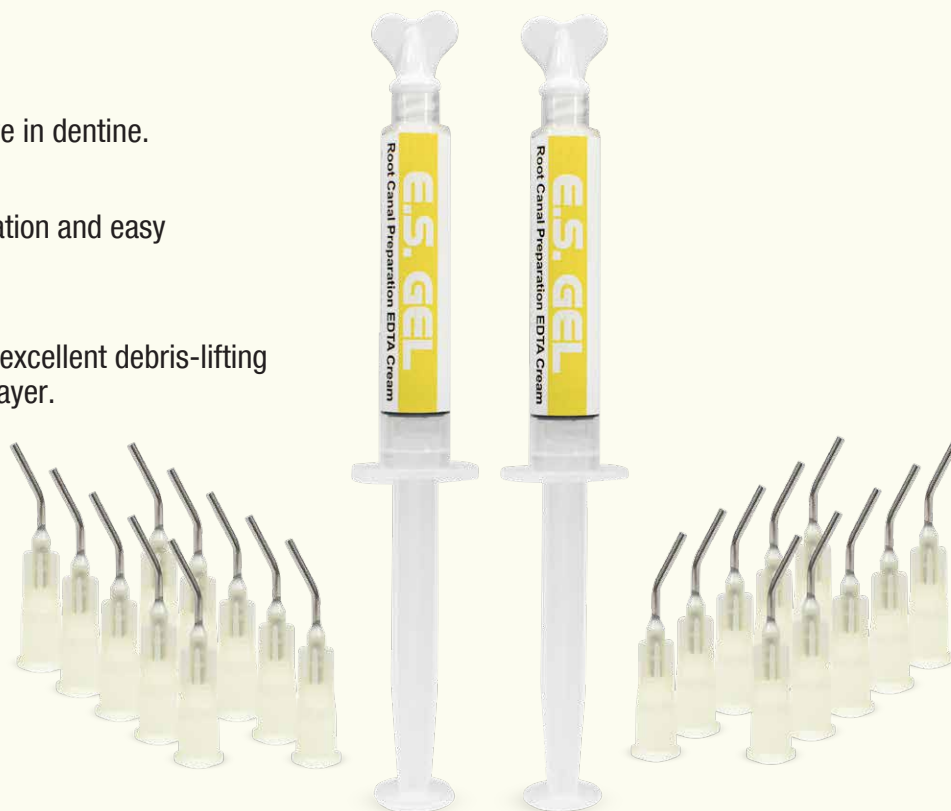


E.S. Gel root canal preparation EDTA cream acts as both a lubricant and chelating agent during canal cleaning and shaping.

E.S. Gel's formulation will not deteriorate or discolor NiTi instruments. The EDTA in E.S. Gel softens calcifications and also removes / prevents smear layer and dentine chip accumulation leaving dentinal tubules and lateral canals ready for obturation. E.S. Gel's formulation reacts with sodium hypochlorite, creating an effervescing action to lift debris coronally for simultaneous cleaning and shaping that requires no rinsing step between instrumentation and irrigation.

Features & Benefits

- E.S. Gel has a pH of 6, so it's not aggressive in dentine.
- Softens calcification for easier access.
- Gel-like consistency for long-lasting lubrication and easy application to instruments.
- Water soluble base leaves no residue.
- 17% EDTA & 10% Carbamide Peroxide for excellent debris-lifting effervescing action and removal of smear layer.
- Aids in consistent and reliable readings when used with apex locators, being specially formulated to have a low electrical conductivity.
- Premium disposable single-use syringe tips allow for superior placement in the canal and eliminate cross-contamination.



Two 6g syringes and 20 pre-bent tips included with each kit.

E.S. Gel \$24.99 2-Syringe Kit



ESG26
12 grams

Capillary Tips

Endodontic Solutions' Capillary Tip is a narrow, flexible tip that is designed to navigate canals with ease. It is intended for endodontic evacuation, but not limited to. Micro evacuation allows for quicker, easier removal of moisture from endodontic canal systems, minimizing the need to use paper points.

These Capillary Tips also are designed to more accurately deliver Sealers and other solutions such as EDTA, Ca(OH)₂ that irrigation tips can't. Tips have built in lure lock for secure attachment to syringes and are made of translucent plastic to allow visual confirmation of suction moisture or delivery of sealers and solutions.

- Internal Diameter: 0.25mm
- External Diameter: 0.55mm
- Total tip length: 45.5mm



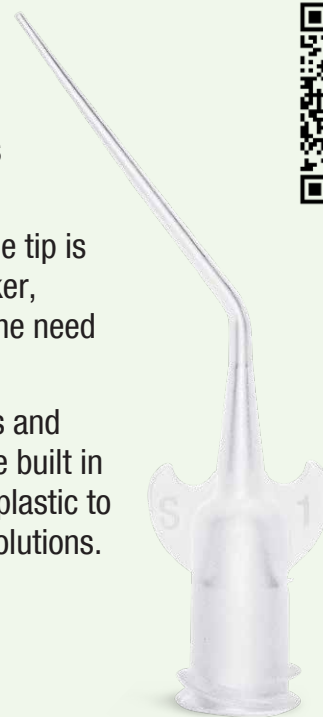
Premium Pre-Bent Low-Dead-Space Capillary Tips

Endodontic Solutions' NEW pre-bent Premium Capillary Tip features Improved wing design and Low Dead Space technology.

Intended for, but not limited to endodontic evacuation, the narrow, flexible tip is designed to navigate canals with ease. Micro evacuation allows for quicker, easier removal of moisture from endodontic canal systems, minimizing the need to use paper points.

