

NEW!

# THE FUTURE IS

# RODIN™ 3D Resin



**Remarkable**  
Wear Resistance

**Stunning**  
Natural-like Aesthetics

**Successfully**  
Tested for  
Biocompatibility

**Regulatory Approved**  
FDA 510k/Health  
Canada/TGA Cleared



### INSURANCE REIMBURSEMENT

Filled with over 50% nano-ceramic, Rodin Sculpture and Sculpture 2.0 qualify for ceramic crown, inlay, and onlay insurance reimbursement under the new amended ADA codes, including **D2740, D2610, D2620, D2630, D2642, D2643, and D2644.**



### APPLICATION

Permanent & temporary single crowns, inlays, onlays, and veneers, denture tooth arches, all-on-x provisionals.

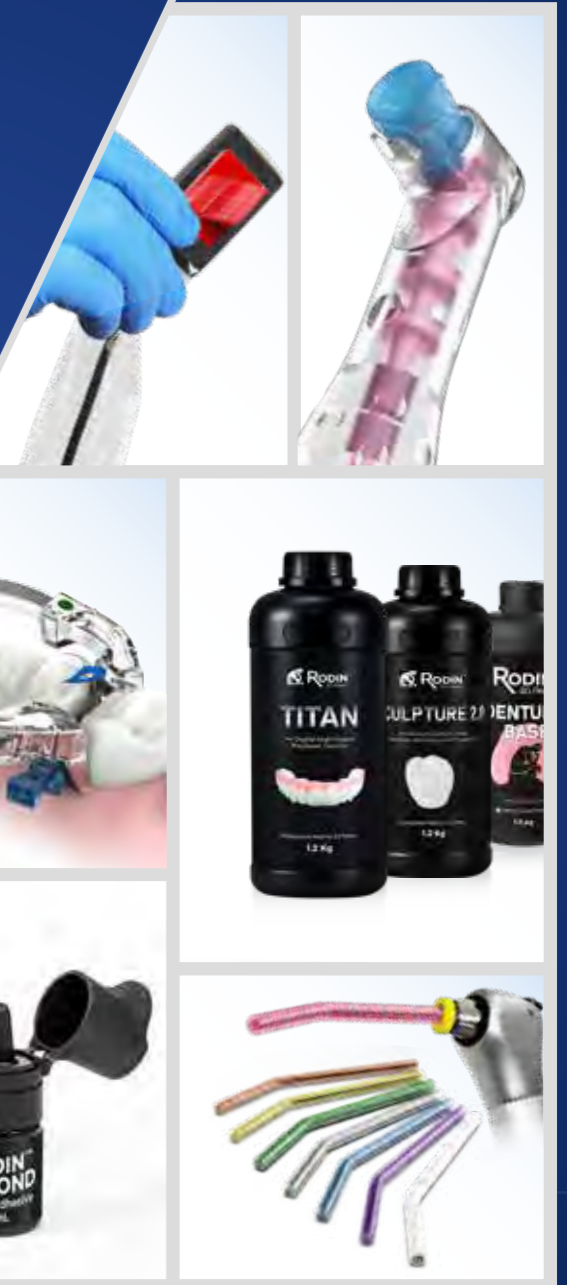


rodin-3d.com



# Innovative Dental Solutions

## 2024/2025 PRODUCT CATALOG



www.pac-dent.com

2024-2025 PRODUCT CATALOG

PAC-DENT, INC.



### PAC-DENT, INC.

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ISO 13485:2016





Our journey at Pac-Dent, Inc. began with a sheer passion for excellence. For over 32 years, this passion has been the cornerstone of our team, propelling us to drive continuous improvements and innovation that define our path.

Step by step, we have affirmed our belief in the transformative power of innovation. Our innovative approach in preventive dentistry, especially in the disposable prophy angle sector, has solidified our status as the industry pioneer. This success is the result of our strategic emphasis on continuous improvement and brand building, fueled by a passionate pursuit of excellence.

Key milestones in our journey, such as the strategic acquisition of Gingi-Pak, Inc. in 2016, and the pivotal launch of Rodin 3D materials in 2019, underscore our continuous evolution and unwavering commitment to staying at the forefront of dental technological development. These significant steps have not only expanded our capabilities but also reinforced our position as industry frontrunner.

Our commitment to innovation extends beyond traditional boundaries. In the realm of 3D nanohybrid resin materials, our products, including Rodin Titan and Rodin Sculpture 2.0, stand as testaments to our achievements. These products lead in innovation, quality and functionality, marking our impactful contribution to the digital revolution in dentistry. Our ventures into AI technologies and restorative materials like Rodin Bond and Rodin Luting Cement Universal further solidify our position as pioneers in dental solutions.

At Pac-Dent, our approach is defined by two core beliefs. First, innovation should permeate every aspect of our business – from sales and marketing to research, development, production, logistics, and customer service. Second, we embrace a scientific research attitude in all our endeavors, ensuring our methodologies are as advanced as our products, blending business acumen with R&D.

Our pursuit transcends the success of our company; it contributes to the overall progress of the dental industry. By delivering the highest quality at competitive costs, we aim to serve the international dental community, erasing borders in our mission to advance dental technologies. Our mission at Pac-Dent is not merely to contribute but to transform. We are committed to shaping a future where excellence in dental materials and devices is a global standard, advanced, efficient, and accessible to all.



## PREVENTIVE - P.3

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Scan the QR code to follow our social media for updates!

# PREVENTIVE



Disposable Prophy Angles - Prophy Paste - Prophy Paste & Ring - Hygiene Handpieces - Ultrasonic Scaler - Oral Cleansing Gel - Implant Deplaquer/Scaler Set - Sealant - Disposable Prophy Cup

## PAC-DENT PROPHY ANGLE FAMILY GUIDE



Name	AntiSplatr™	Oscillating AntiSplatr™	Mini 90™ & Mini Ergo™	ProAngle® Ergo	ProAngle® Plus
Body Size	Regular	Mini	Mini	Regular	Regular
Body Type	90 Degree	90 Degree	90 Degree & Contra	Contra	90 Degree
Cup Options	Soft, Firm	Tapered Brush, Soft, Firm	Soft, Firm, Tapered Brush	Super-Soft, Soft, Firm, Torque, Brush	Super-Soft, Soft, Firm, Torque, Brush
Description	Splatter fender removes accumulated paste and bodily fluids by up to 100%.*	<ul style="list-style-type: none"> <li>Oscillating motion reduces splatter by up to 100%.*</li> <li>Brush cup is great for orthodontic patients.</li> <li>Low profile.</li> </ul>	Compact head and slimmer profile allows for exceptional visibility and easier handling to reduce micro traumas. Available in both sterile and non-sterile versions.	The ergonomic design allows the hand and wrist to operate with less effort.	Reinforced beveled gears ensure only one angle is required for each procedure.



Name	ProAngle® Plus with Brush Cup	FUNimal Pedo™	ProAngle® EZ	ProAngle®
Body Size	Regular	Mini	Extra Long	Regular
Body Type	90 Degree	90 Degree	90 Degree	90 Degree
Cup Options	Tapered Brush, Flat Brush	Soft, Pedo Soft	Soft, Firm (E-Type, M-Type, and S-Type)	Soft, Firm
Description	<ul style="list-style-type: none"> <li>Features the same mechanical design and technology of ProAngle Plus but with flat or tapered brush cups.</li> <li>Great for orthodontic stain removal.</li> </ul>	<ul style="list-style-type: none"> <li>Features a 20% slimmer body than traditional angles, making it an ideal choice for younger patients.</li> <li>Low profile.</li> </ul>	Reduces the weight of the handpiece and eliminates the costs of cleaning and disinfection for the nose cone.	Patented 2nd generation gear design ensures each prophy procedure only requires one angle to finish.

\*Data on file.



## AntiSplatr™ Disposable Propy Angle

- Splatter fender removes accumulated paste and bodily fluids by up to 100%\*
- Helps protect against the risk of cross-contamination
- Spiral blades allow for optimum paste retention
- Optimal cup lip and flare allows for greater subgingival access
- Reinforces existing infection control protocols



**Unique Splatter Fender**

- Reduces splatter up to 100%\*
- Compact design maximizes cup access



**Optimal Cup Lip**

Allows greater flare & subgingival access



**Spiral Blades**

For optimal paste retention



**Reinforced Gear**

Ensures efficient polishing

The improved AntiSplatr Disposable Propy Angle\*\* represents an important advancement in disposable propy angle technology. This innovative anti-splatter angle features cutting-edge technology aimed at enhancing the safety and efficiency of dental professionals. It reinforces your existing infection control protocols by actively mitigating the risk of cross-contamination from splatter.

The ingeniously designed splatter fender effectively eliminates saliva, blood, and propy paste accumulation from the cup's exterior, reducing splatter by up to 100%. The splatter fender's compact design and positioning ensures optimal reach and better visibility. The latex-free propy cup features a translucent material that further enhances visibility. Complemented by counter-clockwise spiral blades, the propy cup excels in retaining paste for optimum polishing performance.

AntiSplatr	100/box	500/box
Soft	LSFAS-100	LSFAS-500
Firm	LSFAF-100	LSFAF-500

\*Data on file.

\*\*The improved AntiSplatr angle is a new and upgraded version developed by Pac-Dent. This advancement - from wiper to fender technology - is based on feedback from dentists, hygienists, and industry leaders. It's distinctively different from the original technology that was licensed from Lotus.

## Oscillating AntiSplatr Mini™

Oscillating Disposable Mini Propy Angle

The only non-splatter Brush Cup DPA in the market!



- Oscillating motion reduces splatter by up to 100%\*
- Lowered heat generation allows for increased contact
- Ultra-compact design improves visibility and reach
- Unique cup design provides optimal flare around tooth contours
- Quieter and smoother than traditional unidirectional disposable propy angles



Oscillating Technology



Rotating Motion



20% Slimmer DPA Body

The all-new Oscillating AntiSplatr Mini Disposable Propy Angle is an ultra-compact disposable propy angle that ditches the traditional unidirectional rotation for an oscillating spinning motion.

This new reciprocating spin mechanism significantly reduces the splatter of propy paste, saliva, and other body fluids while simultaneously decreasing the amount of frictional heat generated to allow for longer tooth contact. This innovative gear is enclosed in a slim body to maximize both visibility and reach.

Oscillating AntiSplatr Mini	100/box
Tapered Brush	ASMB-100
Soft	ASMS-100
Firm	ASMF-100



\*Data on file.

## ProAngle® Disposable Propy Angle

SINCE  
2005  
the DPR 100



- Patented 2nd generation gear design
- Runs smoothly without over-heating
- Latex-free cups

Patented propy angle that employs the same beveled gear design as the ProAngle Plus to ensure that each procedure only requires one angle to finish. Legacy product since 2005.

ProAngle	144/box	500/box
Soft	247-144	247-500
Firm	248-144	248-500





**ProAngle® Plus**  
Disposable Propphy Angle

- Smooth-running and quiet beveled gear
- Designed to eliminate vibration for less noise, chatter, and heat
- Guaranteed no cup dropping
- Ergonomic design reduces hand and arm micro-traumas
- Latex-free cups

ProAngle Plus features reinforced, beveled gears to ensure only one angle is required for each procedure. Guaranteed no cup dropping. Color coded cups and shells.

ProAngle Plus	144/box	500/box
Super-Soft	249S-144	249S-500
Soft	249-144	249-500
Firm	250-144	250-500
Torque	251T-144	251T-500

ProAngle Plus Brush Cup	100/box
Tapered Brush	238-100
Flat Brush	239-100

**ProAngle® Ergo**  
Disposable Propphy Angle

ProAngle Ergo's shell is ergonomically designed for ease of use. Its tilted head allows the hand and wrist to operate with less effort compared with traditional prophy angles, causing fewer micro-traumas.

ProAngle Ergo	144/box	500/box
Super-Soft	168S-144	168S-500
Soft	168-144	168-500
Firm	188-144	188-500
Torque	198T-144	198T-500

**Each individual combo pack includes:**  
1 x ProAngle Plus DPA (Soft/ Firm Cup)  
1 x 2-gram Unit Dose of ProPaste Propphy Paste

ProAngle Plus Combo	100/box	500/box
Soft & Coarse mint	251-100	251-500
Firm & Coarse mint	252-100	252-500
Torque & Coarse mint	251TC-100	251TC-500
Soft & Medium mint	253-100	253-500
Firm & Medium mint	254-100	254-500
Torque & Medium mint	251TM-100	251TM-500



ONE OF THE BEST PRODUCTS OF 2018  
AS RATED BY A NON-PROFIT DENTAL  
RESEARCH ORGANIZATION

**MINI 90 & MINI ERGO**  
Mini Disposable Propphy Angle

- Smooth-running, quiet beveled gear design
- This smaller, powerful head allows for increased visibility and improved access
- Improved flare for expanded subgingival access
- Ergonomic design reduces hand and arm micro-traumas
- Latex-free cups

The Mini 90 & Mini Ergo disposable prophy angles are the smallest and most compact angles on the market. With a smaller head and the slimmest profile, these disposable prophy angles not only provide increased visibility with less vibration, but also better access to posterior areas.

Mini 90 features a 90-degree compact head, a shorter neck, and the slimmest profile on the market for expanded visibility, improved reach, and greater maneuverability. Available in both sterile and non-sterile versions. Mini Ergo is ergonomically designed with the optimal amount of head tilt to reduce hand and wrist fatigue.

**Mini DPA VS. Standard DPA**



Mini 90 Sterile	144/box	500/box
Soft	S163-90-144	S163-90-500
Firm	S164-90-144	S164-90-500

Mini Ergo Sterile	144/box	500/box
Soft	S163-144	S163-500
Firm	S164-144	S164-500

Mini 90 Non-Sterile	144/box	500/box
Soft	M163-90-144	M163-90-500

The Mini Brush Cup allows for improved reach and access to posterior and interproximal areas. Ideal for stain removal around orthodontic appliances.

Mini 90 Non-Sterile	100/box
Tapered brush	M167-90-100



**FUNimal Pedo™**  
Pediatric Mini Prophy Angle

NEW!

- Slim neck and smaller cup design
- Latex-free cups pedo or regular soft cup
- FUNimal friends reduce young patient anxiety
- Increased visibility and access during procedures

Built on the critically acclaimed Mini 90, the FUNimal Pedo is an ultra-compact disposable prophy angle designed with a compact head, shorter neck, and a slimmer profile that makes polishing procedures for young patients with smaller teeth easier and more engaging than ever. The compact design paired with the smaller pedo cups allows for greater visibility and access during procedures, while reducing young patients' anxiety.

FUNimal Pedo	100/box
Soft Pedo Cup, Assorted	<b>167-100P</b>
Soft Regular Cup, Assorted	<b>167-100R</b>



**FUNimal Pedo VS. FUNimals**



Slimmest DPA Body



44% More Visibility



25% Slimmer Neck



Unique Cup

**FUNimals™**  
Pediatric Prophy Angle

Built on the critically acclaimed ProAngle Plus, the original FUNimals Disposable Prophy Angles reduce your young patients' anxiety while offering optimal performance. Not made with natural rubber latex.

FUNimals	100/box	500/box
Soft	<b>166-100A</b>	<b>166-500A</b>



E Type

M Type

S Type

**ProAngle® EZ**  
Extended Disposable Prophy Angle

- Reduces handpiece weight
- Eliminates the costs of cleaning and disinfecting the nose cone
- Latex-free cups

The new ProAngle EZ disposable prophy angles reduce handpiece weight, which alleviates wrist pain for dentists and hygienists. Save both time and money by never having to worry about cleaning, sanitizing, or autoclaving the nose cone ever again.

E Type	100/box	500/box
Soft	<b>EZES-100</b>	<b>EZES-500</b>
Firm	<b>EZEF-100</b>	<b>EZEF-500</b>



M Type	100/box	500/box
Soft	<b>EZMS-100</b>	<b>EZMS-500</b>
Firm	<b>EZMF-100</b>	<b>EZMF-500</b>



S Type	100/box	500/box
Soft	<b>EZSS-100</b>	<b>EZSS-500</b>
Firm	<b>EZSF-100</b>	<b>EZSF-500</b>



Pac-Dent offers three versions of ProAngle® EZ to fit the most popular handpieces on the market.

- M-Type fits Midwest® Shorty® and Midwest® Rhino® handpieces
- S-Type fits DENTALEZ Star Titan®
- E-Type fits Pac-Dent ProMate™ E-Type Motor

**E Type Compatible Handpiece**



Pac-Dent ProMate™ E-Type Motor

**M Type Compatible Handpiece**



Midwest® Rhino®



Midwest® Shorty®

**S Type Compatible Handpiece**



Star® Titan® 5000 rpm



Star® Titan® 20,000 rpm with torque multiplier

NEW

# ProPaste™ One

Disposable Propy Ring and AntiSplatr™ Paste Combo

## FITS ANY FINGER



### ProPaste One™

Patent Pending

Disposable Propy Ring and AntiSplatr™ Paste Combo

- Promotes dentin remineralization, aiding in oral health maintenance
- Desensitizing, easy to rinse-off, anti-splatter paste with 1.23% fluoride ion and Tri-Calcium Phosphate (TCP), that provides exceptional polishing and stain-removal
- Innovative single-use system reduces need for autoclaving and sanitization
- Helps reduce cross-contamination and infections
- Ergonomic ring design provides tight prophy cup fit and comfortable finger grip
- Gluten-free

The ProPaste One is a 2 in 1, unique and economical, pre-assembled disposable prophy ring and powerful paste combo for more efficient polishing, that bolsters infection control protocols. This pre-assembled combo eliminates the need to autoclave or sanitize a prophy ring for the next patient, simply use and dispose.

Each ring has an ideal amount of desensitizing and anti-splatter prophy paste for each procedure. Ideal solution for all hygienists and is an asset for mobile hygienists. Each box contains 144 ring and paste combos.



Flavor	Fine	Medium	Coarse
Mint	/	23104	23103
Bubblegum	23105	/	/
Assorted	/	23102	23101

### ProPaste™

Prophy Paste

- Non-splatter
- Fluoride-releasing
- Gluten-free



Prophy paste with a non-splatter formula. Conveniently packaged into 2 gram unit-doses with an easy to dispense box. Exceptional polishing and stain-removal ability with fluoride. Great taste and easy rinse-off. Each order comes with 200 unit-doses of paste, 2 autoclavable prophy rings.

Flavor	Fine	Medium	Coarse
Mint	/	261200	260200
Cherry	/	263200	262200
Bubblegum	266200	/	/
Grape	/	/	270200
Strawberry	/	268200	/
Assorted	/	265200	264200

Prophy Paste Ring	6/box
Autoclavable, Plastic	031



## PROMATE™ EZ-Q

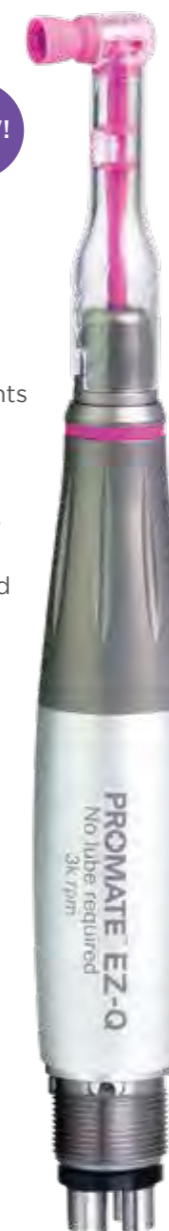
Quick Disconnect Hygiene Handpiece

NEW!

- Quick Disconnect Functionality: Significant improvement in preparation time between patients
- Maneuverability: Full Range of Motion with 360° Swivel Head
- Compatibility: Universal connector provides compatibility with most disposable prophy angle brands
- Low-Maintenance: Lube Free Motor reduces need for constant maintenance
- Autoclavable: Autoclavable Stainless Steel exterior simplifies sterilization process
- 2-Year Warranty

Upgrade your hygiene department with the ProMate EZ-Q, Pac-Dent's latest low-speed hygiene handpiece that was developed to optimize the hygienist workflow by improving procedure efficiency and reducing the need for constant maintenance.

Designed with the utmost precision, the ProMate EZ-Q introduces a quick disconnect mechanism that facilitates a seamless transition between patients, reducing preparation time between hygiene procedures.



The ProMate EZ-Q boasts impressive speeds of up to 3K RPM and is equipped with a unique swivel head that provides unparalleled maneuverability. This exceptional design provides hygienists with a complete 360-degree range of motion. Enhanced by a universal prophy angle connection and a lube-free motor, the ProMate EZ-Q stands out as the optimal choice for improving the efficiency of your practice.

**PA-EZ-CB** ProMate EZ-Q Quick Disconnect Combo  
1 x Hygiene Handpiece  
1 x Quick Disconnect Coupler

**PA-EZ3H** ProMate EZ-Q Quick Disconnect Hygiene Handpiece

**PA-EZ-C** ProMate EZ-Q Quick Disconnect Coupler

# PROMATE™ CL

Cordless Hygiene Handpiece



ONE OF THE BEST CORDLESS PROPHY HANDPIECES OF 2023 AS RATED BY A NON-PROFIT DENTAL RESEARCH ORGANIZATION



2 YEAR WARRANTY

VARIABLE SPEED

6 different speed options that can be controlled with the wireless foot pedal or on the handpiece

- **Made with the Clinician in Mind** – Cordless design eliminates drag and pulling, while increasing mobility
- **Ultralight Construction 3.8 oz.** – 20% lighter than industry-leading cordless handpieces
- **Extraordinary Performance** – Dual-mode speed control with 6-speed settings
- **Dual-Mode Control** – Ergonomic, quick-touch button and Bluetooth-powered foot pedal
- **Universal Compatibility** – Use all your favorite disposable prophy angles
- **Amazing Battery Life** – Lasts through a whole day's worth of procedures
- **2-Year Warranty**

The sterilizable outer sheath has been designed to be steam autoclavable in compliance with the CDC's sterilization and infection control guidelines. A disposable polyethylene barrier is available to cover the handpiece.



- PMCL-100 ProMate CL Cordless Kit**  
 1 x Motor  
 3 x Autoclavable Sheaths  
 100 x Disposable Barrier Sleeves  
 1 x Charging Base  
 1 x Foot Pedal  
 1 x AC Adapter



- PMCL-106** ProMate CL Barrier Sleeves, 500/pk



- PMCL-102** ProMate CL Sheaths, 2/pk



- PMCL-103** ProMate CL Foot Pedal + AC Adapter

**UNLIMITED OPTIONS**  
Compatible with doriot style prophy angles

**SILICONE GRIP**  
Complete control & comfort

**LIGHTER THAN EVER**  
20% lighter than the industry leading cordless handpieces

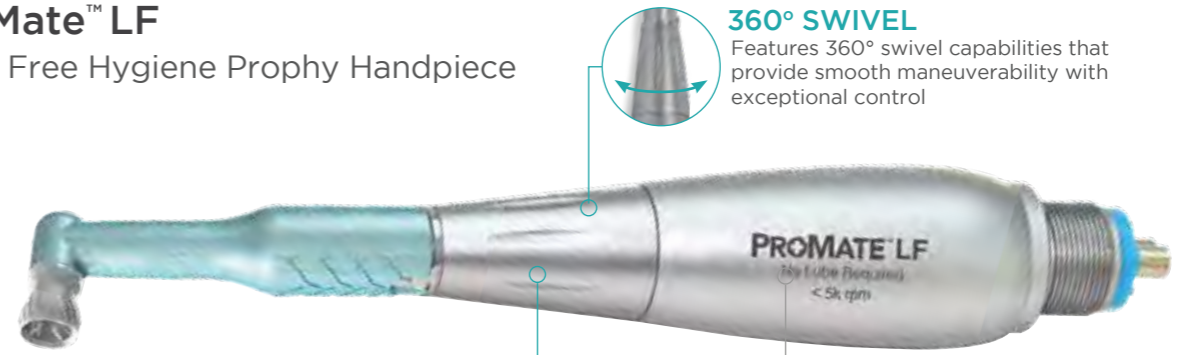


**AUTOMATIC SHUT-OFF**  
Prolongs battery life by automatically turning off after 5 minutes if left on.

**AUTOCALVABLE SHEATHS**  
3 autoclavable sheaths for convenience & saves time

# ProMate™ LF

Lube Free Hygiene Propy Handpiece



**360° SWIVEL**  
Features 360° swivel capabilities that provide smooth maneuverability with exceptional control

**FRICITION GRIP CHUCK**  
Easy friction grip chucking system. Just push into place and pull to remove

**POWERFUL**  
Delivers constant torque for all prophy applications at a max speed of 5000 RPM

- Lube free motor requiring little maintenance
- Compatible with nearly all disposable prophy angles
- Extremely quiet, minimizing patient anxiety
- 360° swivel
- Lightweight 2.79 oz
- 5K Rpm
- 2-Year Warranty



**PA-DM5H** ProMate CL Lube-Free Hygiene Propy Handpiece

# ProMate™

Hygiene Propy Handpiece



- Ergonomic lightweight design for superior comfort
- Swivel back end connection for less drag and arm fatigue
- Soft non-slip grips increase tactile sensitivity and reduce daily hand stress
- Works with all standard disposable prophy angles
- Fully autoclavable
- 5K Rpm
- 2-Year Warranty

Reduce fatigue and daily stress on hand and arm muscles with our ProMate hygiene handpiece. The lightweight ergonomic design minimizes vibration and chatter. The textured silicone grip and contoured shape provide superior comfort and non-slip control.

Easily maintained by autoclaving the entire handpiece with the grip, or replace the grip for color coding and personalization. Grip colors are available in blue, green, lavender, and rose.

**HH-100 ProMate Hygiene Handpiece unit**

- 1 x Motor
- 1 x Nose Cone
- 3 x Silicone Grips



- HH-101G** Green Replacement Silicone Grips, 10/pk
- HH-101B** Blue Replacement Silicone Grips, 10/pk
- HH-101L** Lavender Replacement Silicone Grips, 10/pk
- HH-101R** Dusty Rose Replacement Silicone Grips, 10/pk
- HH-103** 5 X Stem O-Ring for ProMate Motor



- HH-102** Hygiene Handpiece Nose Cone, 1/pk
- HH-104** Handpiece Lubrication, 1 Bottle



**AUTOSCALER®**

**South East Instruments**  
A Pac-Dent Company



Best-in-class warranty with 6 years for circuit boards and 2 years for all other parts!

### Ultrasonic Scaler

- 25K and 30K models available in tabletop or built-in configurations
- Made for special periodontal and any supra-subgingival or routine scaling
- Compatible with most industry-leading magnetostrictive insert tips
- Best-in-class warranty with 6 years for circuit boards and 2 years for all other parts
- Detachable handpiece assembly for maximum convenience
- Automatic tuning circuit provides even power under all load conditions
- Linear power control; allows the operator to choose the exact power level needed for all procedures

The Autoscaler ultrasonic scaler has been manufactured in the USA for over 40 years with the highest quality of materials available. The Autoscaler continues to be a reliable and high quality ultrasonic scaler.



**AW25C** Autoscaler Ultrasonic Scaler, Tabletop Model, 25K  
**AW30C** Autoscaler Ultrasonic Scaler, Tabletop Model, 30K



**AW25BI** Autoscaler Ultrasonic Scaler, Build-In Model, 25K  
**AW30BI** Autoscaler Ultrasonic Scaler, Build-In Model, 30K

### Ultrasonic Insert Tips

- Non-slip grip for greater tactile sensitivity
- The inserts use a base flow water delivery
- Compatible with most magnetostrictive handpieces
- 90 Day Warranty against defects arising from faulty material or workmanship

	<b>Universal</b>	Straight shank with medium length and tapered tip.
	<b>Deposit Types</b>	<ul style="list-style-type: none"> <li>• Light to heavy deposits</li> <li>• Tenacious calculus</li> </ul>
	<b>Applicable Areas</b>	<ul style="list-style-type: none"> <li>• Supragingival</li> <li>• Subgingival if tissue allows</li> </ul>
	<b>Power Setting</b>	Low to High

**INS 508601** Autoscaler 25k Ultrasonic Universal Insert Tip  
**INS 508701** Autoscaler 30k Ultrasonic Universal Insert Tip

	<b>Thin</b>	Straight shank with long length and a thin tapered tip.
	<b>Deposit Types</b>	Light to moderate deposits
	<b>Applicable Areas</b>	Subgingivally for periodontal pockets, but also can be used for supragingival applications
	<b>Power Setting</b>	Low to Medium

**INS 508602** Autoscaler 25k Ultrasonic Thin Insert Tip  
**INS 508702** Autoscaler 30k Ultrasonic Thin Insert Tip

Available through Gingi-Pak!



ONE OF THE BEST PRODUCTS OF 2023  
AS RATED BY A NON-PROFIT DENTAL  
RESEARCH ORGANIZATION



Before After

### Perio Armor® 1.7% HP Oral Cleansing Gel

NEW!

- Features 1.7% Hydrogen Peroxide Formula that effectively breaks down and kills bacteria to help protect against gum disease
- Cleans periodontal pocket to allow for better tissue and sore recovery
- Non-invasive periodontal tray solution that easily enters the sulcus, goes where flossing and brushing can't
- Promotes gentle tooth whitening and a fresh breath after each use
- Unique flavors including Strawberry, Bubblegum, and Mint
- Gluten-free

Gingi-Pak's Perio Armor 1.7% hydrogen peroxide (HP) gel is a non-invasive periodontal tray therapy solution. Perio Armor with HP helps eliminate infection causing bacteria and intra-oral wounds commonly associated with periodontitis and gingivitis.

Perio Armor's concentration of HP also promotes gentle tooth whitening. Available in 6 tubes per pack.

Flavor	6/pk
Mint	<b>93101</b>
Strawberry	<b>93102</b>
Bubblegum	<b>93103</b>

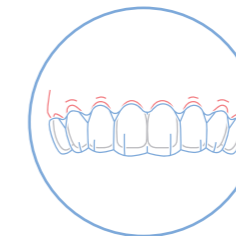


### Simple and Easy to Use in 3 Steps with Dental Trays

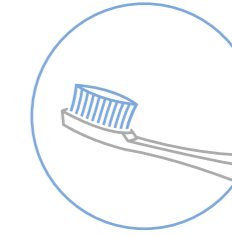
While easier to use with trays, direct application to the gum line works well!



Apply a single ribbon of gel on the dental tray from one end to the other.



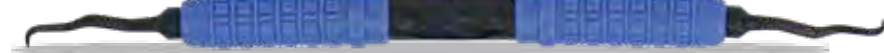
Insert the tray onto the teeth and leave it for 15 minutes.



Remove the tray and brush the teeth with a toothbrush, and thoroughly rinse with water.

ONE OF THE BEST PRODUCTS OF 2010  
AS RATED BY A NON-PROFIT DENTAL  
RESEARCH ORGANIZATION

NEW!



**LG1/2** Ideal for mesial and distal of mandibular posterior

NEW!



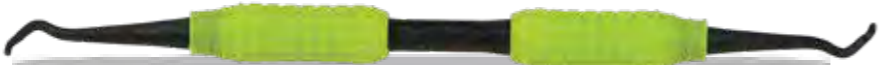
**BH5/6** Universal posterior curette with narrow blade and deeper shank angle



**4R/4L** Universal tip for use on all implant surfaces



**H6/H7** A sickle scaler for the removal of supra-gingival calculus



**204S** A sickle scaler for the removal of posterior supra-gingival calculus

### ImplaKlean™ Autoclavable Implant Deplaquer/Scaler Set

- Unique resin material does not scratch implant surfaces
- Resharpenable with conventional methods
- Comfortable color-coded silicone grips
- 5 types to satisfy different scaling needs
- Optional sharpening stone for optimal resharpening results

#### Intro Packs

**168-01** 1 x 4R/4L, 1 x H6/H7, 1 x 204S, 1 x LG 1/2  
1 x BH 5/6

#### Standard Packs

**168-02** 3 x 4R/4L Scalers  
**168-03** 3 x H6/H7 Scalers  
**168-04** 3 x 204S Scalers  
**168-08** 3 x LG 1/2 Scalers, Langer  
**168-09** 3 x BH 5/6 Scalers, Barnhart  
**168-06** 1 x Sharpening Stone



### PacSeal™ Pit & Fissure Sealant

- Margin-free
- No drying or bonding agents required
- Extended fluoride releasing formula
- Quick and easy delivery system

PacSeal is an opaque, resin-based, and light cured pit and fissure sealant. PacSeal is specially designed with wet-bonding resin technology that ensures an ideal, microleakage-free marginal seal without any tooth isolation. Its chipping and cracking free formula is easily delivered from pre-filled syringes with 20 matching brush tips.



iFlo™ MicroEZ Tip

**PD-138 PacSeal Pit & Fissure Sealant Kit**  
4 x 1.2cc Syringes, Natural Shade  
20 x Brush Tips

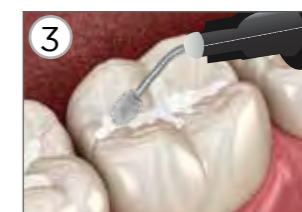
**1357** iFlo MicroEZ Brush Tips, 100/pk



1 Clean and dry tooth.



2 Apply PacEtch™ Pro etching gel for 15 seconds.



3 Apply PacSeal with iFlo™ MicroEZ tip.



4 Light cure the surface.

### Disposable Prophylaxis Cups

Premium quality prophylaxis cups that minimize chatter and heat build-ups. 100% latex free. The newly developed torque cup effectively reduces splatter with its turbine-like internal blade geometry. Packaged 144 pcs. per box.

#### Disposable Cup

Type	Cup	144/box	
Snap-on	Soft	<b>250GY</b>	
Snap-on	Firm	<b>250W</b>	
Screw	Torque	<b>251W</b>	
Latch	Firm	<b>252W</b>	
Latch	Soft	<b>252G</b>	
Latch	Resin Stem with Torque Cup	<b>256</b>	

Premium quality prophylaxis brush cups ideal for orthodontic cleaning, polishing, and removal of heavy stains. Packaged 144 pcs. per box.

#### Brush Cup

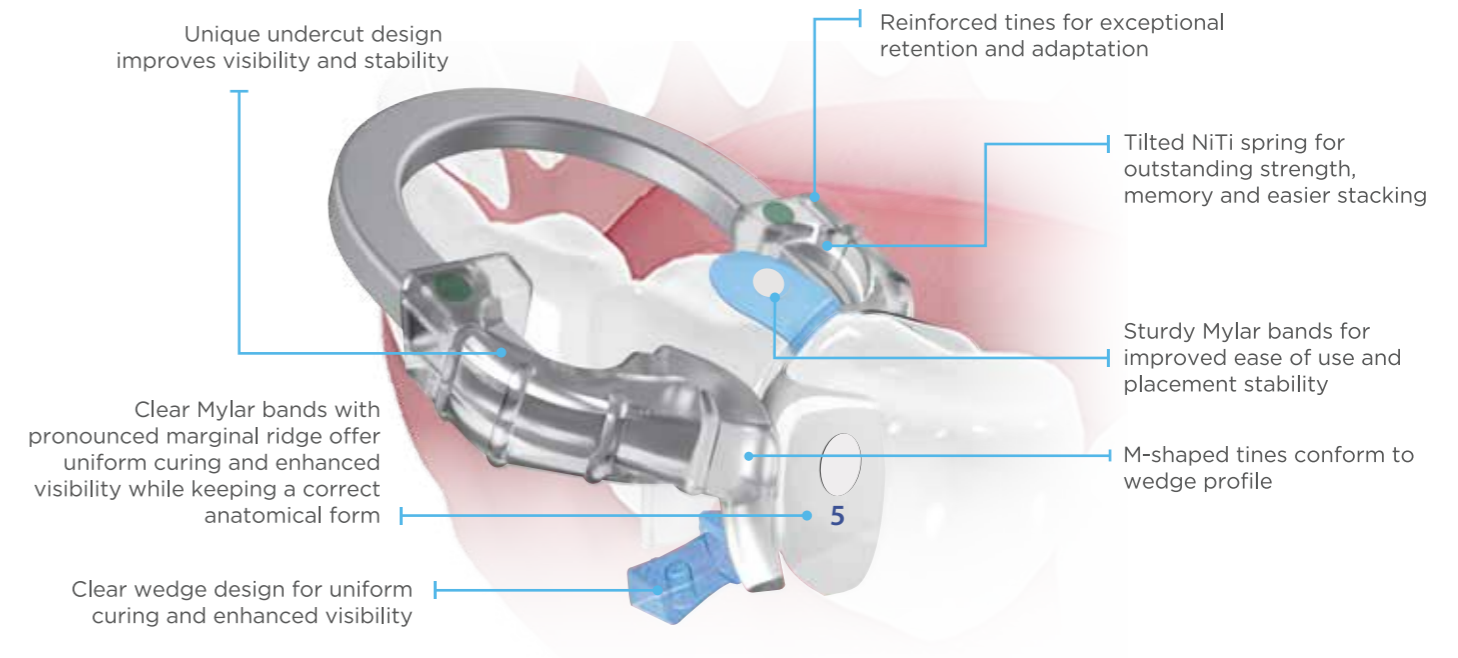
Type	Cup	144/box	
Snap-on	Tapered Brush	<b>240-144</b>	
Snap-on	Flat Brush	<b>241-144</b>	
Latch	Tapered Brush	<b>243-144</b>	
Latch	Flat Brush	<b>244-144</b>	

# RESTORATIVE



Matrix System - Temp C&B material - Etching Gel - Adhesive System - Cement - Composite - Intermediate Restorative Material - Polisher - Delivery tips - Needle Tips - Tubes & Plugs - Applicators - Dappen Dishes - Mixing Wells - Dispensing Guns

## RESTORATIVE | SECTIONAL MATRIX SYSTEM



### iMatrix™ Clear Sectional Matrix System NEW!

Compared to Bioclear Evolve Matrix and 360° Veneer Matrix Series, Garrison Composi-Tight®, Palodent®, Triodent® V3 Matrix

- 2 clear NiTi rings that provide optimal tooth separation with an undercut design for greater visibility and improved handling
- Clear, color coded mylar matrices for cure-through restorations with ideal marginal ridge
- Includes assorted composite polishing kit for high esthetic finishing of composite restorations
- Easy to place clear wedges that stay in place while providing a superior gingival seal

The iMatrix Clear Sectional Matrix System has been engineered to provide the ideal solution to the most tedious of Class II restorations.

The iMatrix Clear system features innovative clear Nickel Titanium (NiTi) matrix rings with a unique undercut design that allows for better handling and greater visibility, while being strong enough to avoid slipping and to provide consistent, ideal tooth separation. The clear mylar matrices and clear interproximal wedges allow ample light to pass through for complete cure-through and uniform restorations. The color coded, clear mylar matrices leave the composite with a more polished and contoured finish than traditional stainless steel matrices while having a more pronounced marginal ridge for correct anatomical form.



#### 411201 iMatrix Clear Sectional Matrix System Starter Kit (with instruments):

- |  |   |
|--|---|
| 1 x Clear Standard <b>Green</b> Ring   | 1 x Clear Narrow <b>Yellow</b> Ring     |
| 35 x Clear <b>Blue</b> Medium Wedges   | 35 x Clear <b>Yellow</b> Small Wedges   |
| 35 x Clear <b>Orange</b> Large Wedges  | 35 x 4.5 mm Clear <b>Red</b> Matrices   |
| 35 x 5.5 mm Clear <b>Blue</b> Matrices | 35 x 6.5 mm Clear <b>Green</b> Matrices |
| 1 x Composite Polishing Kit:           | 1 x Pin Tweezers                        |
| 12 x Assorted Polishers                | 1 x Forceps                             |

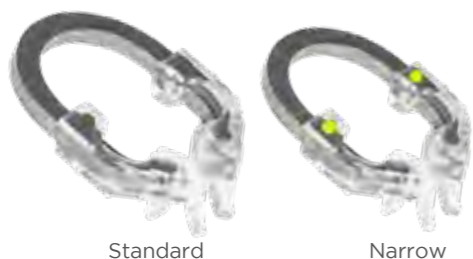
#### 411202 iMatrix Clear Sectional Matrix System Intro Kit (without instruments):

- |  |   |
|--|---|
| 1 x Clear Standard <b>Green</b> Ring   | 1 x Clear Narrow <b>Yellow</b> Ring     |
| 35 x Clear <b>Blue</b> Medium Wedges   | 35 x Clear <b>Yellow</b> Small Wedges   |
| 35 x Clear <b>Orange</b> Large Wedges  | 35 x 4.5 mm Clear <b>Red</b> Matrices   |
| 35 x 5.5 mm Clear <b>Blue</b> Matrices | 35 x 6.5 mm Clear <b>Green</b> Matrices |

### iMatrix™ Clear Ring



Patent Pending



Standard Narrow

- Unique undercut design improves visibility and stability
- Clear ring that enhances visibility and allows for uniform curing
- Outstanding NiTi spring strength and memory for optimal tooth separation force
- Convenient M-shaped tines provide guiding-rails for wedges
- Stackable for multiple restorations

Size	2/pk
1 x Clear Standard, Green Dots 1 x Clear Narrow, Yellow Dots	<b>411203</b>
Clear Standard, Green Dots	<b>411204</b>
Clear Narrow, Yellow Dots	<b>411205</b>

### iMatrix™ Clear Matrix



4.5 mm 5.5 mm 6.5 mm

- Clear Mylar bands offer uniform curing and enhanced visibility
- Sturdy Mylar bands for improved ease of use and placement stability
- Leaves composite with a more polished and contoured finish
- Pronounced marginal ridge for correct anatomical form

Size	100/pk
4.5 mm	<b>411206</b>
5.5 mm	<b>411207</b>
6.5 mm	<b>411208</b>

### iMatrix™ Clear Wedge



Small Medium Large

- Clear design for uniform curing and enhanced visibility
- Wedge profile perfectly matches ring tines for easy entry and superb seal
- Stackable wedge design

Size	100/pk
Small	<b>411209</b>
Medium	<b>411210</b>
Large	<b>411211</b>

### iMatrix™ Composite Polisher



- Allows for fast and easy composite adjustments without polishing paste
- Provides ideal smooth and polished occlusal surface
- Eliminates restoration abrasiveness and opposing dentition
- Reusable, 3-step polishing system

Please see pg.40 for more details.

**411212** Composite polishing kit: 12 x assorted polishers

### iMatrix™

#### Sectional Matrix System

Compared to Dentsply Palodent®, Ultradent Triodent®, Garrison Composi-Tight®, Garrison Strata-G™, Garrison NiTi™, Septodont SeptoMatrix, Clinicians Choice Dual Force™, Danville Materials Contact Matrix™, Premier® X5



- 2 nickel-titanium matrix rings that provide optimal tooth separation and increased longevity
- Matrix rings feature an undercut design for greater visibility and improved handling
- 3D matrix bands with pinholes for easy placement and removal
- Forms tight contacts for unmatched anatomical accuracy
- Stackable for multiple restorations

The iMatrix Sectional Matrix System features nickel-titanium rings with a unique undercut design, anatomically shaped 3D matrix bands with convenient pinholes, and adaptable wedges that combine to deliver predictable, high quality restorations and tight interproximal contacts, which effectively replicate natural tooth anatomy for optimal esthetics. The Matrix System is designed adapt to the challenges of wide cavities and missing cusps, allowing for minimal restoration finishing.

#### PM-01 iMatrix Sectional Matrix System Starter Kit (with instruments):

- 1 x Black Standard Ring
- 35 x Blue Medium Wedges
- 35 x Orange Large Wedges
- 35 x 4.5 mm Matrices
- 35 x 3.5 mm Matrices
- 1 x Tweezers
- 1 x Grey Narrow Ring
- 35 x Yellow Small Wedges
- 35 x 5.5 mm Matrices
- 35 x 6.5 mm Matrices
- 1 x Forceps

#### PM-02 iMatrix Sectional Matrix System Intro Kit (without instruments):

- 1 x Black Standard Ring
- 35 x Blue Medium Wedges
- 35 x Orange Large Wedges
- 35 x 4.5 mm Matrices
- 35 x 3.5 mm Matrices
- 1 x Grey Narrow Ring
- 35 x Yellow Small Wedges
- 35 x 5.5 mm Matrices
- 35 x 6.5 mm Matrices

### iMatrix™ Ring



Narrow Standard

- Outstanding NiTi spring strength and memory provides optimal tooth separation force
- M-shaped tines accommodate wedge profile
- Undercut tine design improves durability and stability during placement
- Stackable for multiple restorations
- Autoclavable retainer rings

Size	2/pk
1 x Black Standard 1 x Grey Narrow	<b>PM-R1</b>
Black Standard	<b>PM-R2</b>
Grey Narrow	<b>PM-R3</b>

### iMatrix™ 3D-Matrix



3.5 mm 4.5 mm 5.5 mm 6.5 mm

- Pronounced marginal ridge for correct anatomical form
- Greater curvature on horizontal plane means more curvature remains as matrix wraps around tooth
- Gingival apron is shaped to eliminate gaps in the gingival-axial corner and conform to common cavity form

Size	100/pk
3.5 mm	<b>PM-M3</b>
4.5 mm	<b>PM-M4</b>
5.5 mm	<b>PM-M5</b>
6.5 mm	<b>PM-M6</b>



### iMatrix™ Wedge



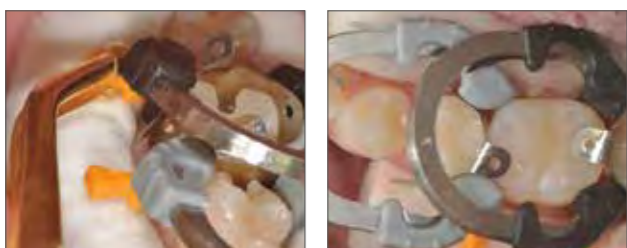
- Wedge profile matches tine shape for easy entry and placement to provide the ultimate seal
- Stackable wedge design

Size	100/pk
Small	PM-WS
Medium	PM-WM
Large	PM-WL

### Technique for Class II Restorations



1. Select a matrix band that matches the tooth's occluso-gingival height. Wrap the matrix band around the tooth and shape it to the desired curvature using your fingers.