These Capillary Tips also are designed to more accurately deliver Sealers and other solutions such as EDTA, Ca(OH)₂ that irrigation tips can't. Tips have built in lure lock for secure attachment to syringes and are made of translucent plastic to allow visual confirmation of suction moisture or delivery of sealers and solutions.

- Internal Diameter: 0.25mm
- External Diameter: 0.55mm
- Total tip length: 45.5mm



Capillary Tips

\$28.99 100-pack

ESCAP



Premium Capillary Tips

\$21.99 50-pack

PCAP

FILPIN



CR Foundation's
Best Product of 2025



FILPIN Dentine Parapulpal Retention System

FILPIN is to be considered whenever core build-up is used and less than one half of a coronal tooth structure remaining.

Bonding alone is not sufficient in many situations where minimal tooth structure is present. Pins provide anti-rotational benefit when a single post is used.

FILPIN, designed engineered to make placement easier, faster, safer, stronger. The shaft is pure titanium, biocompatible, compatible with all dental materials and will not corrode. The self-threading, self-aligning pin speeds and eases placement for self-shearing first time, every time once optimum depth is reached. After insertion FILPIN can be easily bent to suit the restoration without breaking it or the tooth. A unique thread design maximizes retention strength without causing internal stresses that may lead to cracking or crazing.



Small Pack:

- 0.021" (0.60mm) diameter pins
- Each dispenser contains 35 x FILPINs and 1 x drill head
- Small Starter Pack: contains 5 x FILPINs and 1 x drill head



Large Pack:

- 0.027" (0.76mm) diameter pins
- Each dispenser contains 35 x FILPINs and 1 x drill head

FILPIN Dentine Parapulpal Retention System



\$99.99

PIN101

Packs of 35 tips
plus 1 drill

\$17.99

PIN101

Starter Packs of
5 tips + 1 drill



\$49.99

DRI

Drill Packs of
5 drills



FILPOST Pure Titanium Posts

The FILPOST Endodontic Pure Titanium Post is the only prefabricated post retention system that can be customized to suit the restoration for root post and core build up.

FILPOST can be bent and shortened to suit the canal without risk of fracture, enabling easy insertion of multiple posts into converging canals.

- **Unique passive interlock** for strong retention, created by retention grooves along the post and retention grooves formed within the canal surface by the FILPOST Universal Groover.
- **Easy to customize to suit canal** without risk of fracture, enables two or more posts to be easily inserted into converging canals.
- **NO drilling required** avoids the risk of perforation and saves time as no need for drilling.
- **Anatomical shape** minimizes dentine removal during placement, preserves tooth structure, avoids weakening the tooth.
- **Anti-rotation vents** along entire length, relieves hydrostatic pressure during placement.
- **Micro-roughened surface** for added post retention.
- **Pure titanium** biocompatible, will not corrode, compatible with all dental materials.



Small Pack:

- 0.051" (1.3mm) diameter, 0.69" (17.5mm) length posts
- Each dispenser contains 20 x FILPOSTs plus 1 x Universal Groover

Large Pack:

- 0.065" (1.65MM) diameter, 0.87" (22MM) length posts
- Each dispenser contains 20 x FILPOSTs plus 1 x Universal Groover

FILPOST Pure Titanium Posts



\$166.99

POS

Packs of 20 posts plus
1 universal groover



\$109.99

POS121

Starter Packs of 6 posts of each size
(Large and Small) plus 1 x Universal Groover



FILPOST XP Pure Titanium Posts

Filpost XP incorporates parallel-sided passive post, raised diamond retention pattern, which provides improved resistance to rotation, improved resistance to oblique forces, and improved cement venting.

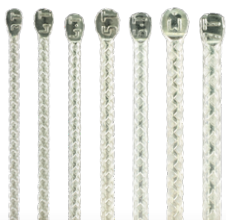
Filpost XP features the ParaPost style head designed for amalgam cores and multi-rooted teeth.



3 4 4.5 5 5.5 6 7

**More information to come.*

FILPOST XP Pure Titanium Posts



POSXP
Pack Price and
Quantities TBA

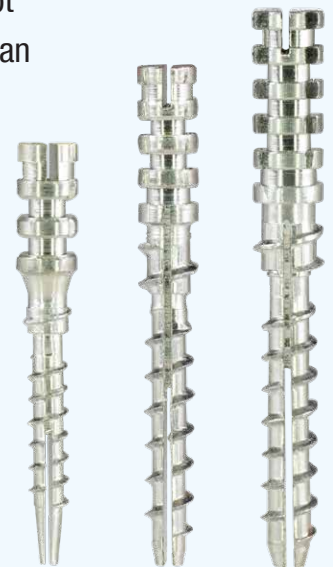


FILPOST FLEX Pure Titanium Posts

Filpost Flex split shank titanium post is unique in that the stresses of insertion are absorbed by the post (not the root) during placement.

Filpost Flex provides maximum retention with minimal stress to the root and tooth

- **The split-shank design closes upon insertion** to deliver maximum retention with minimal stress on root
- **Cuts into dentin** rather than pushing it away.
- **The head is highly compatible with Ti-Core® Ti-Core® Natural**, other composites, glass ionomers and amalgam
- **Anti rotation features** with vertical and horizontal grooves



#0 #1 #2

FILPOST FLEX Pure Titanium Posts



POSFLX
Pack Price and
Quantities TBA



4965 N. Campbell Drive | Menomonee Falls, WI 53051
(833) 867-3636

EngineeredEndo.com | Filhol.com | EndodonticSol.com | TunUltrasonics.com