2. Firmly insert the largest wedge that fits the interproximal space, while holding the matrix band in place to prevent displacement.

3. Place the iMatrix ring low over the wedge using forceps to spread its arms. Press the matrix band down with a finger to immobilize it. iMatrix rings are stackable for various restorations.



4. Remove the iMatrix ring using the provided forceps by spreading the arms just enough to clear the tooth, pull out the wedge using the tweezers or fingers, and remove the band using the tweezers.

### iMatrix™ Coated Matrix NEW!

Compared to Triodent® SuperCurve Matrix, Dentsply Palodent Plus EZ-Coat, Garrison Composi-Tight® 3D Fusion™



- Ultra-thin, non-stick coating allows quick and easy removal
- Lifelike curvature design and pronounced marginal ridge improve anatomical precision
- Color-coded for instant size identification
- Gingival apron is specially shaped to match commonly shaped cavities

Size	100/pk
3.5 mm	411301
4.5 mm	411302
5.5 mm	411303
6.5 mm	411304
7.5 mm	411305

### iMatrix™ Tweezers & Forceps

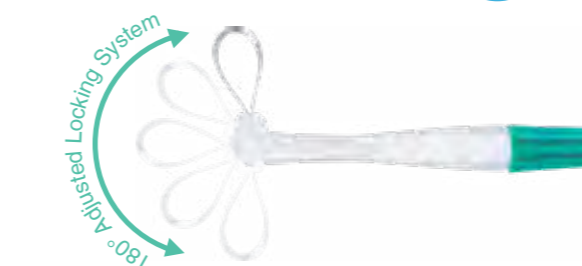
- Ensures effortless placement and removal of iMatrix rings, matrices, and wedges
- Provide a dependable mechanical connection, guaranteeing confident and secure handling

	PM-T1 Pin Tweezers, 1/pk
	PM-U1 Universal Tweezers, 1/pk
	PM-F1 Ring Placement Forceps, 1/pk



Patent Pending

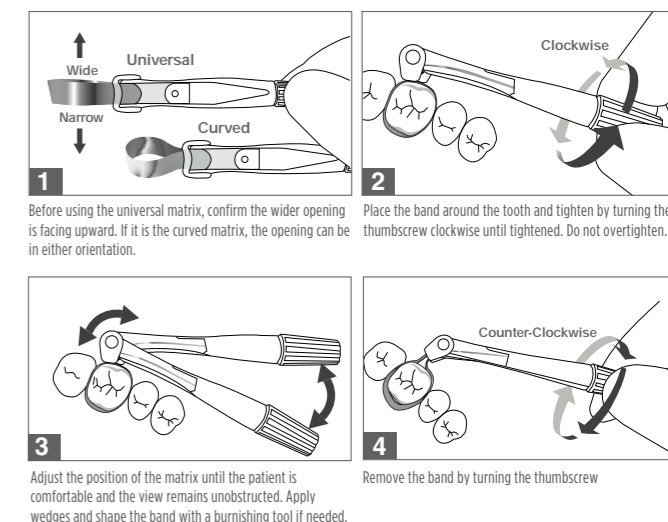
### iMatrix™-Disposable Matrix Disposable Bands NEW!



Compared to Ultradent's Omni-Matrix™, Medicom SafeMatrix™

- Disposable retainer and matrix band for superior convenience and safety
- Compact size allows increased visibility and patient comfort
- Lockable joint securely holds the matrix in place for ideal control
- Ideal thickness bands that adapt to all natural tooth contours & preparations
- Ergonomic thumbscrew system guarantees seamless and dependable functionality

The iMatrix-Disposable is a single-use, pre-assembled disposable matrix and retainer system designed for both composite and amalgam restorations of every class. The iMatrix-Disposable features a compact and easy-to-place matrix band that is easily adjustable for any quadrant or angle with a twistable handle to maximize patient comfort and quick-release locking system for fast removal. The matrix bands are available in a V or pre-contoured shape that is adaptable to all tooth contours, allowing for tight contacts in any restoration.



**1** Before using the universal matrix, confirm the wider opening is facing upward. If it is the curved matrix, the opening can be in either orientation.

**2** Place the band around the tooth and tighten by turning the thumbscrew clockwise until tightened. Do not overtighten.

**3** Adjust the position of the matrix until the patient is comfortable and the view remains unobstructed. Apply wedges and shape the band with a burnishing tool if needed.

**4** Remove the band by turning the thumbscrew counter-clockwise.

	411101	411102	411103	411104	411105
Matrix Band	Universal	Universal	Curved	Curved	Universal
Band Type	Wide Band	Narrow Band	Wide Band	Narrow Band	Wide Band
Size	6 mm	4.5 mm	6 mm	4.5 mm	6 mm
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Mylar
Quantity	50/pk	50/pk	50/pk	50/pk	50/pk

### C&B Prompt™ 10:1

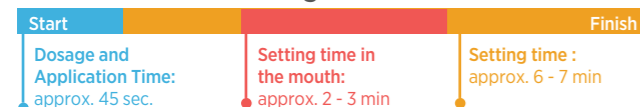
Temporary Crown & Bridge Material



- Exceptional strength and resistance to wear
- Defined elastic phase for easy cleanup
- True color stability with accurate Vita shades that match natural tooth appearance
- Minimal heat during polymerization
- Easy to polish to a long lasting luster

10:1 Self-Curing Temporary Crown & Bridge Material. Unique formulation featuring excellent mechanical and esthetic properties for short & long-term provisionals.

#### Setting Timeline



#### Each Intro Pack contains:

1 x 50 mL (76 g) Cartridges, 10 Mixing Tips, 1 x MP-04 4:1/10:1 dispensing gun, 2 x Aluminum Temp C&B Trays

- PD126-A1 Intro Pack, Shade A1
- PD126-A2 Intro Pack, Shade A2
- PD126-A3 Intro Pack, Shade A3



#### Each Refill Pack contains:

1 x 50 mL (75 g) Cartridges, 10 Mixing Tips

- PD123 Refill Pack, Shade A1
- PD124 Refill Pack, Shade A2
- PD125 Refill Pack, Shade A3



- 110351-25 10:1 Blue (Orange Inside) Mixing Tips, 25/bag
- 110352-50 10:1 Blue (Orange Inside) Mixing Tips, 50/bag

- MP-04 1 x S Dispenser II Dispensing Gun, 50 ml cartridge 4:1/10:1
- PD-177 1 x Dispensing Gun, 50 ml cartridge 4:1/10:1



### C&B Prompt™ 1:1

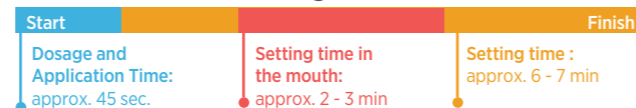
Temporary Crown & Bridge Material



- Biocompatible formula
- Easy handling and polishing
- Improved precision of application
- Lifelike restoration with natural translucency
- Excellent resistance to fracture

1:1 ratio temporary crown and bridge material. C&B Prompt is a self-curing, resin based composition designed for easy fabrication of temporary crowns and bridges. It sets in two stages, providing for easy handling. Curing is complete in four minutes with an initial setting in 90 seconds. For making repairs, C&B Prompt is compatible with self and light-cured resin based materials. Available in 3 lifelike natural-looking shades: A1/B1, A2 and A3. Each package contains 1 cartridge of 76 g material and 15 blue mixing tips.

#### Setting Timeline



#### Each Pack contains:

1 x 50 mL (76 g) Cartridges, 15 Mixing Tips

- PD120 Shade A1/B1
- PD121 Shade A2
- PD122 Shade A3



- PD211-25 Blue mixing tips refill, 25/bag
- PD211-50 Blue mixing tips refill, 50/bag

- PD-115 High performance dispensing gun 1:1 50ml cartridge, 1/box



- T550 Aluminum temp trays, Posterior, 50/pk
- T551 Aluminum temp trays, Anterior, 50/pk



HIGHLY RATED BY A NON-PROFIT DENTAL RESEARCH ORGANIZATION



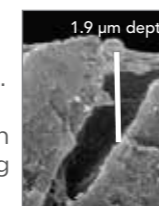
### Rodin™ EtchPro™ 38% Phosphoric Acid Etching Gel

NEW!

Compared to Ultradent Ultra-Etch™

- Timed release formula helps maintain a controlled and consistent etching process for optimal bonding
- Penetrates fissures and vertical surfaces
- Superior viscosity and vivid blue color for easy and precise handling
- Rinses off easily without residue

Rodin EtchPro 38% phosphoric acid features an ideal viscosity that allows precise placement and excellent control. Its self-limiting etch formula creates an ideal etch pattern with an average depth of 1.9 µm from a 15-second etch, allowing for maximum adhesive penetration for increased bond strength.



### Rodin™ Porcelain Porcelain Etching Gel

NEW!

Compared to Pulpdent® Porcelain Etch Gel, Ultradent™ Porcelain Etch

- One-minute application
- Buffered acid minimizes irritation
- High visibility yellow gel
- Thixotropic - stays where you place
- Easy to rinse off

Pac-Dent's new 9.6% buffered Hydrofluoric Acid Porcelain Etch Gel features an ideal thixotropic design that allows for precise placement and excellent control. A one-minute application creates an ideal etch on porcelain crowns, inlays, onlays, bridges, veneers, and fractured porcelain surfaces to maximize bond strength.



Pac-Dent's superior formula ensures the porcelain etch gel will not stain porcelain, composites, or resin-based cements.

- 441101 4 x 1.2 ml syringes w/8 x pre-bent needle tips
- 231 Pre-Bend Needle Tips, 25 Ga, Etch, Blue, 100/pk

# RODIN™ BOND

Dental Adhesive System

THE FIRST UNIVERSAL  
BONDING AGENT

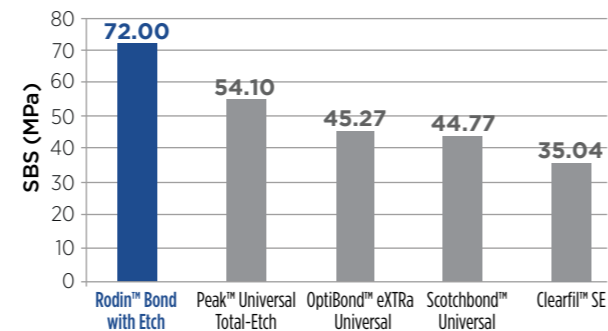
DESIGNED FOR

3D PRINTED  
RESTORATIONS



## ALSO DELIVERS

- Highest Shear Bond Strength for conventional zirconia and composite restorations
- Maximum adhesive strength when coupled with SensiGuard desensitizer, ensuring patient comfort



Data from an Independent Research Institute\*

\*Data on file.

# RODIN™ RESTORATION WORKFLOW

Streamline your daily routine while achieving exceptional restorative outcomes with the Rodin Restorative System.

## Indirect Bonding



## Direct Bonding



**Rodin™ Bond**  
Dental Adhesive System

NEW!



Compared to Kerr OptiBond™ Solo Plus, 3M™ Scotchbond™ Universal Plus

- **Best-In-Class Adhesion:** Nanohybrid glass filler technology provides incredible bond strength and reliable adhesion to a comprehensive array of dental materials, including dentin, enamel, zirconia, as well as various dental metals such as PFM
- **Full Compatibility:** It can be used with light-cured, self-cured, and dual-cured composite materials for both direct and indirect restorations
- **Efficiency:** The flip-top cap design saves valuable time and provides a "one-drop" flow of adhesive while ensuring smooth application
- **Complete Solution:** Combine Rodin Bond and SensiGuard for a comprehensive bonding solution that not only enhances bonding but also safeguards against postoperative sensitivity through dentin tubule sealing

Rodin Bond is a cutting-edge light-cured dental adhesive for both direct and indirect bonding applications. The incorporation of advanced glass filler technology reinforces the hybrid zone and penetrates dentin tubules, ensuring exceptional bond strength compared to traditional unfilled adhesives. Pair Rodin Bond with SensiGuard for significantly improved shear bond strength and adhesion to both direct and indirect surfaces.

Rodin Bond and SensiGuard use a cutting-edge flip-top cap design, enabling accurate "one-drop" adhesive dispensing with a single hand. This packaging feature reduces waste and streamlines the clinical workflow, ensuring smooth application.

Additionally, Pac-Dent's "trophy" unit dose packaging maintains adhesive integrity by shielding it from air and moisture, ensuring reliable and precise bonding results.

Easy 3 Steps to Use



**471101 Rodin Bond Dental Adhesive & SensiGuard Desensitizer Bottle Kit**  
1 x 5mL Rodin Bond Bottle  
1 x 5mL SensiGuard Bottle  
2 x 1.5g 38% Rodin EtchPro Syringe  
100 x Micro Brush Standard 2.0mm  
20 x Mixing Wells, 4 Holes  
20 x Dispensing Tips for Rodin EtchPro  
1 x Technique Guide  
1 x Instruction Booklet

**471102 Rodin Bond Dental Adhesive Refill, 5 ml Bottle**

**481101 SensiGuard Desensitizer Refill, 5 ml Bottle**

**481102 Rodin Bond Dental Adhesive Unit Dose Kit**  
50 x Rodin Bond 0.1 mL Unit Dose  
50 x SensiGuard 0.1 mL Unit Dose  
1 x Technique Guide  
1 x Instruction Booklet

**471103 Rodin Bond Dental Adhesive Unit Dose Refill, 100/pk**

**481103 SensiGuard Desensitizer Unit Dose Refill, 100/pk**

**135 Rodin EtchPro 38% Phosphoric Acid Etch:**  
4 x 1.2 ml Syringes, 8 x Dispensing Tips

**135E Rodin EtchPro Econo Pack:**  
36 x 1.2 ml Syringes

**135C Rodin EtchPro Clinic Pack:**  
144 x 1.2 ml Syringes

**231 25 Ga tips, Etch, Blue, 100/pk**

**MicroPro Applicators, 400/pk**

**901 Blue Standard 2.0mm**

**902 Green Fine 1.5mm,**

**903 Purple Ultra Fine 1.0mm**

**904 White Tapered**

**906 Mixing Well, 4-Well, 200/pk**

Rodin Bond Technique Guide

Direct Bonding



1. Etch enamel and dentin for 15 seconds. Rinse for 5 seconds and gently air dry. Do not desiccate. The use of SensiGuard following etching is optional.

2. Apply a coat of Rodin Bond with an applicator tip and gently agitate for 10 seconds.

3. Thin/dry for 10 seconds using 1/4 to 1/2 air pressure. Light cure for 10 seconds.

4. Place composite and light cure.

Indirect Bonding



1. Etch enamel and dentin for 15 seconds. Rinse for 5 seconds and gently air dry. Do not desiccate.

2. Apply SensiGuard gently for 15 seconds. Air dry for 5 seconds.

3. Apply Rodin Bond with an applicator tip for 15 seconds, using a light brushing motion. Air thin for about 5 seconds.



4. Select appropriate shade of resin cement. Refer to manufacturer's instructions.



5. Gently seat restoration. Remove excess cement.



6. Light cure all surfaces.





**SensiGuard™**  
HEMA-based Desensitizing Agent

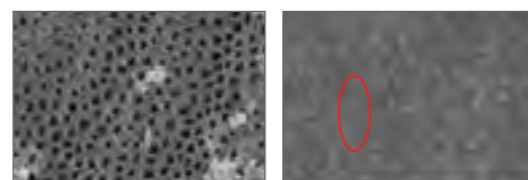


Compared to Zest Dental MicroPrime™, Kulzer Gluma®

- **Patient Comfort:** Significant reduction of post-operation sensitivity in patients
- **Visibility:** Distinct yellow tint provides unparalleled visibility during procedures, ensuring precise and controlled application
- **Precision:** Optimal consistency guarantees accurate placement, giving you the confidence to deliver exceptional results every time
- **Anti-Bacterial:** Potent antibacterial qualities reduce the chance of caries formation beneath restorations, delivering long-lasting protection for your patients
- **Universal Compatibility:** Seamless Integration with a wide range of dental adhesives and workflows
- **Efficiency:** Save time without sacrificing precision. The flip-top cap design guarantees efficient application while providing a controlled single drop per procedure

Sensiguard is a groundbreaking antibacterial desensitizer that seals dentin tubules to prevent postoperative sensitivity and significantly reduces the risk of caries formation beneath restorations. In addition to these desensitizing qualities, Sensiguard significantly enhances bond strength through the rewetting of collagen fibers in the dentin.

When combined with a dental adhesive such as Rodin Bond, Sensiguard acts as both a desensitizer and a primer. This unique formulation revitalizes collapsed collagen fibers, providing unparalleled monomer penetration, creating exceptional shear bond strength and steadfast adhesion to dentin tubules.



Longitudinal sections of a specimen treated with SensiGuard at x5,000. The circled area shows an occluded area.\*

Indication for Use	
<b>Dentist-Restorations</b> <ul style="list-style-type: none"> <li>✓ Below crowns</li> <li>✓ Bridges</li> <li>✓ Inlays and onlays</li> <li>✓ Veneers and temporaries</li> <li>✓ Margins around temporary crowns</li> <li>✓ Below all direct restorations</li> </ul>	<b>Hygienist-Spot Desensitize</b> <ul style="list-style-type: none"> <li>✓ Cervical erosions</li> <li>✓ Exposed dentin surface</li> <li>✓ Tooth hypersensitivity caused by gingival recession</li> </ul>

**481101 SensiGuard Desensitizer Refill**  
1 x 5ml Bottle



**481102 Rodin Bond Dental Adhesive Unit Dose Kit**  
50 x Rodin Bond 0.1 ml Unit Dose  
50 x SensiGuard 0.1 ml Unit Dose



**481103 SensiGuard Unit Dose Refill**  
100 x 0.1 mL Unit Dose



\*Data on file.



**Rodin™ Silane Primer**  
Permanent Liquid Bonding Agent



Compared to Kerr's Nexus 2 Silane Primer

- **Compatibility:** Rodin Silane Primer is compatible with both self-etch and total-etch bonding agents, providing versatility in various clinical scenarios
- **Adhesion Promotion:** Effectively promotes adhesion between resin composites and silica-based or silica-coated indirect restorative materials
- **Precision:** Specialized packaging design allows for precise “one-drop” delivery of primer

Introducing Pac-Dent's Rodin Silane Primer, a meticulously engineered single-component solution designed to elevate the bond strength of composites and resin cements. By carefully preparing the surface for adhesion, Rodin Silane Primer fosters initial bonds with the cement before restoration placement, ensuring a successful repair while enhancing long-term bond strength and wear resistance.

Applying an additional coat of Rodin Silane Primer facilitates the formation of covalent bonds, heightening the reactivity of the restorative surface to the repair resin. This increased wettability of the composite substrate surface enables the bonding agent to flow through surface micro-retentions more effectively, further enhancing the restoration's integrity.

Applications
✓ Silanization of ceramic or metal restorations before cementation
✓ Silanization of metal or ceramic during repairs of ceramic
✓ Chairside repair of damaged ceramic crowns and bridges

**471201** Rodin Silane Primer 1 X 5 ml bottle



## Rodin™ Luting Cement

NEW!

Dual Cure Resin Cement

Compared to Kerr NX3™ Luting Cement

- **Effortless Simplicity:** Achieves maximum adhesion without the need for a primer
- **Stability:** Unique color-stable formula allows for restorations to be placed throughout the mouth
- **Viscosity:** Unique viscosity produces ideal film thickness for better cementation
- **Exceptional Strength:** Best-in class bond strength and moisture resistance
- **Compatibility:** Compatible with a variety of ceramics, PFMS, dental metals, and CAD/CAM materials such as Rodin 3D Resins

Rodin Luting Cement is a 1:1 Universal dual-cure cement indicated for all indirect applications, including veneers and 3D printed materials. With an emphasis on simplicity and performance, this versatile resin-modified glass ionomer cement offers stronger levels of self-adhesion compared to traditional glass ionomer luting cements, while its unique chemistry ensures true color stability for lifelike restorations.

Indication for Use	
<b>Metal/Metal Based</b> ✓ Inlays/Onlays ✓ Crowns/Bridges ✓ Endodontic Posts ✓ On Implant Abutments	<b>Oxide Ceramics</b> ✓ Inlays/Onlays ✓ Crowns/Bridges ✓ Endodontic Posts ✓ On Implant Abutments

Rodin Luting Cement is the truly first luting cement designed to streamline restorative workflows by offering unparalleled compatibility with 3D printed materials, elevating the cementation to match the cutting edge level of 3D printed materials. Rodin™ Luting Cement eliminates the need additional primers, adhesives or cements, creating a true single solution. Easy to dispense via automix tips.

### 451101 Rodin Luting Cement Starter Kit

- |                                  |                               |
|----------------------------------|-------------------------------|
| 2 x 5 g Clear Syringe            | 1 x 5 g White Syringe         |
| 1 x 5 g White Opaque Syringe     | 1 x 5 g Bleach Syringe        |
| 1 x 3g Try-in Gel                | 1 x 3 g Try-in Gel White      |
| 1 x 3 g Try-in Gel White Opaque  | 1 x 3 g Try-in Gel Bleach     |
| 1 x 5 ml Rodin Bond Bottle       | 2 x Rodin EtchPro Etching Gel |
| 1 x 5 ml Silane Primer Bottle    | 10 x Applicator Tips          |
| 10 x Etching Gel Dispensing Tips | 1 x Directions for Use        |

### Rodin Luting Cement Refill Kit, 2 x 5g Syringes

- |                     |               |
|---------------------|---------------|
| 451102 Clear        | 451105 Yellow |
| 451103 White        | 451106 Bleach |
| 451104 White Opaque |               |

## PacCem Plus™

Permanent Cement

- Indicated for inlays and onlays
- Permanent results
- Prevents enamel decalcification
- Bonds to dentin and enamel

PacCem Plus is an innovative automix cement for various dental applications, offering initial flexibility to prevent cracking under pressure. Glass ionomer, renowned for its versatility in bonding and fluoride release, stands as the primary choice for luting, cavity lining, and restorations.

- |        |  |
|--------|--|
| PD136  | 1 x 6 g PacCem Plus syringe, 15 x blue mixing tips |
| PD-131 | 30 x brown mixing tips, 1:1 ratio                  |



## Rodin™ TempClear

NEW!

Temporary Cement

Compared to Kerr Temp-Bond™

- **Streamlined Placement:** Distinct composition for easy placement, ensuring a secure hold for various temporary dental applications
- **Ideal Consistency:** Ensures strong adhesion and easy removal for transitioning to permanent restorations
- **Tailored for 3D Printing:** Ideal match for temporary crowns and bridges crafted from advanced 3D resin materials
- **Versatility:** Can be effectively used as a liner or base under ceramic restorations



Rodin TempClear is a premium temporary dental cement developed for securing temporary dental restorations, including crowns and bridges. Its unique composition has been designed to streamline the placement process, ensuring a secure hold that is both easy to achieve and reliable across various applications.

Providing high bond strength to maintain the stability of the restoration, Rodin TempClear reduces the risk of leakage into the prepared tooth. This advanced cement features the ideal consistency for seating restorations, delivering strong adhesion while maintaining ease of removal for transitioning to a permanent restoration.

- |        |  |
|--------|--|
| 453101 | 2 x TempClear Syringes (11.8 g each)<br>20 x Mixing Tips |
|--------|--|

## Rodin™ TempCem

Automix NE With Releasing Agent

- Biocompatible
- Minimal post-sensitivity
- Strong bonding
- Excellent marginal seal
- Exceptionally easy to handle
- Thin film thickness
- X-ray opacity
- Negligible solubility
- No interference with cementation

A non-eugenol resin based temporary cement. Supplied in an easy-to-use automix dual barrel syringe with 15 mixers. The included releasing agent is specially formulated for easy removal of the temporary cement.



- |        |  |
|--------|--|
| PD130  | 1 x 6 g Rodin Automix NE, 15 x Brown Mixing Tips |
| PD132  | 1 x Rodin NE Part A (10 ml), 1 x Part B (10 ml)  |
| PD-142 | 1 x 3 g Releasing Agent                          |
| PD-131 | 30 x Brown Mixing Tips, 1:1 Ratio                |



**Rodin™ Optiflow**  
Nano Flowable Composites, LC

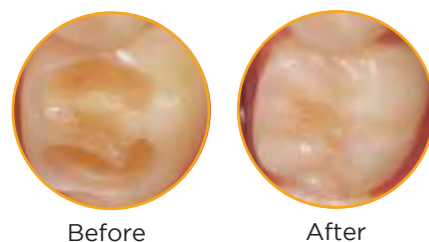


- Syringe allows for a convenient yet controlled dispensing process
- Improved polymerization shrinkage
- Optimized viscosity allows for precise procedures
- Holds shape while filling cavities

Rodin OptiFlow is a visible light-cure resin-based flowable restorative dental composite suitable for class III, class IV, and class V restorations. Additional functions include the repair of enamel defects, repair of porcelain restorations, minor occlusal build-ups in non-stress-bearing areas, pit and fissure sealant, cement for ceramic/composite veneers, incisal abrasions, and core build-ups.

Rodin OptiFlow's unique resin-filler chemical formulation provides the ideal flowing consistency for posterior restorations, as well as ease of polish and high gloss retention for anterior restorations.

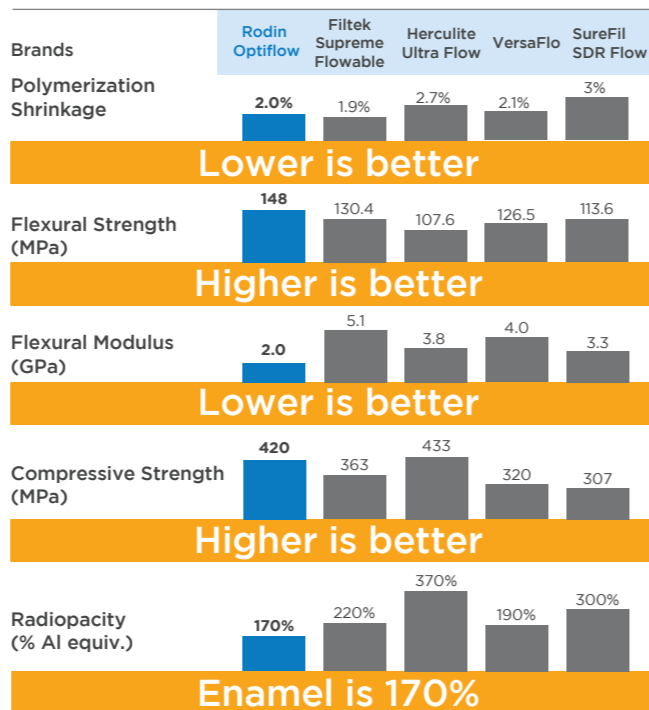
**Superior Adaptation**



ensures a tight marginal seal, decreasing voids

**TECHNICAL DATA**

Compressive Strength	420 (12) MPa
Diametal Strength	47 (3) MPa
Flexural Strength	148 (12) MPa
Flexural Modulus	63108 (166) MPa
Vicker's Hardness	382 (2) HV
Hardness Rockwell	82.0
%Vol. Shrinkage	3.1 (.01)
Radiopacity	200
%Gloss	29

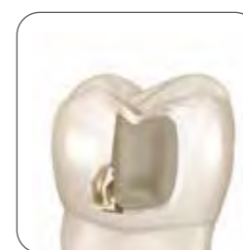


\*Data on file.

**Applications**

Rodin Optiflow flowable composite is an excellent choice as a cavity liner or base, with high strength and radiopacity. Its full list of indications include:

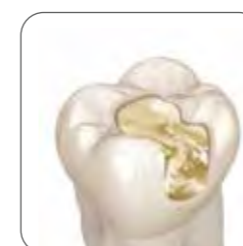
- Cavity liner or base
- Blocking out undercuts
- Repair of direct and indirect aesthetic restorations
- Temporary crown and bridge
- Defective enamel margins
- Sealing
- Tunnel restorations
- Direct restorative for small Class I, II, III, IV and V cavities



Block Undercuts



Fissure Sealant



Liner



Restore Small Defects

Self-leveling and bubble free consistency that effectively reduces instrumentation /polishing time



Scanning electron microscopy (SEM) image (10000X Resolution)

Great flowability and precise handling. Easily stacks without slumping and stays where it's placed.

Slump of 0.1 ml at 72°F at 1 minute	Millimeters of flow at 72°F at 1 minute
Rodin OptiFlow	37
VersaFlo	26
Tetric Flow	23
Revolution Formula 2	15



Shade	4 x 1.5 gm Syringes
A1	8201
A2	8202
A3	8203
A3.5	8204
B1	8206
B3	8209
C2	8212
D2	8215

Shade	High Viscosity
A1	8220
A2	8221
A3	8222

229 20 Ga, Flow, Black, 100/pk





### Rodin™ Universal Nano Hybrid Composites

- Lifelike restoration with very high radiopacity
- Effortless handling and long working time
- Available in both syringe and capsule
- Fluoride-releasing, caries protection
- Superior strength and high wear resistance
- Polish retention and high luster
- Minimal post-sensitivity and tooth-stress

Rodin Universal Nano Hybrid composite is formulated with a combination of inorganic and organic fillers. These materials are designed to offer a number of benefits, including excellent handling properties, high polishability, and good esthetics. They are often used for a variety of dental applications, including filling cavities and restoring teeth.

Pac-Dent's Nano Hybrid Dental Composite is designed to offer optimal handling and ease of placement, as well as long-lasting polishability and high wear resistance. It is intended to provide lifelike esthetics and a lasting appearance for dental restorations, making them indistinguishable from natural teeth.

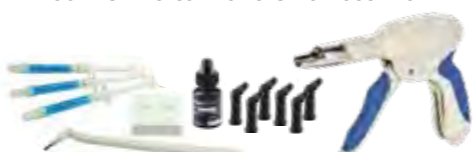


#### PD-7680S Rodin Universal Nano Syringe Kit:



- 1 x 4 gm Syringe Each in Shade A1, A2, A3, and B1
- 1 x 7ml PacBond
- 20 x Etching Tips
- 1 x Brush Tip Handle
- 3 x 1.2cc Etching Gel
- 2 x Well Mixing Wells
- 1 x Brush Tip
- 1 x Mixing Pad

#### PD-7680U Rodin Universal Nano Unit Dose Kit:



- 80 x 0.2 gm capsules, 20 of each shade A1, A2, A3, and B1
- 1 x 7ml PacBond
- 20 x Etching Tips
- 1 x Brush Tip Handle
- 3 x 1.2cc Etching Gel
- 2 x Well Mixing Wells
- 1 x Brush Tip
- 1 x Mixing Pad
- 1 x ProJect Dispensing Hun

#### Refill Kit

Shade	1 x 4 gm Syringe	4 x 4 gm Syringe	20 x 0.2 gm Unit Dose
A1	PD-7701	PD-7681	PD-7721
A2	PD-7702	PD-7682	PD-7722
A3	PD-7703	PD-7683	PD-7723
A3.5	PD-7704	PD-7684	PD-7724
B1	PD-7705	PD-7685	PD-7725
B3	PD-7707	PD-7687	PD-7727
C2	PD-7709	PD-7689	PD-7729
Universal	PD-7710	PD-7690	PD-7730

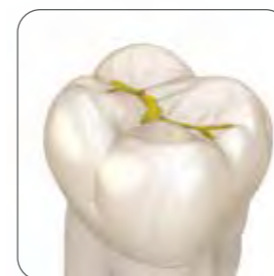
### Application

The Rodin Universal Nano Hybrid Composite can be used for Class I, II, III, IV, and V restorations. The full list of indications are:

- Class I, II, III, IV, and V cavities
- Fissure sealant
- Sealing hypersensitive areas
- Repair of direct and indirect aesthetic restorations
- Blocking out undercuts
- Liner or base
- Temporary crown and bridge
- Defective enamel margins



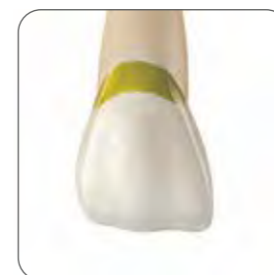
Class I



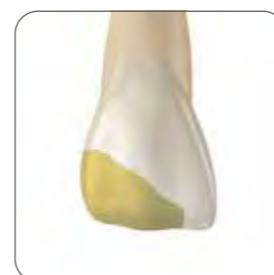
Minimum Intervention cavity



Class II



Class V



Class IV



Class III



Splinting

### ProCore™

#### Dual Cure Core Build-Up



ProCore is an automix, dual-cure syringe resin-based composite core build-up material. Features a consistent material mix and controlled dispensing. Offers outstanding stackability and cuts like dentin. Highly radiopaque and releases fluoride to prevent caries. Available in natural A2, contrasting blue.

- PD323** Intro Pack:
  - 1 x 50 ml Cartridges (Choose Between A2 and Blue)
  - 15 x Mixing Tips
  - 1 x Dispensing Gun



- PD328** Standard package:
  - 1 x 50 ml A2-Natural Cartridge
  - 10 x Mixing Tips



- PD325** Standard Package:
  - 1 x 50 ml Blue Cartridge
  - 10 x Mixing Tips

- PD-225** Yellow Intraoral Tips, 100/pk



- PD-F1211Y** 1:1, Compares to MixPac® Yellow Mixing Tip, 48/pk



- PD330** 1 x Dispensing Gun, 25 ml Cartridge. 1:1/2:1





**Rodin™ InteCem**  
Intermediate Restorative Material

NEW!

Compared to Dentsply IRM®

- Provides sedative like properties for hypersensitive tooth pulp
- High strength and abrasion resistance with low solubility
- Acts as a proper thermal insulator
- Ideal as a base under resin-free restorative materials
- Remains in place up to one year

The Rodin InteCem Intermediate Restorative Material is indicated for intermediate restorations intended to remain in place for up to one year.

This unique material, composed of polymer-reinforced zinc oxide-eugenol, uses the sedative like properties of eugenol to relieve hypersensitive tooth pulp, and functions as a proper thermal insulator for increased patient comfort. Rodin InteCem serves as an ideal base under resin-free cements and restorative materials including amalgam, inlays, and onlays.

Rodin InteCem has high strength properties similar to zinc phosphate cements, while offering high abrasion resistance, optimal sealing properties, and low solubility for superior restoration performance.

**Applications**

- ✓ Protective Base under resin-free restorative materials and cements
- ✓ Intermediate direct restorative filling
- ✓ Restorative emergencies
- ✓ Caries management
- ✓ Restoration of deciduous teeth

Note: Never use Rodin InteCem with resin based restorations, because eugenol inhibits polymerization.



The bright-white material, Rodin InteCem, is being placed with the use of the instrument shown in the image. Newly mixed Rodin InteCem has a puttylike consistency and must remain dry until it is completely set.

**452201 Rodin InteCem Kit:**  
1 x 38 g Powder & 1 x 14 mL Liquid

**iGlo™**  
Silicone Polisher

Compared to Dentsply® Enhance® and PoGo®



- **Enhanced Hygiene:** kit provides significant reduction of surface roughness and bacterial retention
- **Comprehensive Coverage:** the iGlo Silicon Polisher System's silicone discs provide exceptional coverage, ensuring no detail is overlooked during the finishing and polishing process
- **Optimal Torque:** the reinforced mandrel delivers optimal concentric torque, ensuring precision and control during the polishing process
- Latex-free

The iGlo Silicone Polisher Kit provides a comprehensive set of tools for finishing and polishing, resulting in smooth, plaque-resistant restorations with lifelike and natural esthetics. With silicon points, cups, and discs, this innovative polishing kit offers a comprehensive solution for achieving precise finishing and polishing of anterior and posterior composites, as well as various dental surfaces.



**PG-01 iGlo Silicone Polisher Combo Kit:**  
10 x cups, 10 x discs and 10 x points

iGlo Refill Kit	30/pk
Silicone Polisher, Cup	<b>PG-02</b>
Silicone Polisher, Disc	<b>PG-03</b>
Silicone Polisher, Point	<b>PG-04</b>

**iMatrix™ Composite Polisher**

NEW!



- Allows for fast and easy composite adjustments without polishing paste
- Provides ideal smooth and polished occlusal surface
- Eliminates restoration abrasiveness and opposing dentition
- Reusable, 3-step polishing system
- Latex-free

**411212 iMatrix Composite polishing kit:**  
12 x assorted polishers

<b>STEP 1</b> <b>*Trimming &amp; Shaping</b>		
	2 x Large white pointed polisher	2 x Small white pointed polisher
<b>STEP 2</b> <b>**Scratch removal &amp; pre-polishing</b>		
	2 x Large blue pointed polisher	2 x Small blue pointed polisher
	2 x Large disc polisher	2 x Small cup polisher
<b>STEP 3</b> <b>***High-gloss finishing</b>		
	2 x Small red pointed polisher	2 x Large red pointed polisher
	1 x Red disc polisher	1 x Red cup polisher

\* (10,000-12,000 RPM recommended) \*\* (8,000-10,000 RPM recommended) \*\*\* (6,000-8,000 RPM recommended)

## iFlo™ Delivery Tips

iFlo Delivery Tips are uniquely designed to easily deliver light, viscous, or highly filled gels. Ideal for delivering flowable composites, etching gels, and hemostatic solutions.

### iFlo™ Spiral Brush Tip

Compared to Vista Spira-Flow™ and Ultradent Inspiral® Brush Tips

**NEW!**

- Soft brush tip
- Single Luer-Locking hub
- Curved cannula tip
- Internal spiral channel
- Minimizing bubbles with adjustable nylon fibers
- Allows for precise control of etchants, resins, and adhesive

iFlo Delivery Tips	100/pk
Spiral Brush Tip	127



### iFlo™ Hemo-STAT Infusor Tip

Compared to Vista Stat-Flo™ and Ultradent Metal Dento-Infusor™

- Soft brush tip
- Single Luer-Locking hub
- Curved cannula tip
- Ideal for hemostatic agents

The iFlo™ Hemo-STAT infusor tip is a specially designed pre-bent 19 Ga. tip with soft bristles for noninvasive brushing and removal of superficial coagulum. Ideal applicator for most solutions, including hemostatic agents.

iFlo Delivery Tips	100/pk
Hemo-STAT Infusor Tip	125



### iFlo™ EZVisc Tip

Compared to Ultradent® Black Mini® Tip

- Available with brush tip
- Single Luer-Locking hub
- Curved cannula tip
- Ideal for viscous materials

The iFlo™ EZVisc tip is designed for the smooth delivery of low-viscosity adhesives, etches, sealants, and more. Allows for precise control and easy placement without clogging.

iFlo Delivery Tips	100/pk
EZVisc Tip with Brush	1169



### iFlo™ MicroEZ Tip

Compared to Ultradent® Black Micro™ FX™ Tips

- Stand-out fiber tip
- Single Luer-Locking hub
- Curved cannula tip
- Ideal for PacSeal™ pit & fissure sealant

The iFlo™ MicroEZ tip is ideal for delivering materials in a variety of viscosities in a thin and uniform layer with stand-out fibers.

iFlo Delivery Tips	100/pk
MicroEZ Tip	1357



### iFlo™ Microcapillary Tips

**NEW!**

Compared to Cetacaine® Delivery Tips

- Easy subgingival delivery
- Blunt-ended
- Bendable
- Ideal for GINGICaine® Benzocaine Topical Gel

iFlo Delivery Tips	100/pk
Microcapillary Tip	412101



### iFlo™ Capillary Tip

**NEW!**

Compared to Ultradent® Capillary Tips

- Narrow and flexible tip
- Minimizes need for paper points
- Double Luer-Locking hub
- Available with 45° angle tip
- Features a 0.019"/0.48mm opening for easy canal evacuation

iFlo Delivery Tips	100/pk
Capillary Tip	1457
Capillary Tip, 45° Angle	1557



### iFlo™ BluEz Applicator Tip

**NEW!**

Compared to Vista Blue-Flo™ Tips

- 23 Ga. opening
- 20 mm length
- Single Luer-Locking hub
- Curved cannula tip
- Designed for aeration, canal irrigation, and delivery of impression material

iFlo Delivery Tips	100/pk
BluEz Applicator Tip	129



### Pre-Bent Needle Tips

Disposable, blunt end pre-bent needle tips for use with etchants, resins and flowable composites. Available in 5 sizes/colors: 18 Ga.pink, 20 Ga.yellow, 20 Ga.black, 22 Ga.gray and 25 Ga.blue. Each package contains 100 needle tips.



Pre-Bent Needle Tips	100/pk
18 Ga. Liner, Pink	227
20 Ga. Flow-Sealant, Yellow	228
20 Ga. Flow, Black	229
22 Ga. Sealant-Cement, Gray	230
25 Ga. Etch, Blue	231

### ProDose™ Disposable Tubes & Plugs

Needle Tubes and Plugs	100/pk
Photo-Blocking Brown, 20 Ga, Low Viscosity	PD-R902B
Teal, Low Viscosity	PD-L903T



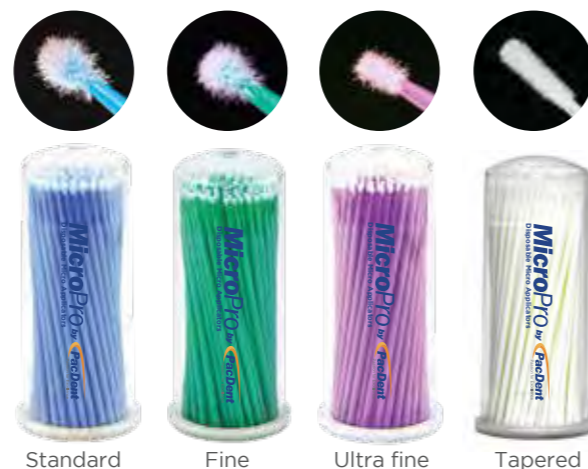
Separate Tubes and Plugs	100/pk
Photo-Blocking Brown, Low Viscosity	PD-L904B
Clear, Medium Viscosity	PD-M905C

Tubes and Plugs	100/pk
Black, High Viscosity	PD-906
Orange, High Viscosity	PD-H907B

### MicroPro™ Micro Applicators

Disposable, all-purpose micro applicators. Constructed with non-linting fiber ball ends. Ideal for applying sealant, etch, adhesives, and more.

MicroPro Micro Applicators	400/box
Standard, Blue (2.0mm)	901
Fine, Green (1.5mm)	902
Ultra fine, Purple (1.0mm)	903
Tapered, White	904



### Disposable Dappen Dishes

Disposable and available in 4 colors: white, yellow, blue and pink.

Dappen Dishes	1000/pk
Assorted Colors	004

Dappen Dishes	250/pk
White	004W
Yellow	004Y
Blue	004B
Pink	004P



### Mini Brush Applicators

Each package contains 100 applicators. Specify color when ordering.

Mini Brush Applicators	100/pk
Assorted	500M
Blue	500MB
Red	500MR
Yellow	500MY
Green	500MG



Bendable Tip



### Mixing Wells

Disposable mixing wells, available in 2 types: 2-well and 4-well. Each package contains 200 wells.

Mixing Wells	200/pk
4-Well	906
2-Well	907



### ProJect™ Composite Dispensing Gun

- Does not require hand adjustment
- Locking mechanism prevents carpule from dislodging
- Maintains balance with precision handling
- Compatible with all Unit-Dose materials on the market
- Ergonomic and comfortable to use

ProJect is a sleek, lightweight compule dispensing gun for precise placement of composite materials. It offers a comfortable grip, a secure compule lock, and smooth trigger control.

PJ-01 1 X ProJect Composite Dispensing Gun



### Composite Dispensing Gun

- Ergonomically designed dispensing gun
- Compatible with most unit-dose tips
- Ideal for all viscosity materials

CG-01 1 x Composite Dispensing Gun  
CG-02 1 x Composite Dispensing Gun with Metal Tip



# RODIN™ 3D Resin

## THE FUTURE IS HERE



Ceramic Nanohybrid - Zirconia Nanohybrid - Denture Base - Clear Bite Splint - Surgical Guide - Try-In - Bite Tray - Model (Tan) - Ortho IBT - Castable - Naturalizing Resin Kit - All-Purpose Glaze - 3D Printers

### Rodin™ Titan NEW! Ceramic Nanohybrid Resin



Introducing Rodin Titan, Pac-Dent's latest ceramic nanohybrid resin designed for printing long-term full arch restorations and provisional hybrid dentures. Rodin™ Titan preserves the core composition of Rodin™ Sculpture – a class II ceramic nanohybrid with analogous ceramic filler content, but now features a substantially increased flexibility for enhanced impact strength.

#### Benefits & Features



Improved Flexibility



High Impact Strength



Improved Aesthetics



Optimal Durability and Toughness



Vita Classic Shade System Matching



Lifelike Incisal Translucency



FDA 510K/Health Canada/TGA Cleared

#### APPLICATIONS



All on X



Denture Teeth



Veneers

#### Rodin Titan

- Recommended for Flexibility
- **For high impact prosthetic indications:** (All on Xs, screw retained dentures, full arch denture teeth)
- **Improved Flexibility:** Rodin Titan features a significantly reduced flexural modulus, providing exceptional high impact strength
- Rodin Titan features analogous ceramic filler content to Rodin Sculpture
- Class II Ceramic Nanohybrid

#### Rodin Sculpture 2.0

- Recommended for Strength
- **For temporary and permanent fixed restorations**
- **Improved Strength:** Rodin Sculpture 2.0 boasts an impressive Biaxial Flexural Strength of 200 MPa
- Sculpture 2.0 now consists of over 60% ceramic filler content, providing a substantial increase in strength and superior X-ray radiopacity
- Class II Zirconia-Infused Ceramic Nanohybrid

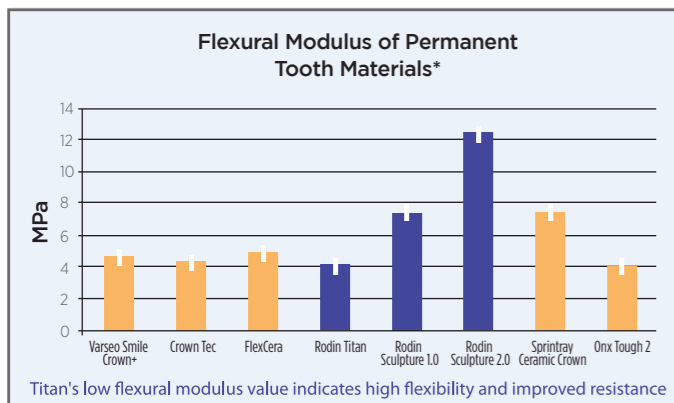
#### Rodin Sculpture

- Recommended for Aesthetics
- **For single crowns, inlays, onlays, and veneers, denture tooth arches, all-on-x provisionals**
- Rodin Sculpture features a Biaxial Flexural Strength of 175 MPa, and a Flexural Modulus of 6500
- Rodin Sculpture consists of over 50% ceramic filler content
- Class II Ceramic Nanohybrid



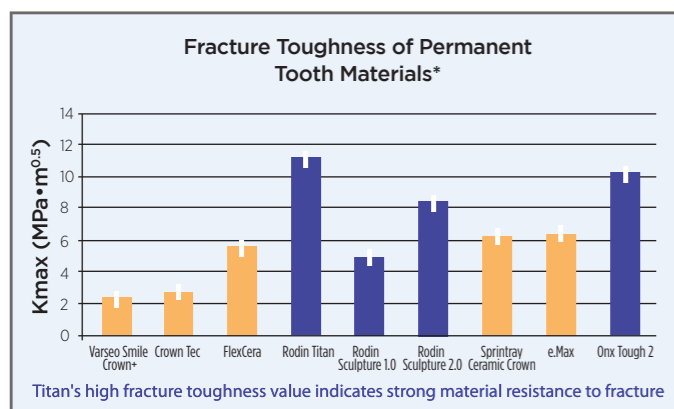
# Rodin™ Titan

## Ceramic Nanohybrid Resin



“Congratulations to Pac-Dent for their continuous innovation. Rodin Titan’s dynamic flexural modulus provides the flexibility needed for printing screw-retained prostheses and removable indications. I endorse Titan and the remarkable benefits it presents to clinicians and patients alike.

- Dr. Rick Ferguson DMD,DABOI/ID,DICOI



\*Third party validation data provided by Dr. Russell Giordano of Boston University

Order Information			
Shades	1.2 kg Bottle	600 g Bottle	300 g Bottle
OM1	24003	24004	24005
OM3	23985	23991	23997
A1	23987	23993	23999
A2	23988	23994	24000
A3	23989	23995	24001
B1	23986	23992	23998
C2	23990	23996	24002

Rodin Titan boasts greater flexibility than its other ceramic-nanohybrid counterparts. This lower flexural modulus value indicates that the material is more flexible, improving the fracture resistance of the printed restoration. Titan’s higher fracture toughness makes it the ideal choice for high impact prosthetic indications.



# Rodin™ Sculpture 2.0

## Zirconia Nanohybrid Resin

NEW!



Rodin Sculpture 2.0 is the next monumental evolution of Pac-Dent’s crown and bridge material. This zirconia-infused nanohybrid has been engineered to transcend the standards of permanent dental restorations. This next-generation resin achieves previously unseen levels of flexural strength and ceramic filler content, redefining what can be achieved through 3D printed restorations.

### Benefits & Features

- Unmatched Strength
- Best in Class Radiopacity
- Improved Aesthetics
- Qualifies for Select ADA Reimbursement Codes
- Optimal Durability and Toughness
- Vita Classic Shade System Matching
- Lifelike Incisal Translucency
- FDA 510K/Health Canada/TGA Cleared

### APPLICATIONS

- Permanent Crowns
- Bridges
- Implants
- Inlays & Onlays

#### Rodin Sculpture 2.0

- Recommended for Strength
- **For temporary and permanent fixed restorations**
- **Improved Strength:** Rodin Sculpture 2.0 boasts an impressive Biaxial Flexural Strength of 200 MPa
- Sculpture 2.0 now consists of over 60% ceramic filler content, providing a substantial increase in strength and superior X-ray radiopacity
- Class II Zirconia-Infused Ceramic Nanohybrid

#### Rodin Sculpture

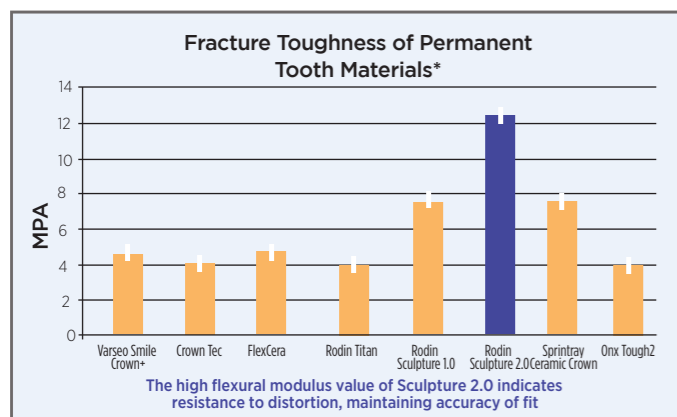
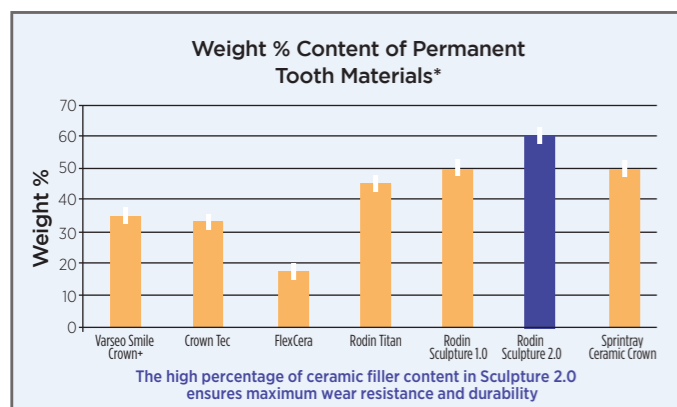
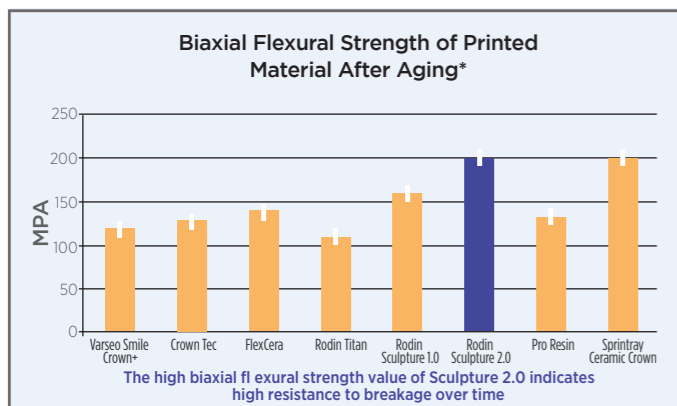
- Recommended for Aesthetics
- **For single crowns, inlays, onlays, and veneers, denture tooth arches, all-on-x provisionals**
- Rodin Sculpture features a Biaxial Flexural Strength of 175 MPa, and a Flexural Modulus of 6500
- Rodin Sculpture consists of over 50% ceramic filler content
- Class II Ceramic Nanohybrid

#### Rodin Titan

- Recommended for Flexibility
- **For high impact prosthetic indications:** (All on Xs, screw retained dentures, full arch denture teeth)
- **Improved Flexibility:** Rodin Titan features a significantly reduced flexural modulus, providing exceptional high impact strength
- Rodin Titan features analogous ceramic filler content to Rodin Sculpture
- Class II Ceramic Nanohybrid

# Rodin™ Sculpture

## Zironia Nano-Hybrid Resin



\*Third party validation data provided by Dr. Russell Giordano of Boston University

Order Information			
Shades	1.2 kg Bottle	600 g Bottle	300 g Bottle
OM3	23869	23887	23905
B1	23870	23888	23906
A1	23871	23889	23907
A2	23872	23890	23908
A3	23873	23891	23909
C2	23874	23892	23910
OM1	23875	23893	23911
B2	23876	23894	23912
B3	23877	23895	23913
B4	23878	23896	23914
A3.5	23879	23897	23915
A4	23880	23898	23916
C1	23881	23899	23917
C3	23882	23900	23918
C4	23883	23901	23919
D2	23884	23902	23920
D3	23885	23903	23921
D4	23886	23904	23922



“Analysis of Rodin Sculpture 2.0 reveals a highly filled printable resin with good mechanical properties that actually meets the ADA criteria for classification as a ceramic restorative material. Nearly all other printable materials marketed as permanent restorations do not meet this standard.

- Dr. Russell Giordano II, D.M.D., D.M.Sc. FADM, FADI, CAGS

# Rodin™ Sculpture

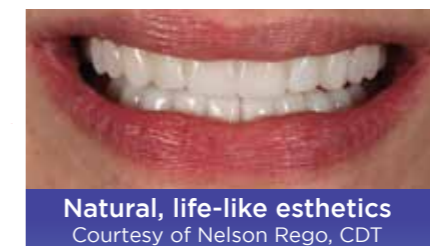
## Ceramic Nanohybrid Resin



Rodin Sculpture is the ideal ceramic nanohybrid for printing permanent and temporary crowns, bridges, inlays, onlays, veneers, and full crown arches for dentures.

### Benefits & Features

- Qualifies for Select ADA Reimbursement Codes
- Unmatched Strength
- Unrivaled Radiopacity
- Optimal Durability and Toughness
- Vita Classic Shade System Matching
- Lifelike Incisal Translucency
- FDA 510K/Health Canada/TGA Cleared
- Available in 18 Shades



Order Information			
Shades	1.2 kg Bottle	600 g Bottle	300 g Bottle
BLEACH	3DR-CNR-BL-1200	3DR-CNR-BL-600	3DR-CNR-BL-300
OM1	3DR-CNR-M1-1200	3DR-CNR-M1-600	3DR-CNR-M1-300
A1	3DR-CNR-A1-1200	3DR-CNR-A1-600	3DR-CNR-A1-300
A2	3DR-CNR-A2-1200	3DR-CNR-A2-600	3DR-CNR-A2-300
A3	3DR-CNR-A3-1200	3DR-CNR-A3-600	3DR-CNR-A3-300
A3.5	3DR-CNR-A3.5-1200	3DR-CNR-A3.5-600	3DR-CNR-A3.5-300
A4	3DR-CNR-A4-1200	3DR-CNR-A4-600	3DR-CNR-A4-300
B1	3DR-CNR-B1-1200	3DR-CNR-B1-600	3DR-CNR-B1-300
B2	3DR-CNR-B2-1200	3DR-CNR-B2-600	3DR-CNR-B2-300

Order Information			
Shades	1.2 kg Bottle	600 g Bottle	300 g Bottle
B3	3DR-CNR-B3-1200	3DR-CNR-B3-600	3DR-CNR-B3-300
B4	3DR-CNR-B4-1200	3DR-CNR-B4-600	3DR-CNR-B4-300
C1	3DR-CNR-C1-1200	3DR-CNR-C1-600	3DR-CNR-C1-300
C2	3DR-CNR-C2-1200	3DR-CNR-C2-600	3DR-CNR-C2-300
C3	3DR-CNR-C3-1200	3DR-CNR-C3-600	3DR-CNR-C3-300
C4	3DR-CNR-C4-1200	3DR-CNR-C4-600	3DR-CNR-C4-300
D2	3DR-CNR-D2-1200	3DR-CNR-D2-600	3DR-CNR-D2-300
D3	3DR-CNR-D3-1200	3DR-CNR-D3-600	3DR-CNR-D3-300
D4	3DR-CNR-D4-1200	3DR-CNR-D4-600	3DR-CNR-D4-300

## Rodin™ Denture Base 2.0

Denture Base Resin



Rodin Denture Base 2.0 is a biocompatible Class II material that is revolutionizing the creation of denture bases. With its improved flexibility, stability, and a diverse range of gingival shades, this advanced formula offers a new standard in denture fabrication, combining durability, aesthetics, and patient comfort.

### Benefits & Features



### Technical Data

Viscosity 23C (cps)	1300 - 2400 cPa
Shore Hardness ASTM D2240	> 95 Shore D
Flex Strength MPa (SD) ISO 20795-1	114 - 130 MPa
Flexural Modulus (MPa)	2063 - 2826 MPa



High transluency on Denture Base & Sculpture.  
Courtesy of Lee Culp, CDT, Sculpture Studios

Pink shade mimics gingiva tissue  
Courtesy of Daniel Nowak, CDT

#### Order Information

- 23860** Original Pink, 1 kg/Bottle
- 23861** Meharry, 1 kg/Bottle
- 23862** Light Pink, 1 kg/Bottle
- 23864** Classic Pink, 1 kg/Bottle

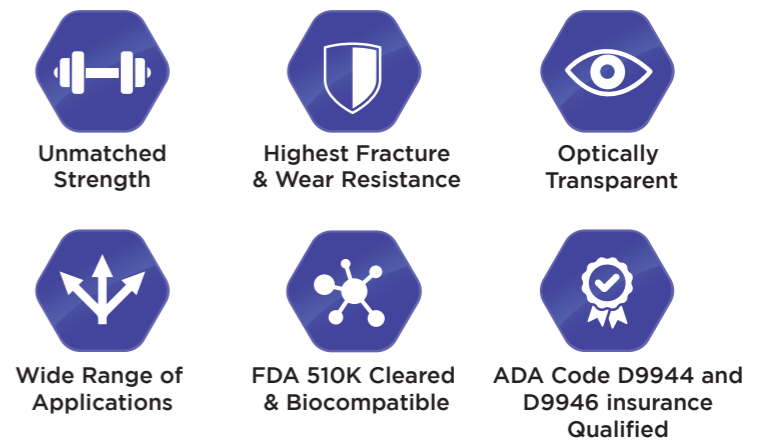
## Rodin™ Splint 2.0

Clear Bite Splint Resin



Rodin Splint 2.0 is at the forefront of dental resin technology, offering unmatched stability, strength, and wear resistance. Precisely engineered for 3D printing of dental splints, night guards, retainers, and snoring devices, this resin is the ideal choice for patients experiencing severe bruxism, night grinding, or snoring issues. Its superior physical properties ensure both effectiveness and longevity.

### Benefits & Features



### Technical Data

Viscosity 23C (cps)	400 - 650 cP
Shore Hardness ASTM D2240	> 95 Shore D
Flex Strength MPa (SD) ISO 20795-1	80 - 90 MPa
Flexural Modulus (MPa)	3527 - 4228 MPa



Finished print of Rodin Splint  
Courtesy of Rick Ferguson, DMD

#### Order Information

- 23865** Rodin Splint 2.0, Rigid, 1 kg/Bottle
- 23866** Rodin FlexiSplint, Soft, 1kg/Bottle



## Rodin™ Surgical Guide 2.0 Surgical Guide Resin

Rodin Surgical Guide 2.0 is a breakthrough in the field of dental surgical guides, offering unmatched flexural strength and durability. Specifically engineered for printing both full-arch and quadrant surgical guides, this high-performance resin is designed to withstand the rigors of surgical procedures, ensuring maximum shatter resistance and maintaining dimensional stability even under high temperatures.

### Technical Data

Flex Strength MPa (SD) ISO 20795-1	120 - 132 MPa
Flexural Modulus (MPa)	2038 - 2716 MPa

### Benefits & Features



#### Order Information

**23867** Rodin Surgical Guide 2.0, 1 kg/Bottle



## Rodin™ Try-In Denture Try-In Resin

Rodin Try-In is an ideal, low-cost solution intended for producing Try-In denture models prior to printing the final denture base and teeth.

### Technical Data

Flex Strength MPa (SD) ISO 20795-1	76 MPa
Flexural Modulus (MPa)	6407 MPa

### Benefits & Features



#### Order Information

**3DR-TIF** Rodin Try-In, 1 kg/Bottle



## Rodin™ Bite Tray Custom Bite Tray Resin

Rodin Bite Tray is a robust, highly filled resin designed for printing durable custom bite trays and impression trays.

### Technical Data

Flex Strength MPa (SD) ISO 20795-1	96 MPa
Flexural Modulus (MPa)	4398-4396 MPa

### Benefits & Features



#### Order Information

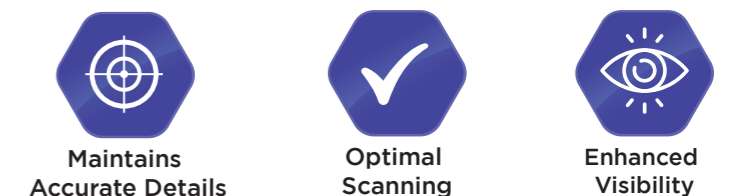
**3DR-TRAYF** Rodin Bite Tray, 1 kg/Bottle



## Rodin™ Model Model Resin

Rodin Model is specifically formulated to prevent settling of pigments, build strong models for thermo-forming, and features ultra-low shrinkage for dimensional accuracy of models, even when printed at 100 microns.

### Benefits & Features



### Applications

- ✓ Study Models
- ✓ Working Models
- ✓ Transfer Dies
- ✓ Solid Models

#### Order Information

**3DR-TANF** Rodin Model, 1 kg/Bottle



## Rodin™ Ortho IBT Ortho IBT Resin

Rodin Ortho IBT is highly flexible yet durable material for printing indirect bonding trays. Orthodontists can easily place multiple brackets at once, saving time per procedure.

### Benefits & Features



Flexes and Retains Natural Dentition



Traslucent for Light Cure Penetration



Enhanced Flexibility



### Applications

- ✓ Indirect Bonding Trays
- ✓ Bracket Positioning Guide

#### Order Information

**3DR-OIBTF** Rodin Ortho IBT 1 kg/Bottle



## Rodin™ Castable Castable Resin

Rodin Castable is a specifically designed burnout material for use with lost adequately-cast wax techniques.

### Benefits & Features



Maintains Accuracy



Ash-Free Burnout



Great Compatibility



### Applications

- ✓ Single Crown Framework
- ✓ Bridge Framework
- ✓ Anatomical Tops
- ✓ Full Contour Crowns
- ✓ Partial Denture Framework

#### Order Information

**3DR-CASTF** Rodin Castable 1 kg/Bottle

## Rodin™ Palette Naturalizing Kit



Image provided by Andrew Priddy, CDT



Image provided by Archibald Digital



Introducing Rodin Palette Naturalizing Kit by Pac-Dent, an innovative light-curable staining system that uses advanced nano-technology chemistry inspired by Rodin Sculpture to guarantee a delamination-free bond. Offered in a wide range of colors and shades, Rodin Palette provides users with tools to replicate natural tooth and gingiva features. Enhancing both visual appeal and durability, it's ideal for long-term provisional and permanent 3D-printed restorations.

- Comprehensive color selection empowers users to precisely characterize and color match restorations and provisional appliances with stunning accuracy.
- Provides best-in-class wear resistance, ensuring long-lasting performance.
- Indicated for use with indirect and direct composite restorations and provisionals comprised of ceramic resin.
- Requires a Nitrogen Based Curing System for optimal results.

#### Order Information

**3DR-PLT-KIT** Rodin Palette Intro Kit:  
14 x Pre-Filled 1 ml Syringes  
1 x Rodin Glaze 60g Bottle  
1 x Mixing Well  
3 x Brushes

## PALETTE

Naturalizing Kit Refills

White 3DR-PLT-WHT	Yellow 3DR-PLT-YLW	Red 3DR-PLT-RED	Blue 3DR-PLT-BLU	Violet 3DR-PLT-VLT	Magenta 3DR-PLT-MGT	Pink 3DR-PLT-PNK
A Base 3DR-PLT-ABS	B Base 3DR-PLT-BBS	C Base 3DR-PLT-CBS	D Base 3DR-PLT-DBS	Cream 3DR-PLT-CRM	Orange Brown 3DR-PLT-ORG	Dark Brown 3DR-PLT-DBN



Rodin™ Palette Refill Kit



“Rodin Palette has working characteristics unlike anything I've encountered and is a serious addition to any 3D line. Material control is key to some stunning effects with this product.”  
- Andrew Priddy, CDT

**Rodin™ All-Purpose Glaze**  
Light-Curable Naturalizing Resin



**Rodin All-Purpose Glaze** is a biocompatible, Class II, light-curable resin meticulously designed for external surface characterization of various dental materials such as prefabricated teeth and denture base resins. This versatile glaze is suitable for both direct and indirect dental restorations made from hybrid ceramic, PMMA, and acrylic-based dental composite materials. Furthermore, Rodin All-Purpose Glaze enhances the translucent optical effect of 3D printed materials which can be used with a wide range of applications.

- Enhances characterization for a wide range of dental applications, including crowns, bridges, inlays, onlays, veneers, dentures, and all-on-x provisionals
- Enhances translucency for 3D printed corrective oral appliances and implant positioning surgical guides
- Seals and repairs micro-fractures resulting from support removal and finishing processes
- Exhibits low water absorption and resistance to discoloration, ensuring durability
- Requires a Nitrogen Based Curing System for optimal results

**Order Information**

**3DR-GLZ-15** Rodin All-Purpose Glaze, 15 g Bottle

**3DR-GLZ-60** Rodin All-Purpose Glaze, 60 g Bottle



15 g

60 g



Before

After



**Rodin™ Resins Applications**

**Denture Teeth**



Rodin™ Titan or Rodin™ Sculpture

**Crowns & Bridges**



Rodin™ Sculpture 2.0 or Rodin™ Sculpture

**All-on-Xs**



Rodin™ Titan or Rodin™ Sculpture

**Inlays & Onlays**



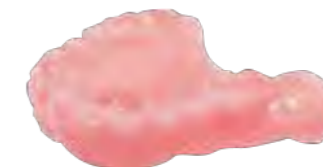
Rodin™ Sculpture 2.0 or Rodin™ Sculpture

**Veneers**



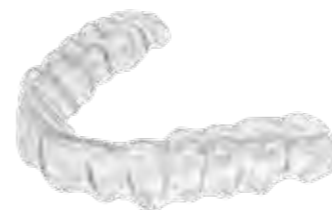
Rodin™ Titan or Rodin™ Sculpture

**Full & Partial Denture Bases**



Rodin™ Denture Base 2.0

**Night Guards & Splints**



Rodin™ Splint 2.0

**Surgical Guides**



Rodin™ Surgical Guide 2.0

**Bite Trays**



Rodin™ Bite Tray

**Dental Models**



Rodin™ Model

**Try-In Models**



Rodin™ Try-In

**Indirect Bonding Trays**



Rodin™ Ortho IBT

Pac-Dent is dedicated to continuing expansion of the list of devices that are compatible with our Rodin™ 3D Resins. We believe in giving you freedom of choice when it comes to your preferred printing device. See below for our most up-to-date validation and verification status chart.

Validation Status	✓ Verified Compatibility			⌚ Scheduled Validation			● Incompatible							
Compatible Printers	Rodin™ Sculpture 2.0	Rodin™ Titan	Rodin™ Sculpture Ceramic Nanohybrid	Rodin™ Denture Base	Rodin™ Denture Base 2.0	Rodin™ Splint 2.0	Rodin™ Clear Bite Splint	Rodin™ Custom Bite Tray	Rodin™ Surgical Guide 2.0	Rodin™ Surgical Guide	Rodin™ Try-In Denture	Rodin™ Ortho IBT	Rodin™ Model	Rodin™ Castable
Ackuretta SOL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●
Asiga® MAX (385 nm)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asiga® Pico 2 (385 nm)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asiga® Pro 4K (385 nm)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbon® 3D (M1, M2, M3)	⌚	⌚	✓	⌚	⌚	⌚	⌚	✓	⌚	⌚	⌚	⌚	⌚	⌚
Flashforge® Focus 6K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	●
Nexa Xip	⌚	⌚	✓	⌚	✓	✓	⌚	⌚	✓	⌚	⌚	⌚	✓	⌚
Phrozen® Sonic Mini 4K	✓	✓	✓	●	✓	✓	●	✓	✓	●	✓	✓	✓	●
Phrozen® Sonic Mini 8K	✓	✓	✓	⌚	✓	✓	✓	⌚	✓	⌚	✓	⌚	✓	⌚
Phrozen® Sonic Mini 8K S	✓	✓	✓	⌚	⌚	⌚	⌚	⌚	⌚	✓	⌚	⌚	✓	⌚
Phrozen® Sonic 4K	✓	✓	✓	●	✓	✓	●	✓	✓	●	✓	✓	✓	●
Phrozen® Sonic 4K XL	⌚	⌚	✓	●	✓	✓	●	✓	✓	●	✓	✓	✓	●
RayShape Shape 1+Dental	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
RayShape Edge E1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
Shining 3D L4D/L4K	✓	✓	✓	✓	✓	✓	✓	⌚	✓	✓	✓	✓	✓	✓
Shining 3D D1s	✓	✓	✓	⌚	✓	✓	✓	⌚	✓	⌚	⌚	⌚	⌚	⌚
Whip Mix VeriEKO	⌚	⌚	✓	✓	⌚	⌚	⌚	⌚	⌚	⌚	⌚	⌚	⌚	⌚

Validation Status	✓ Verified Compatibility														
	Rodin™ Sculpture 2.0	Rodin™ Titan	Rodin™ Sculpture Ceramic Nanohybrid	Rodin™ Denture Base	Rodin™ Denture Base 2.0	Rodin™ Splint 2.0	Rodin™ Clear Bite Splint	Rodin™ Custom Bite Tray	Rodin™ Surgical Guide 2.0	Rodin™ Surgical Guide	Rodin™ Try-In Denture	Rodin™ Ortho IBT	Rodin™ Model	Rodin™ Castable	Rodin™ Palette
Dreve PCU LED N2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
Ackuretta Curie Plus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
Ackuretta Curie	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
Formlabs® Form Cure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⌚
Otoflash	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**For Best Aesthetics and Mechanical Properties**

**MOST RECOMMENDED**

**Featured Gallery**



**Dr. Rick Ferguson**  
DMD, DABO/ID, DICOI



**Lee Culp**  
CDT, CEO of Sculpture Studios



**Eugene Royzengurt**  
LD, BTSC, Apple Dental Laboratory



**Andrew Priddy**  
CDT, C2C Dental Lab





# RODIN PRODLP

Designed For Dental Practices & Labs

Rodin ProDLP is Pac-Dent's latest DLP (Digital Light Processing) printer designed to provide a user-friendly 3D printing solution that delivers reliable and consistent results. The incorporation of a long-term DLP light engine means users no longer need to repair or replace optical components periodically. Engineered for the high precision and speed demands of Dental 3D printing, the Rodin ProDLP delivers high-quality results for a wide range of dental applications.



### Effortless Material Compatibility

With pre-configured print settings for the complete range of Rodin Resin products, users can effortlessly achieve consistent and dependable final results



### Fast Printing

allows for fast printing of full upper and lower arches, making it perfect for applications like aligners, study models, dentures, and splints



### Accuracy

Built with a high-precision linear guide module that guarantees accurate layer thickness and impeccable surface quality



### User-Friendly Touchscreen Interface

Featuring a 7" touchscreen equipped with a powerful onboard computer, this printer ensures a streamlined printing experience

### Ideal for Applications of:

- Surgical Guides
- Splints
- Casting
- Implant Models
- Try-In
- Custom Trays
- Denture Teeth
- Temporary Restoration
- Denture Base
- Long-Term Crowns and Bridges
- Clear Aligner
- Indirect Bonding Trays

### Order Information

**SPR-D** Sculptur Rodin ProDLP, 1 Unit



Technical Specifications	
Build volume	5.67 × 3.19 × 7.48 inch (144 × 81 × 190 mm)
Pixel Size	75 μm
Dynamic Layer Thickness	0.025-0.1 mm
Technology	DLP
Print Speed	Up to 40mm (1.5 inches) / 1 hour ( Depending on the resin type and slicer settings )
Materials	Rodin 3D Resin / Open System
Touchscreen	7"
Device Dimension	16.54×15.75×23.78 inch (420×400×604 mm)



# RODIN PROLCD

The Ideal Choice To Get Digital

Designed for embracing the digital dentistry era, Rodin ProLCD provides the ideal solution for optimizing traditional dental workflows. This innovative printer utilizes monochrome LCD technology at 405 nm to deliver consistent yet precise results. Rodin ProLCD provides the speed, precision, and intuitive user interface needed to meet the demands of Dental 3D printing.



### Effortless Material Compatibility

With pre-configured print settings for the complete range of Rodin Resin products, users can effortlessly achieve consistent and dependable final results



### Fast Printing

allows for fast printing of full upper and lower arches, making it perfect for applications like aligners, study models, dentures, and splints



### Compact Design

Features a compact device dimension of 390 × 420 × 535 mm, making it a space-efficient addition to your workspace



### User-Friendly Touchscreen Interface

Featuring a 7" touchscreen equipped with a powerful onboard computer, this printer ensures a streamlined printing experience

### Ideal for Applications of:

- Surgical Guides
- Splints
- Denture Base
- Custom Trays
- Try-In
- Denture
- Working Model
- Indirect Bonding Trays
- Models with Dies
- Long-Term Crowns and Bridges
- Clear Aligner
- Temporary Restoration

### Order Information

**SPR-L** Sculptur Rodin ProLCD, 1 Unit



Technical Specifications	
Build volume	7.56 × 4.72 × 7.48 inch (192 × 120 × 190 mm)
Pixel Size	50 μm
Dynamic Layer Thickness	0.05-0.1 mm
Technology	LCD
Print Speed	Up to 40mm (1.5 inches) / 1 hour ( Depending on the resin type and slicer settings )
Materials	Rodin 3D Resin / Open System
Touchscreen	7"
Device Dimension	15.35×16.54×21.06 inch (390×420×535 mm)





	RODIN PROLCD	RODIN PRODLP
<b>Build Volume</b>	192 × 120 × 190 mm	144 × 81 × 190 mm
<b>Technology</b>	LCD	DLP
<b>XY Resolution</b>	50 µm	75 µm
<b>Type</b>	Chairside / labs	Chairside / labs
<b>Warranty</b>	1 year	1 year
<b>Maintenance Work</b>	Replacing the mono LCD screen periodically	None
<b>Material System</b>	Rodin 3D Resin / 100% Open Material System	Rodin 3D Resin / 100% Open Material System
<b>Target customers</b>	<ul style="list-style-type: none"> <li>✓ Entry level dental practices</li> <li>✓ Small labs</li> </ul>	<ul style="list-style-type: none"> <li>✓ Dental practices</li> <li>✓ Small &amp; medium dental labs</li> </ul>
<b>Applications</b>	<ul style="list-style-type: none"> <li> Long-Term Crowns &amp; Bridges</li> <li> Temporary Restoration</li> <li> Denture &amp; Denture Bases</li> <li> Surgical Guides</li> <li> Dental Model</li> <li> Splints &amp; Clear Aligner</li> <li> Try-In</li> <li> Indirect Bonding Trays</li> <li> Custom Trays</li> </ul>	<ul style="list-style-type: none"> <li> Long-Term Crowns &amp; Bridges</li> <li> Temporary Restoration</li> <li> Denture &amp; Denture Bases</li> <li> Surgical Guides</li> <li> Implant models</li> <li> Splints &amp; Clear Aligner</li> <li> Try-In</li> <li> Indirect Bonding Trays</li> <li> Casting</li> </ul>

## IMPRESSION & ACCESSORIES



Mixing Tips - Static/Dynamic Mixer - Impression Gun - Impression Trays - Type-O-Putty - Impression Cartridges Connector - Impression Materials



### T-Mixer Mixing Tips

- Reduced material waste up to 30%
- No change in working environment angles
- More homogeneous mixing results enhance application safety

Innovative mixer design allows for a more compact shape, reducing material waste. Advanced technology leads to more efficient material processing, achieving more homogeneous mixing results.

T-Mixer	50/pk
3.2 mm, 4:1/10:1, Blue	<b>TM268</b>
Blue Tips, 1:1 Ratio	<b>TM269</b>
2.5 mm, Brown	<b>TM267</b>

### Intraoral Mixing Tips

- Color-coding system
- Precise and easy dispensing

Intraoral tips feature innovative color-coding system: simply match the colored intraoral tips with the corresponding mixing tips and dispense as usual. The intraoral tips will allow impression materials to flow easily into the delicate margins of tooth preparations, while keeping the materials bubble-free.

Intraoral	24/box
Ribbon Tips	<b>PD370</b>
Root Canel Regular Tips, Clear	<b>PD371</b>
Root Canel Extra Fine Tips, Clear	<b>PD372</b>



Intraoral	100/box
Clear Tips, Regular	<b>PD-220</b>
Clear Tips, Large	<b>PD-221</b>
Yellow Tips, for yellow HP mixers	<b>PD-225</b>
Pink tips, for Pink HP Mixers	<b>PD-220P</b>
Teal tips, for Yeal HP Mixers	<b>PD-220T</b>



### Pac-Dent HP Mixing Tips

High performance mixing tips, various available sizes/colors for different mixing needs.

HP Mixing Tips	48/box	100/box
Yellow tip, 4.2 mm	<b>PD250</b>	<b>PD250B</b>
Teal Tip, 6.5 mm	<b>PD255</b>	<b>PD255B</b>
Purple Tip, 7.5 mm	<b>PD260</b>	—
Pink Tip, 5.4 mm	<b>PD265</b>	—

HP Mixing Tips	30/box
1:1 Brown Mixing Tips	<b>PD-131</b>
1:1 Brown Mixing Tips, Taper End (Shorter than PD-131)	<b>PD139</b>

HP Mixing Tips	25/box	50/box
10:1/4:1 Blue (Orange Inside)	<b>110351-25</b>	<b>110352-50</b>
1:1 Short w/ Taper End, Blue	<b>PD211-25</b>	<b>PD211-50</b>



HP Mixing Tips	25/box
T-Mixer Combo for Cement: Brown Mixing Tip with Black Mixing Element (Black Tip)	<b>PD156</b>
T-Mixer Combo for Cement: Brown Mixing Tip for Cement 1:1 Clear Tip	<b>PD157</b>
Core Materials Brown Mixing Tip with Extra Fine Intra-oral Tip	<b>PD158</b>
Core Materials Brown Mixing Tip With Intra-oral Tip	<b>PD159</b>

### iMix® Static/Dynamic Mixer

- Designed for 3M Pentamix 2 and 3.
- No bleeding necessary, eliminating material waste.
- Reduce bubbles and save materials.
- Compatible with most dynamic mix cartridges.



The patented static/dynamic mixer is designed to combine the advantages of static and dynamic mixing in order to reduce bubbles normally caused by dynamic fast mixing of impression materials.

Compatible with Most Dynamic Cartridges	
<b>Red Tip</b> 3M Pentamix™ 2 and 3	<b>Yellow Tip</b> Take 1 Advanced™, AlgiNot / Kerr VP Mix™ 380 / Henry ScheinAFFINIS® / Coltene Flexitime®, Xantasil® Dynamix / Heraeus Kulzer Correct Plus® Mighty Mix™ / Pentron Virtual® XD 380 / Ivoclar Vivadent Cinch™ 90 Super Cartridges / Parkell Elite HD+ / Zhermack Betasil® VARIO IMPLANT / Muller-Omicron
<b>Green Tip</b> Silginat®, Identium®, Panasil® / Kettenbach EXAJET™ / GC Splash®, Precision® / Denmat Honigum®, Silagum®, StatusBlue® / DMG	

iMix Mixer	50/box
Red	PD-105
Green	PD-118G
Yellow	PD-118T

iMix Mixer	2/box
Yellow Bayonet Ring	PD265

### Dynamic Mixer for Pentamix™ 1 & 2

Dynamic mixer designed for Pentamix 1 & 2. Comparable to 3M's Penta Mixer, Red.



Dynamic Mixer	50/box
Red	PD-104

### iMix® Impression Gun



- Release lever and plunger are coordinated simultaneously to load and remove the cartridge
- Works with 1:1 and 2:1 cartridges

iMix impression gun is used to accurately extrude VPS impression materials and bite registration materials from cartridges. iMix impression gun fits all standard size cartridges.

PD-115	1 x HP mixing gun, 1:1
PD-177	1 x HP mixing gun, 4:1/10:1

### Opti-Quad™ Metal Reinforced Disposable Bite Trays

NEW!

Compared to Quad-Tray™

- Rigid aluminum design prevents distortion
- Features low sidewalls and wider arch
- Customizable arch to match every patient
- Large handle for effortless handling

Opti-Quad Bite Trays are rigid aluminum dual-arch impression trays designed to make distortion-free impressions easier than ever.



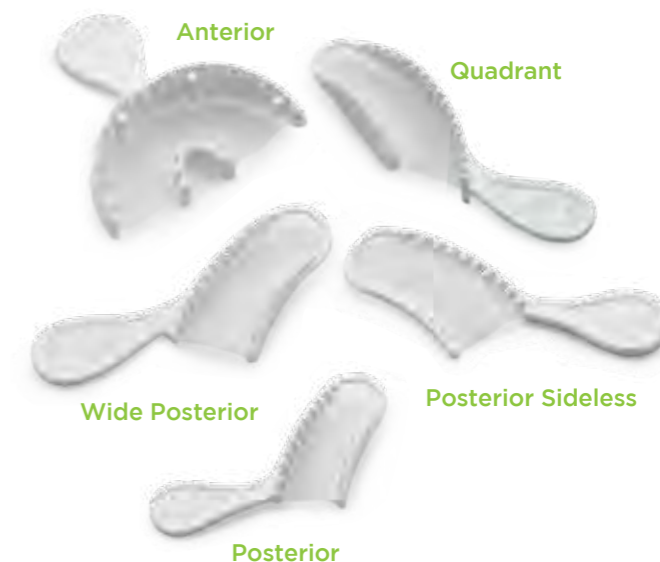
The Opti-Quad tray features an integrated mesh that prevents material loss, while extending to the handle to ensure the accurate impression of up to four teeth. Each impression tray features low sidewalls, a thinner distal bar, and an adjustable arch to match any arch size. Available in posterior, extra-long posterior, and anterior variations.

Opti-Quad Metal Reinforced Bite Tray	50/box
Full Quadrant Dual Arch	631101
Anterior Double Arch	631103

Opti-Quad XL Metal Reinforced Bite Tray	40/box
Extra Long Double Arch	631102

### iMesh™ Impression Trays

- Ergonomic handles for easy seating and removal
- Anatomical design for maximum comfort
- Quicker cementing requiring fewer adjustments
- Less chair time, impression material and corrections
- Thin, non-tear mesh for superior strength and maximizes intercuspation of the teeth to ensure an accurate bite



iMesh	40/box
Intro pack assorted	421

iMesh	35/box
Anterior	422
Quadrant	424

iMesh	50/box
Posterior	423
Posterior Sideless	425
Posterior Wide Body	426



### Opti-Tray™ Disposable Impression Trays

- Strong, rigid, distortion-free construction
- Anatomically designed
- Smooth edges for comfort
- Excellent retention for impression materials

Highly impact-resistant, light blue plastic impression trays. Rigid, distortion-free, and compatible with a wide variety of impression materials. Perforations are designed to enhance consistent flow and retention.

Perforated Impression Tray	12/pk
Upper Large	<b>411</b>
Lower Large	<b>412</b>
Upper Medium	<b>413</b>
Lower Medium	<b>414</b>
Upper Small	<b>415</b>
Lower Small	<b>416</b>
Upper Left/Lower Right Quadrant	<b>417</b>
Upper Right/Lower Left Quadrant	<b>418</b>
Upper Anterior	<b>419</b>
Lower Anterior	<b>420</b>
Non-Perforated Impression Tray	12/pk
Upper Left/Lower Right Quadrant	<b>N417</b>
Upper Right/Lower Left Quadrant	<b>N418</b>
Upper Anterior	<b>N419</b>
Lower Anterior	<b>N420</b>

### Type O Putty VPS Impression Materials



- Excellent detail reproduction
- Pliable consistency
- Ultra high viscosity
- High tear strength
- Blends quickly and easily
- Easy removal from the patient's mouth

**001V** 2 x 300 ml Jars (1 base, 1 catalyst), Regular set  
**Working Time** - 2 min **Set Time** - 4 min

### Impression Cartridges Connector



HP cartridges connector to transfer unused left-over materials to charge another cartridge.

**PD-110** HP cartridges connector to transfer unused materials, 5/pk

### Elements™ Bite Registration Impression Materials



- Low resistance consistency allows natural movement of the jaw
- Excellent hardness prevents distortion in disposable trays
- Thixotropic formula stays in place and will not drip, run or sag
- Excellent readability
- Variable set times

Elements Bite Registration materials are formulated to have a light, mousse-like consistency ideal for occlusal registration. The material is thixotropic and stays where placed. Elements Bite Registration materials offer variable setting times, sets rock hard and are easy to trim.

Set Speed	Working Time	Set Time
Regular Set	1 min 30 sec	3 min
Fast Set	45 sec	1 min 30 sec
Super Fast Set	30 sec	1 min

Each box contains: 2 x 50 mL Cartridges plus 6 Mixing Tips

- PD187** Fast Set, Mint flavor
- PD186** Fast Set, Unflavored
- PD190** Regular Set, Unflavored
- PD185** Super Fast Set, Unflavored

Bulk Pack contains: 4 x 50 mL Cartridges

- PD187-4** Fast Set, Mint flavor
- PD186-4** Fast Set, Unflavored
- PD190-4** Regular Set, Unflavored
- PD185-4** Super Fast Set, Unflavored

### Elements™ VPS Impression Materials



- No distortion under dimensional change or temporary deformation
- Detailed and precise replications without voids or gaps
- Hydrophilicity lasts throughout the total working time.
- Wide selection of setting times and viscosities

Elements VPS impression material provides consistent, accurate and stable impressions. It features excellent tear strength and elongation for dimensional stability and precise replications in any environment.

Elements VPS material flows into narrow crevices under pressure and immediately overcomes residual moisture to produce crisp detail of the preparation margin. It also resists dripping from the tooth into the oral cavity.

Set Speed	Working Time	Set Time
Regular Set	2 min 30 sec	5 min
Fast Set	1 min 30 sec	3 min

Each box contains: 2 x 50 mL Cartridges plus 6 Mixing Tips

- PD135** Light Body, Regular Set
- PD135F** Light Body, Fast Set
- PD140** Regular Body, Regular Set
- PD140F** Regular Body, Fast Set
- PD150** Heavy Body, Regular Set
- PD150F** Heavy Body, Fast Set
- PD160** Monophase, Regular Set

Bulk Pack contains: 4 x 50 mL Cartridges

- PD135-4** Fast Set, Mint Flavor
- PD135F-4** Fast Set, Unflavored
- PD140-4** Regular Set, Unflavored
- PD150F** Super Fast Set, Unflavored
- PD160** Monophase, Regular Set

# ENDODONTIC



Rotary Files - Rotary Glide Path Files - Reciprocating Files - Hand Files - Irriation/Activation System - LED Piezo Ultrasonic Scaler - Irrigation Solutions - Irrigation Refill Station - Root Canal Preparation Lubricant - Needle Tips - Irrigation Syringes - Thermal Obturators - Gutta-Percha Points - Gutta-Percha Pellets - Paper Points - Gutta-Percha Remover - Verifiers - Pulp Vitality Spray - MTA Carrier - Sponges - Root Canal Sealer - Utility Syringes - Endo Aid Kit & Refills - Endo Ruler - Cordless Endomotor - Post System

Pg.84

## Say Hello to

# iVac™

Apical Negative Pressure Irrigation and Activation System



iVac Intro Kit



Tips available in two sizes: 0.35 and 0.50



iVac LED Piezo Ultrasonic Scaler



Irrigation Solutions

Pac-Dent iVac™ irrigation system provides the synergistic effect of negative pressure, continuous irrigation, and ultrasonic activation in one easy-to-use device.

Patent Pending

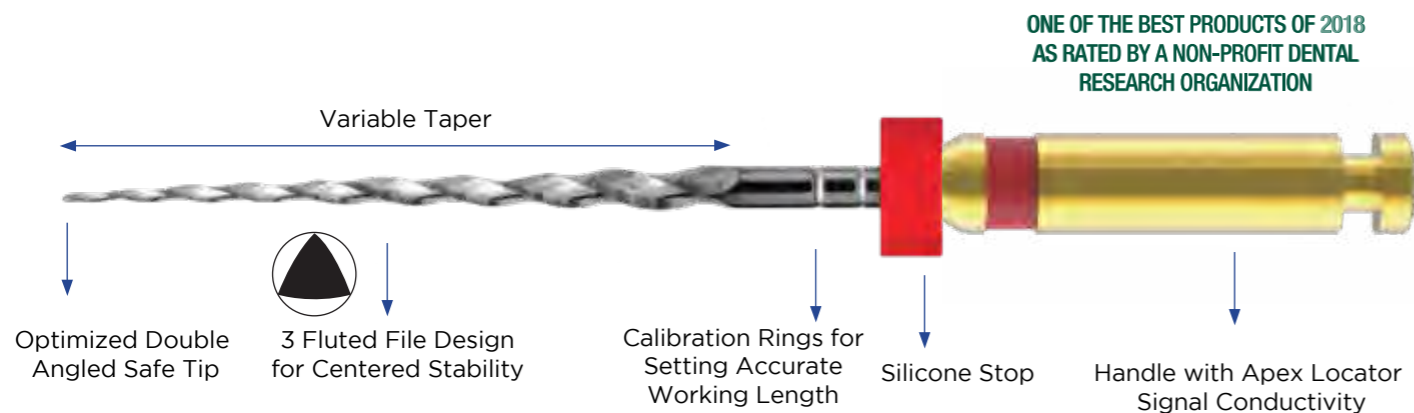
# Pac-Taper™

## Progressive Taper NiTi Rotary Files

Pac-Taper NiTi Compared to Dentsply ProTaper Next®

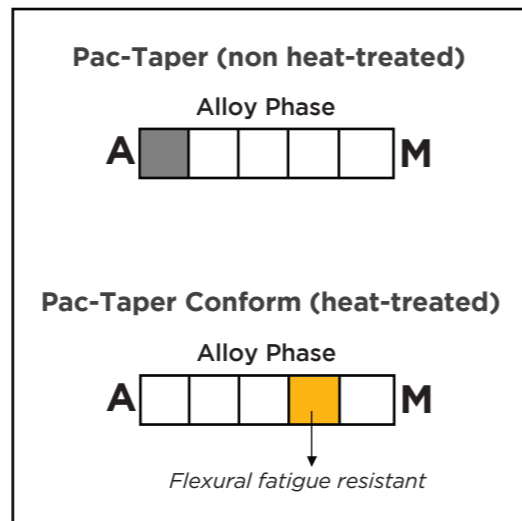
Pac-Taper Conform Compared to Dentsply ProTaper®, ProTaper Gold®, EdgeTaper Blaze Utopia™

### The classic progressive taper file with enhanced flexibility



Pac-Dent's Pac-Taper files series uses advanced manufacturing techniques to maintain its multiple tapered design. The traditional progressive taper preserves the root structure while creating a funnel-shaped instrumentation. These versatile files come in non-heat-treated NiTi and heat-treated NiTi alloy (Conform) options, providing excellent cutting performance for different canal anatomies and safe retreatment solutions.

- Multi progressive taper creates a smooth enlargement of the canal without ledging or straightening
- Tapered shape canal enlargement for a convenient thermoplastic obturation
- Pac-Taper is also offered without heat-treatment or heat treated (Pac-Taper Conform)
- Pac-Taper Conform is balanced for cutting efficiency and flexibility with a proprietary heat-treatment process
- If the file is overstressed, Pac-Taper Conform will unwind it before it separation, warning that there is too much torsional stress
- Pac-Taper Conform has no spring-back effect. It can be pre-bent



Dentsply ProTaper, ProTaper Gold, ProTaper Next; EdgeTaper Blaze Utopia are trademarks of their respective holders. Use of their name does not imply any affiliation or endorsement from them.

# Pac-Taper™ Conform

(featuring a gold handle)

Perfectly balanced heat treatment that delivers both remarkable flexibility and unmatched strength.



The Pac-Taper Conform file series is crafted with precision, utilizing a specialized heat treatment process. This results in the production of Conform series NiTi files that are even more pliable than their predecessors, while still maintaining their cutting effectiveness. Consequently, the flexibility and cyclic fatigue resistance of Pac-Taper Conform files are heightened, leading to improved performance. Pac-Taper Conform is a reliable multi-progressive taper file with superior cyclic fatigue resistance.

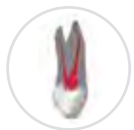
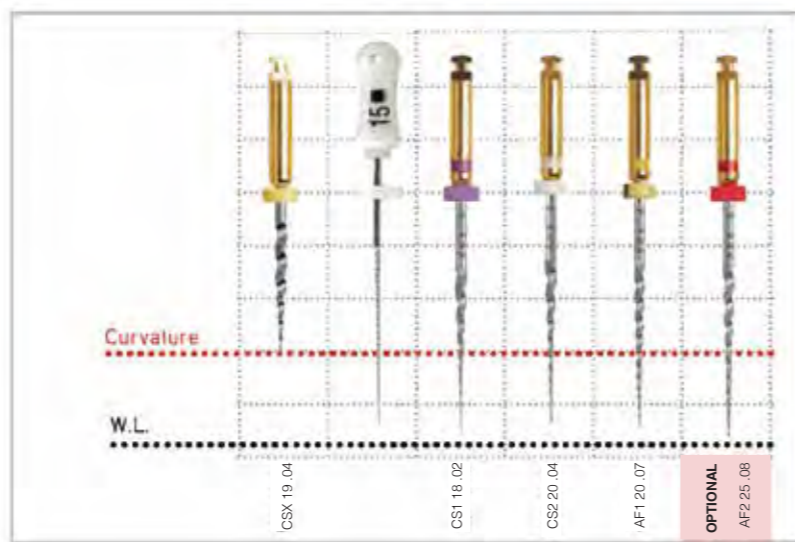
Pac-Taper™		Pac-Taper™ Conform 6/pk Gold Handle			Pac-Taper™ NiTi 6/pk Silver Handle		
SX	CX	21 mm	25 mm	31 mm	21 mm	25 mm	31 mm
F1	C1	TFC19CX (19 mm)			TFC19CX (19 mm)		
F2	C2	TFC21C1	TFC25C1	TFC31C1	TNT21C1	TNT25C1	TNT31C1
F1	A1	TFC21C2	TFC25C2	TFC31C2	TNT21C2	TNT25C2	TNT31C2
F2	A2	TFC21A1	TFC25A1	TFC31A1	TNT21A1	TNT25A1	TNT31A1
F3	A3	TFC21A2	TFC25A2	TFC31A2	TNT21A2	TNT25A2	TNT31A2
F4	A4	TFC21A3	TFC25A3	TFC31A3	TNT21A3	TNT25A3	TNT31A3
F5	A5	TFC21A4	TFC25A4	TFC31A4	TNT21A4	TNT25A4	TNT31A4
Assorted	Assorted	TFC21A5	TFC25A5	TFC31A5	TNT21A5	TNT25A5	TNT31A5
		TFC21AS	TFC25AS	TFC31AS	TNT21AS	TNT25AS	TNT31AS

## Suggested Use | Based On Average Morphology:



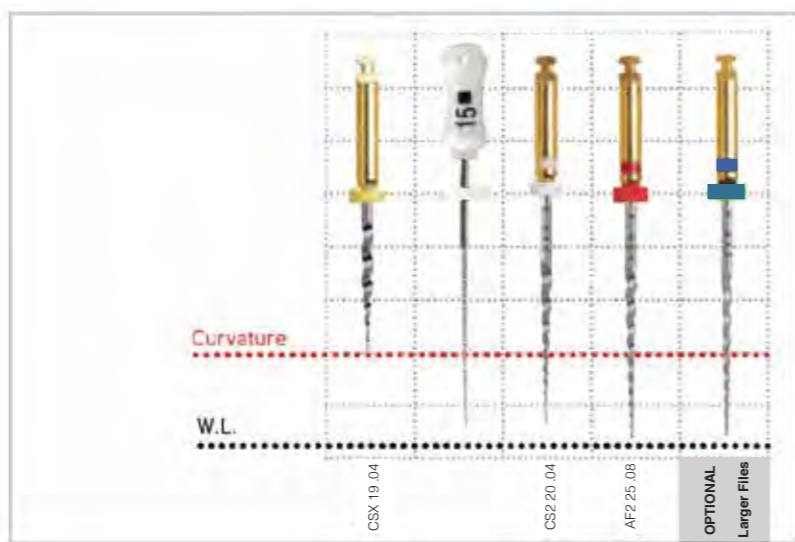
### Curved and Narrow Canals

Upper molars MB2  
Calcified canals



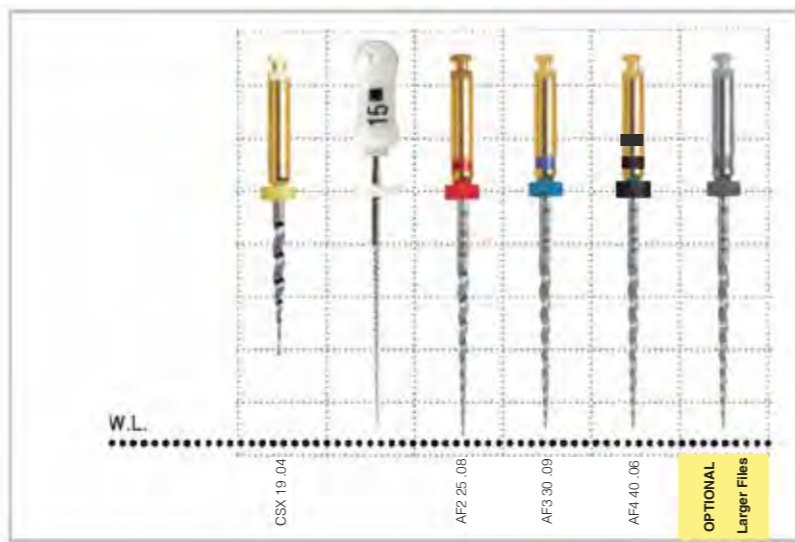
### Curved Canals

Upper premolars  
Lower molar MB, ML  
Upper molar MB, DB



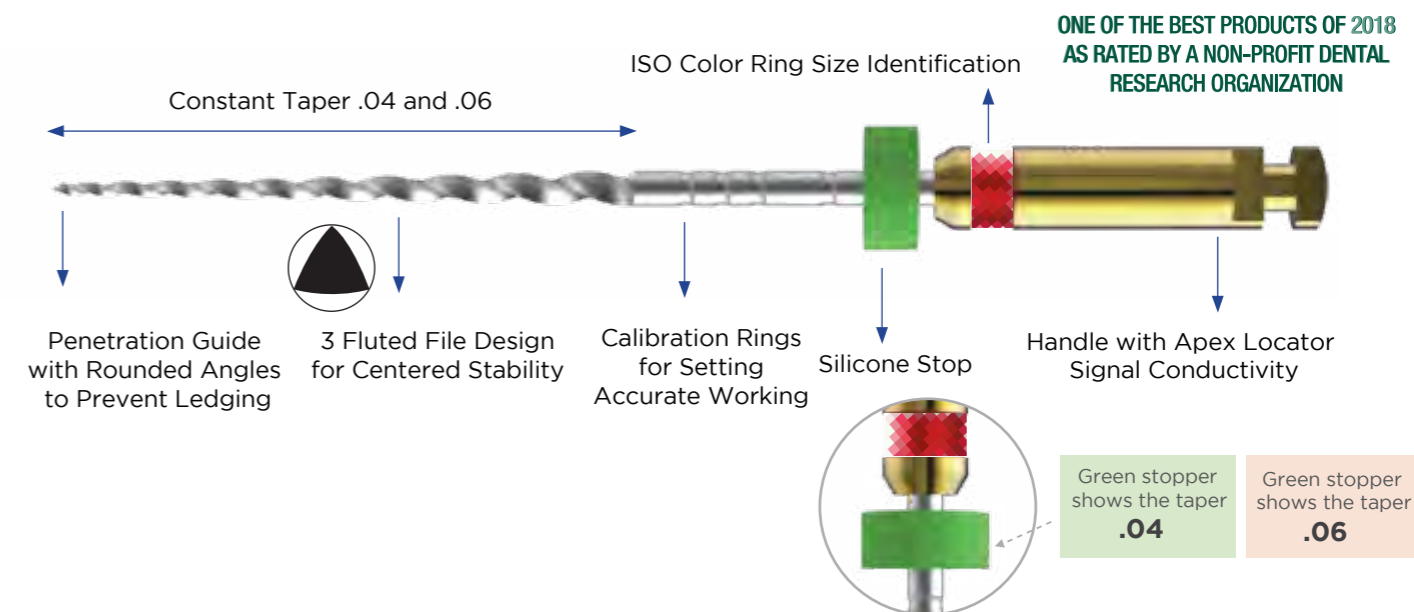
### Straight or Slightly Curved Canals

Lower premolars  
Lower molar D  
Upper molar P  
Anteriors



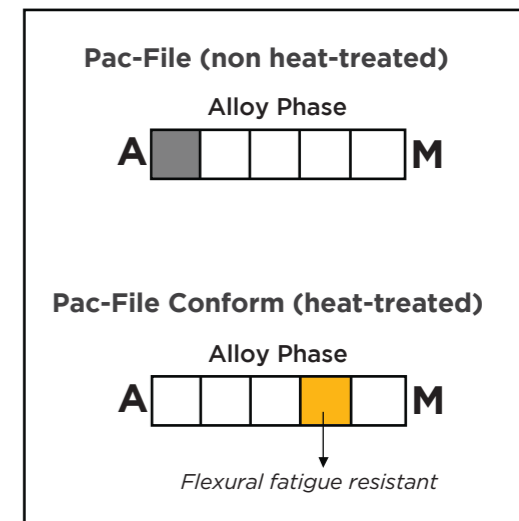
## and Pac-File Conform Constant Taper NiTi Rotary Files

Compared to Sybron K3™, Twisted Files™, Dentsply Vortex®, Vortex Blue®, EdgeSequel™, Brasseler EndoSequence®



Introducing Pac-Files - an essential collection of constant taper files for your sequencing needs. These files come in .04 and .06 tapers and offer a complete range of tip diameters and tapers to meet all your protocol requirements. By alternating .04 and .06 tapers with identical sizes you can achieve a low engagement force progression of your files and avoid an unnecessary apical load of the file. The Pac-Files are available in non-heat-treated NiTi alloy or heat-treated (Pac-File Conform) and are recommended for use in all canal morphologies. You can smoothly transition to the Pac-Files using the same technique as other constant taper 04 and 06 files and achieve the same results at a suitable cost. Additionally, these files have great cutting performance and can be used for retreatments as well.

- Constant taper .04 and .06 collection of files (from 15 to 60)
- Triangular rhomboidal cross-section
- Mix and match to fulfill your technique protocol
- Pac-File is also offered without heat-treatment or heat treated (Pac-File Conform)
- Pac-File Conform is balanced for cutting efficiency and flexibility with a proprietary heat-treatment process
- If the file is overstressed, Pac-File Conform will unwind it before it separation, warning that there is too much torsional stress



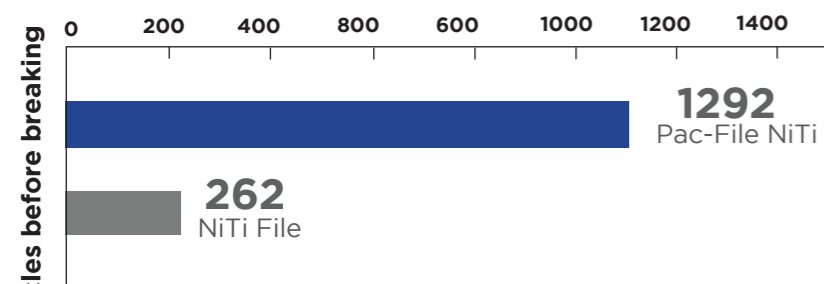
Sybron K3, Twisted Files, Dentsply Vortex, Vortex Blue, Edgesequel, Brasseler EndoSequence trademarks of their respective holders. Use of their names does not imply any affiliation or endorsement from them.

# Pac-File™ Conform

## In what ways does Pac-Dent's Conform heat treatment impact the performance of a file?

Heat treatment optimizes material effectiveness under tough conditions by applying timed heating and cooling to solid-state alloys. In Endodontics, heat treatment enhances flexibility of NiTi files, improving fatigue resistance and rotation in curved canals. Pac-Dent has two different NiTi alloy phase options for constant (Pac-File) and multiple tapers (Pac-Taper), both non-heat-treated and heat-treated (Conform). Conform files use a special heat treatment process to be three times more flexible without losing cutting ability.

### 490% MORE RESISTANCE TO SEPERATION

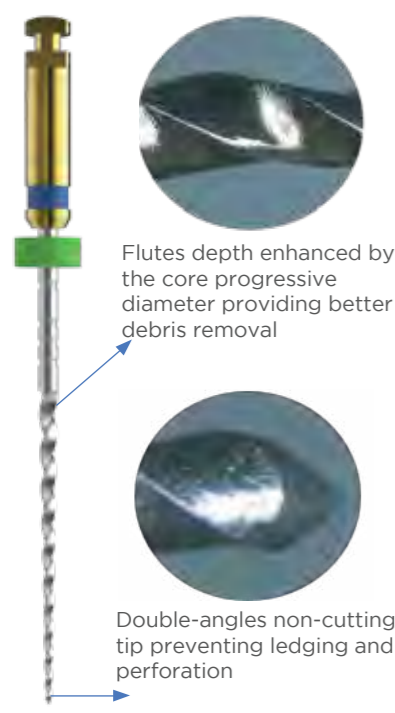


Pac-Dent's NiTi files are 490% more resistant to cyclical fatigue compared to regular NiTi files which substantially helps to reduce the incidence of file separation.\*

\*In-house tests, 90-degree curvature at 500 RPM. Data on file.



Pac-Dent R/D lab test shows how different heat treatments affects a file's surface color. Different levels of heat resulted in blue, purple, and gold colors.



Taper	Tip	Pac-File Conform™ 6/pk			Pac-File NiTi™ 6/pk			
		Gold Handle			Silver Handle			
		21 mm	25 mm	31 mm	21 mm	25 mm	31 mm	
Rubber Stop	.04 15	FFC210415	FFC250415	FFC310415	FNT210415	FNT250415	FNT310415	
	.04 20	FFC210420	FFC250420	FFC310420	FNT210420	FNT250420	FNT310420	
	.04 25	FFC210425	FFC250425	FFC310425	FNT210425	FNT250425	FNT310425	
	.04 30	FFC210430	FFC250430	FFC310430	FNT210430	FNT250430	FNT310430	
	.04 35	FFC210435	FFC250435	FFC310435	FNT210435	FNT250435	FNT310435	
	.04 40	FFC210440	FFC250440	FFC310440	FNT210440	FNT250440	FNT310440	
	.04 45	FFC210445	FFC250445	FFC310445	FNT210445	FNT250445	FNT310445	
	.04 50	FFC210450	FFC250450	FFC310450	FNT210450	FNT250450	FNT310450	
	.04 55	FFC210455	FFC250455	FFC310455	FNT210455	FNT250455	FNT310455	
	.04 60	FFC210460	FFC250460	FFC310460	FNT210460	FNT250460	FNT310460	
.04 (15-40) Assorted		FFC2104AS	FFC2504AS	FFC3104AS	FNT2104AS	FNT2504AS	FNT3104AS	
Orifice opener	.06 15	FFC210615	FFC250615	FFC310615	FNT210615	FNT250615	FNT310615	
	.06 20	FFC210620	FFC250620	FFC310620	FNT210620	FNT250620	FNT310620	
	.06 25	FFC210625	FFC250625	FFC310625	FNT210625	FNT250625	FNT310625	
	.06 30	FFC210630	FFC250630	FFC310630	FNT210630	FNT250630	FNT310630	
	.06 35	FFC210635	FFC250635	FFC310635	FNT210635	FNT250635	FNT310635	
	.06 40	FFC210640	FFC250640	FFC310640	FNT210640	FNT250640	FNT310640	
	.06 45	FFC210645	FFC250645	FFC310645	FNT210645	FNT250645	FNT310645	
	.06 50	FFC210650	FFC250650	FFC310650	FNT210650	FNT250650	FNT310650	
	.06 (15-40) Assorted		FFC2106AS	FFC2506AS	FFC3106AS	FNT2106AS	FNT2506AS	FNT3106AS
	.08 20		Orifice opener FFC1908OR (19 mm)		Orifice opener FNT1908OR (19 mm)			

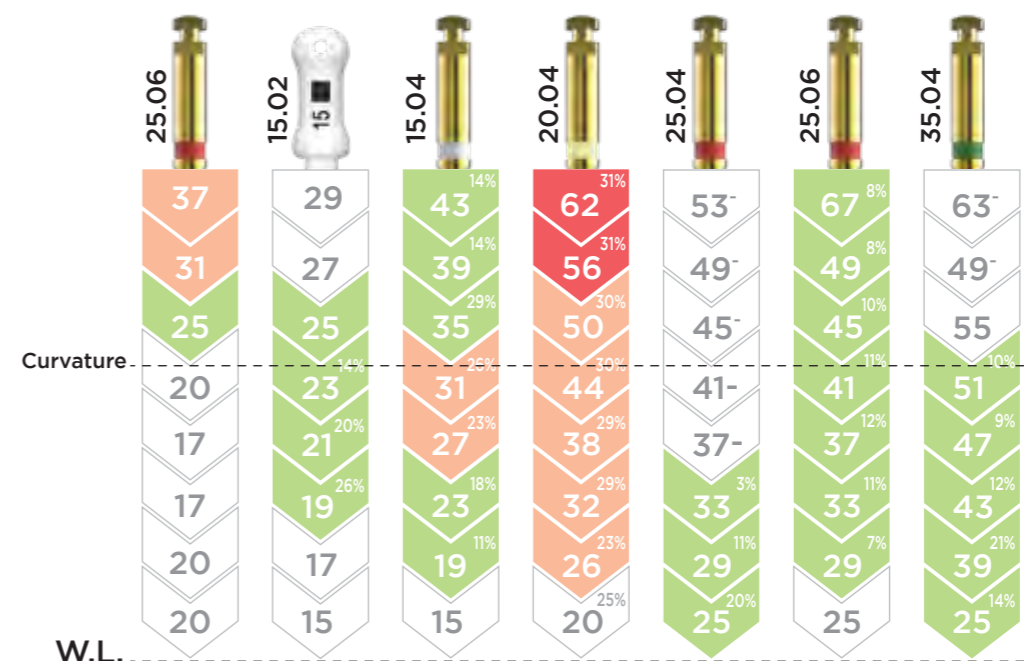
## Low Engagement Technique

### What is the Pac-File and Pac-File Conform Low Engagement Technique (L.E.T.)?

Engine-driven files have a tapered shape that creates a funnel-like opening, making it easier for irrigation and obturation to take place. The Low Engagement Technique uses various tapers from the Pac-File series in a specific order to prevent torsional forces on the file's apical end. The primary objective is to avoid the red area of action, which means working within a range of 20 to 30% amplitude after cutting.



For mild to severe curvature morphologies, it is advisable to use Pac-File Conform, a heat-treated extra flexible file, to prevent cyclic fatigue separation.



The technique described (L.E.T.) is the result of extensive experience, research-based knowledge, and numerous tests on various canal morphologies.

- Determine the temporary working length and the depth of the curvature.
- Insert Pac-File 25 .06 to the curvature length or until resistance. Withdraw the file and use brushing movements. Do not exceed 10 seconds.
- Use a Pac-Dent FlexCann 31 ga double-side port cannula to copiously irrigate
- Determine the W.L. with a SS K-file using the iRoot Pro Plus built in apex locator.
- Build a glide path using the PacGlider 15 .02 and Pac-File 20 .04 files to the W.L. After using the file for max. 5 seconds, copiously irrigate.
- Insert Pac-File 25 .04 to the W.L. After using the file for max. 5 seconds, copiously irrigate preferably with iVac (30s).
- Insert Pac-File 25 .06 to the W.L. After using the file for max. 5 seconds, copiously irrigate preferably with iVac (30s). exceed 10 seconds
- Finish with Pac-File 35 .04 or progressively with the file diameter/taper of your preference. After using the file for max. 5 seconds, copiously irrigate preferably with iVac (30s).



## Low Engagement Technique | Based On Average Morphology:

To prevent torsional fatigue and file separation during instrumentation, the recommended approach is to utilize the iRoot Plus Pro in AutoSense mode. This mode allows the motor to initiate rotation and shift to reciprocation motion in case the apical pressure surpasses the torque limit. Once the pressure on the instrument is relieved, the motor automatically reverts back to rotary mode.



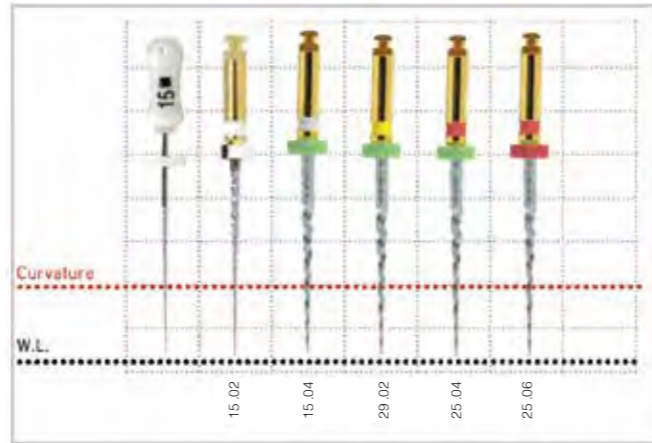
### Curved and Narrow Canals

Upper molars MB2  
Calcified canals



**TIPS**

For mild to severe curvature morphologies, it is advisable to use Pac-File Conform, a heat-treated extra flexible file, to prevent cyclic fatigue separation.



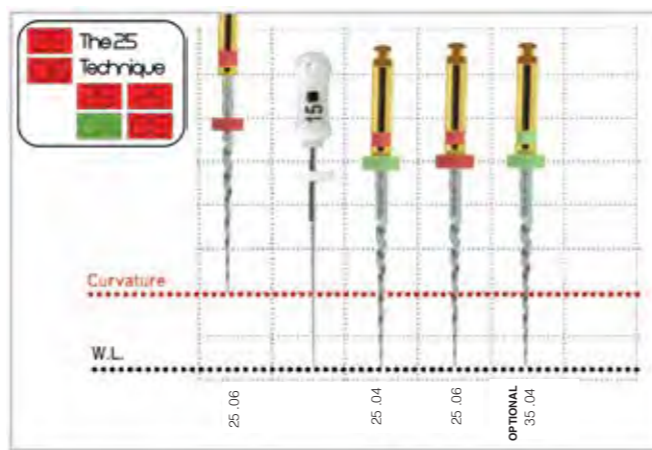
### Curved Canals

Upper premolars  
Lower molar MB, ML  
Upper molar MB, DB



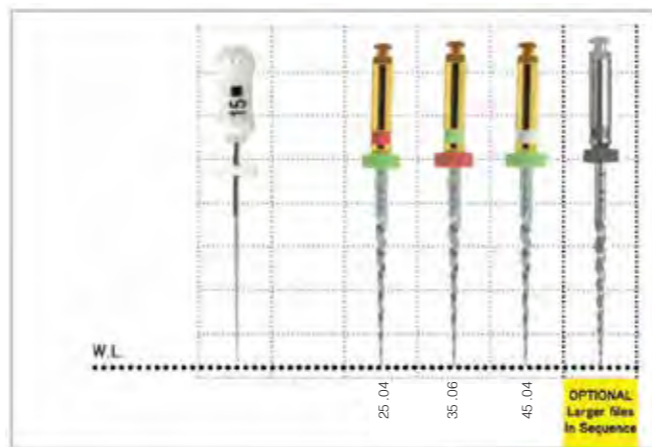
**TIPS**

To achieve the best cleaning and disinfection, it is recommended to use a 35 .04 final apical enlargement and perform final irrigation with the iVac green cannula.



### Straight or Slightly Curved Canals

Lower premolars  
Lower molar D  
Upper molar P  
Anteriors



## Rotary Glide Path File

When using the PacGlider, Pac-Dent's iRoot Pro Plus endomotor has got you covered with pre-existing presets. Simply navigate to Systems, select Pac-File, and then choose Pac-File 15 from the list of available files. Alternatively, the Safe GlidePath mode provides a secure and symmetrical 90/90 reciprocation motion that will carefully create the much-needed space for subsequent file enlargement. Rest assured that these options will help you get the job done with utmost confidence with subsequent larger files.



With the PacGlider special designed penetration tip, you can rest assured that it will efficiently and safely penetrate the root canal without any alteration to its original anatomy. This guarantees optimal effectiveness while preventing any potential damage.

Glide Path File 3/pk

Taper	Tip	21 mm	25 mm	31 mm
.02	16	<b>GPO221</b>	<b>GPO225</b>	<b>GPO231</b>

- Triangular rhomboidal low engaging cross-section
- Can be used in rotary and symmetrical reciprocation 90/90 provided by the iRoot Pro Plus
- The enhanced number of spirals incorporated in the design leads to a significant improvement in both the cutting capacity and flexibility
- High tolerance for torsional fatigue due to tailored heat treatment
- Ideal for for very difficult narrow and curve canals instrumentation initiation
- Special designed safe penetration non-cutting tip follows the anatomy without provoking deformations

The PacGlider file plays a critical role in ensuring that there is enough room for safe and effective engine-driven instrumentation. While other files can also create a glide path, PacGlider stands out from the rest. With the Pac-Dent iRoot Pro Plus motor, it works seamlessly in both rotary and symmetrical reciprocating movements, allowing operators to choose an efficient rotary enlargement or a more cautious oscillating approach. The PacGlider have undergone a tailored heat treatment that provides them with superb flexibility and the toughness required to create a smooth path before instrumentation, thanks to their more austenitic alloy phase expression.

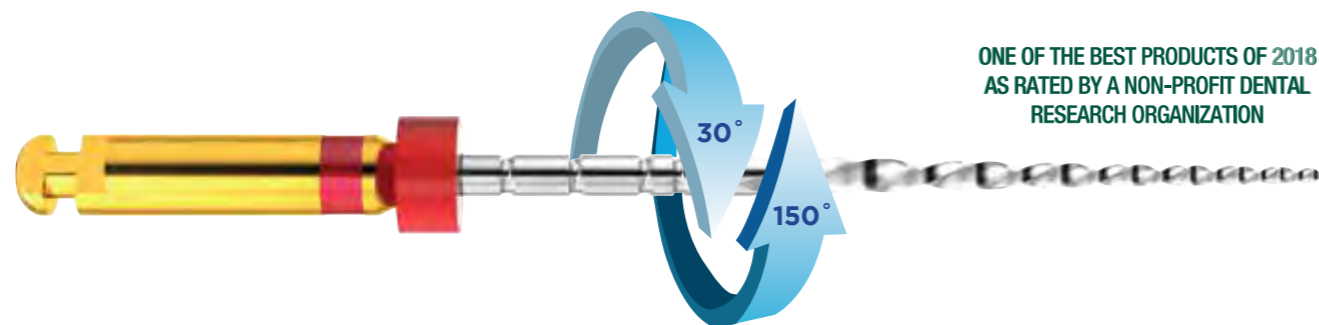
## Do I need to create a glidepath?

Creating a glidepath is highly recommended before engine-driven instrumentation of curved and narrow canals. This involves using manual files of various sizes and gentle movements, and specialized rotary or oscillating NiTi files, to create a smooth path from the opening of the canal to the exit point. By doing so, the frictional forces on the shaping files are reduced, as the canal diameter becomes at least equal to the file tip size. In addition, it helps to level the flattened "V zone" of the canal geometry in the curved section, which in turn minimizes the risk of instrument failure due to torsional and cyclic fatigue. By preparing a glidepath, the risk of complications can be significantly reduced, making it an essential part of the root canal treatment process.

## Regressive Taper Reciprocating NiTi Heat Treated File

Comparable to EdgeOne Fire, Dentsply Wave One

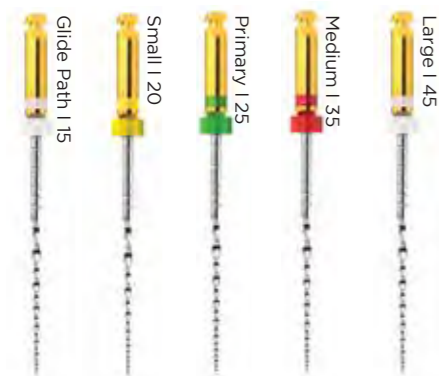
### The safety of the reciprocation movement reaching a higher level



ONE OF THE BEST PRODUCTS OF 2018  
AS RATED BY A NON-PROFIT DENTAL  
RESEARCH ORGANIZATION

One-File G reciprocating file series use the asymmetric reciprocation left cutting motion, allowing efficacious shaping of even curved root canals with less files. The proprietary heat treatment used in the One-File G manufacturing process gives more flexibility and 3 times increased cyclic fatigue resistance (comparing with a non-heat treated NiTi wire) letting a smooth, safe and efficient instrumentation.

- Can be used with standard reciprocating modes in existing motors (left cutting, ccw>cw)
- Enhanced cyclic fatigue resistance due to proprietary heat treatment process
- High cutting efficiency without compromising the control of the file inside the canal
- Available in different diameters and tapers (20 .07, 25 .07, 35 .06 and 45 .05) to fit perfectly in your sequence
- A rotary Glidepath file (15 .02) is available for very difficult narrow and curve canals instrumentation initiation



Taper	Tip	21 mm	25 mm	31 mm
<b>Glide Path File 3/pk</b>				
.02	15	POC2115	POC2515	POC3115
<b>Glide Path File 3/pk</b>				
.07	20	POC2120	POC2520	POC3120
.07	25	POC2125	POC2525	POC3125
.06	35	POC2135	POC2535	POC3135
.05	45	POC2145	POC2545	POC3145
<b>Assorted File 5/pk</b>				
AS(15-45)			POC25AS	

EdgeOne Fire, WaveOne™ Gold are trademarks of their respective holders. Use of their name does not imply any affiliation or endorsement from them.

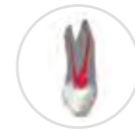
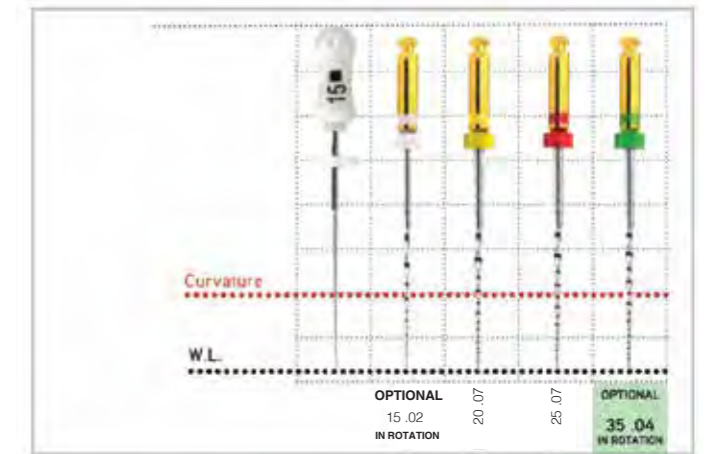
## Suggested Use | Based On Average Morphology:

When it comes to using One File G files, iRoot Pro Plus has got you covered with a preset already in place. These files share the same parameters as other reciprocating instruments. AutoSense mode should not be used with these instruments.



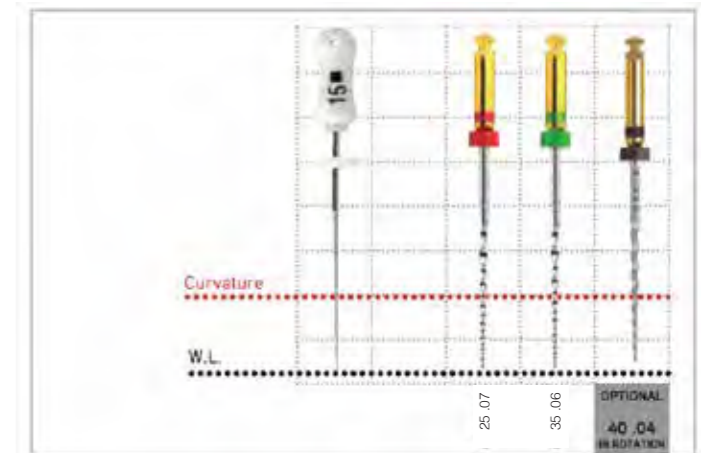
### Curved and Narrow Canals

Upper molars MB2  
Calcified canals



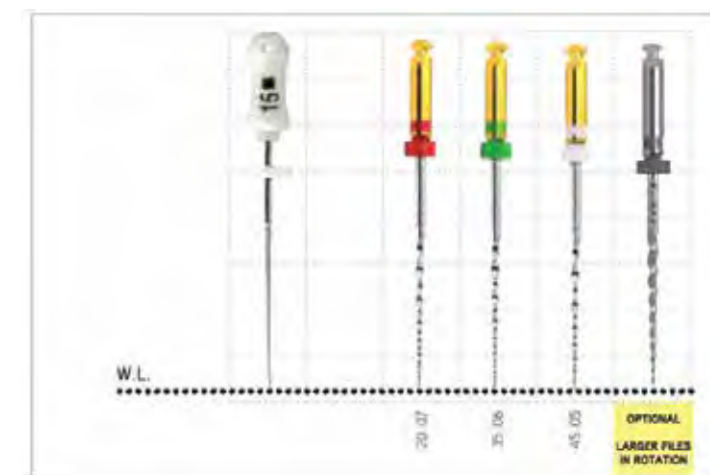
### Curved Canals

Upper premolars  
Lower molar MB, ML  
Upper molar MB, DB



### Straight or Slightly Curved Canals

Lower premolars  
Lower molar D  
Upper molar P  
Anteriors



# Hand Files

- Made of high quality NiTi alloy or medical grade stainless steel
- Good flexibility and torsional resistance
- High cutting efficiency
- Sterilization up to 180°C
- 6 files per box, available in single or assorted sizes

## Stainless Steel

### K Files

Size / Length	21	25	31
#06	SKH-06-21	SKH-06-25	SKH-06-31
#08	SKH-08-21	SKH-08-25	SKH-08-31
#10	SKH-10-21	SKH-10-25	SKH-10-31
#15	SKH-15-21	SKH-15-25	SKH-15-31
#20	SKH-20-21	SKH-20-25	SKH-20-31
#25	SKH-25-21	SKH-25-25	SKH-25-31
#30	SKH-30-21	SKH-30-25	SKH-30-31
#35	SKH-35-21	SKH-35-25	SKH-35-31
#40	SKH-40-21	SKH-40-25	SKH-40-31
#45	SKH-45-21	SKH-45-25	SKH-45-31
#50	SKH-50-21	SKH-50-25	SKH-50-31
#55	SKH-55-21	SKH-55-25	SKH-55-31
#60	SKH-60-21	SKH-60-25	SKH-60-31
#70	SKH-70-21	SKH-70-25	SKH-70-31
#80	SKH-80-21	SKH-80-25	SKH-80-31
#15-#40	SKH-15/40-21	SKH-15/40-25	SKH-15/40-31
#34-#80	SKH-45/80-21	SKH-45/80-25	SKH-45/80-31

## Nickel Titanium

Size / Length	21	25	31
#15	NKH-15-21	NKH-15-25	NKH-15-31
#20	NKH-20-21	NKH-20-25	NKH-20-31
#25	NKH-25-21	NKH-25-25	NKH-25-31
#30	NKH-30-21	NKH-30-25	NKH-30-31
#35	NKH-35-21	NKH-35-25	NKH-35-31
#40	NKH-40-21	NKH-40-25	NKH-40-31
#45	NKH-45-21	NKH-45-25	NKH-45-31
#50	NKH-50-21	NKH-50-25	NKH-50-31
#55	NKH-55-21	NKH-55-25	NKH-55-31
#60	NKH-60-21	NKH-60-25	NKH-60-31
#70	NKH-70-21	NKH-70-25	--
#80	NKH-80-21	NKH-80-25	--
#15-#40	NKH-15/40-21	NKH-15/40-25	NKH-15/40-31
#45-#80	NKH-45/80-21	NKH-45/80-25	--

## Stainless Steel

### H Files

Size / Length	21	25	31
#15	SHH-15-21	SHH-15-25	SHH-15-31
#20	SHH-20-21	SHH-20-25	SHH-20-31
#25	SHH-25-21	SHH-25-25	SHH-25-31
#30	SHH-30-21	SHH-30-25	SHH-30-31
#35	SHH-35-21	SHH-35-25	SHH-35-31
#40	SHH-40-21	SHH-40-25	SHH-40-31
#45	SHH-45-21	SHH-45-25	SHH-45-31
#50	SHH-50-21	SHH-50-25	SHH-50-31
#55	SHH-55-21	SHH-55-25	SHH-55-31
#60	SHH-60-21	SHH-60-25	SHH-60-31
#70	SHH-70-21	SHH-70-25	SHH-60-31
#80	SHH-80-21	SHH-80-25	SHH-80-31
#15-#40	SHH-15/40-21	SHH-15/40-25	SHH-15/40-31
#34-#80	SHH-45/80-21	SHH-45/80-25	SHH-45/80-31

## Stainless Steel

### K-Reamers

Size / Length	21	25	31
#08	SRH-08-21	SRH-08-25	SRH-08-31
#10	SRH-10-21	SRH-10-25	SRH-10-31
#15	SRH-15-21	SRH-15-25	SRH-15-31
#20	SRH-20-21	SRH-20-25	SRH-20-31
#25	SRH-25-21	SRH-25-25	SRH-25-31
#30	SRH-30-21	SRH-30-25	SRH-30-31
#35	SRH-35-21	SRH-35-25	SRH-35-31
#40	SRH-40-21	SRH-40-25	SRH-40-31
15-40	SRH-15/40-21	SRH-15/40-25	SRH-15/40-31

# iVac™

## Apical Negative Pressure Irrigation and Activation System

NEW!



2023  
TOP 25  
ENDODONTIC  
PRODUCTS  
READERS' CHOICE AWARD

4.3

Dental PRODUCT SHOPPER  
BEST PRODUCT



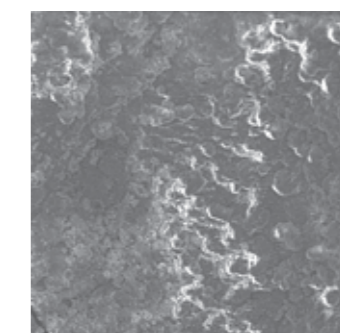
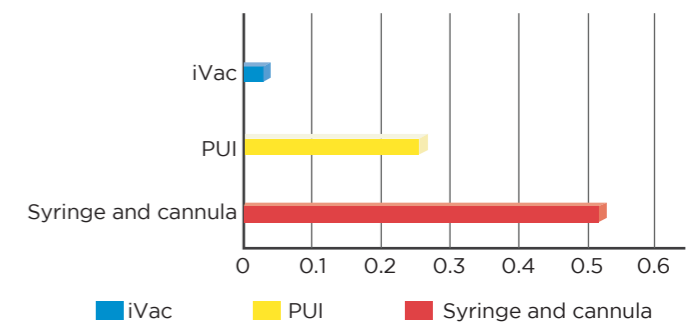
The iVac System is designed to be used during the root canal treatment irrigation phase, preferably connected to a piezo ultrasonic handpiece. The system was created using the three most important concepts established by the endodontic research and science for root canal irrigation and disinfection.

Ultrasonic Vibration, which acts as a chemical catalyst of the irrigating solutions in conjunction and microstreaming effects, determining a chemical-mechanical cleaning action in areas of difficult access in the root canal.

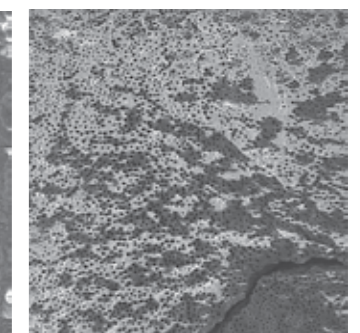
Apical Negative Pressure, by which the irrigation fluid moves from the pulp chamber to the apical limit without extruding beyond the foramen.

And Concomitant Irrigation, a principle whereby the volume of irrigating liquid is renewed continuously. Constant fluid replacement provokes ideal chemical activity by repositioning the solution for a new one.

### Volume of irrigating solution extruded through the apical foramen<sup>2</sup>



Apical third dentin walls after instrumentation



Apical third dentin walls after iVac final irrigation protocol



# Apical Negative Pressure Irrigation and Activation System

THE BEST OF ALL IRRIGATION SYSTEMS TOGETHER IN A SAFE AND INTUITIVE PRODUCT

- The iVac uses apical negative pressure with concomitant irrigation, which avoids the risk of extrusion of the irrigant while allowing the irrigating fluid to clean and disinfect the entire root canal to the working length<sup>1,2</sup>.
- iVac is highly instrumental in cases where irrigation depth control is essential<sup>3</sup>, such as young teeth, apexification, regeneration, and apical foramen resorptions.
- The iVac design allows the continuous exchange of ultrasonically activated irrigants with constant refreshment into the root canal system throughout the procedure.
- It can effectively clean and disinfect irregularities of the root canal system with the action of continuous ultrasonic irrigation<sup>4,5,6</sup>.
- The polymer microcannula allows effective ultrasonic activation<sup>7</sup> of the irrigant, even in curved canals.
- The iVac system is simple to install and has an intuitive operation, requiring no significant equipment investment.
- In addition to the ultrasonic vibration, the cannula's external and internal diameters rate significantly reduces the risk of clogging.



1. Desai P, Himel V. JOE 2009 Apr;35(4):545-9. 2. Gomes, B. Extrusion Preliminary Report - iVac. UNICAMP, Brazil, 2022. In Press. 3. Mitchell RP, Yang SE, Baumgartner JC. JOE 2010 Feb;36(2):338-41. 4. Layton G et al. JOE 2015 Jun;41(6):884-9. 5. Nielsen BA, Craig Baumgartner JOE 2007 May;33(5):611-5. 6. Siu C, Baumgartner JC. JOE 2010 Nov;36(11):1782-5. 7. Doppler Vibrometry Analysis. Preliminary report results. Akisue, E. POLI, USP, Brazil, 2022. In Press. 8. Data and images courtesy of Marco A. Hungaro Duarte, DDS, MS, PhD, USP, Brazil.



### 9542IVC iVac™ introduction kit:

- 5 x 0.35 iVac Tips 27mm
- 10 x Angled Capillary Tips
- 2 x Rings
- 1 x High Vac Adaptor
- 1 x Instructions for Use
- 5 x Short Silicone Tubing with 1 Female Connector and 1 Elbow Connector
- 1 x Long Silicone Tubing with 1 Female Connector and 1 Male Connector
- 5 x 0.50 iVac tips 27mm
- 1 x iVac S-Type Piezo Connector
- 1 x Low Vac Adaptor
- 1 x Technique Guide



iVac Irrigation Tips	20/box
iVac 0.35 Tips 27mm (Green)	<b>954235G</b>
iVac 0.50 Tips 27mm (Yellow)	<b>954250Y</b>

iVac PeekSonic Tips	20/box
iVac 0.25 Tips 28mm (Red)	<b>952201</b>

iVac Angled Capillary Tips	10/box
Angled Capillary Tips 0.60mm	<b>9542ACT</b>

iVac Piezo Connectors	1 Kit
1 x S-Type Piezo Connector, 2 x Rings	<b>9542SC</b>
1 x E-Type Piezo Connector, 2 x Rings	<b>9542EC</b>

iVac Ring Refills	2/box
Plastic Rings	<b>9542R</b>



# Apical Negative Pressure Irrigation and Activation System

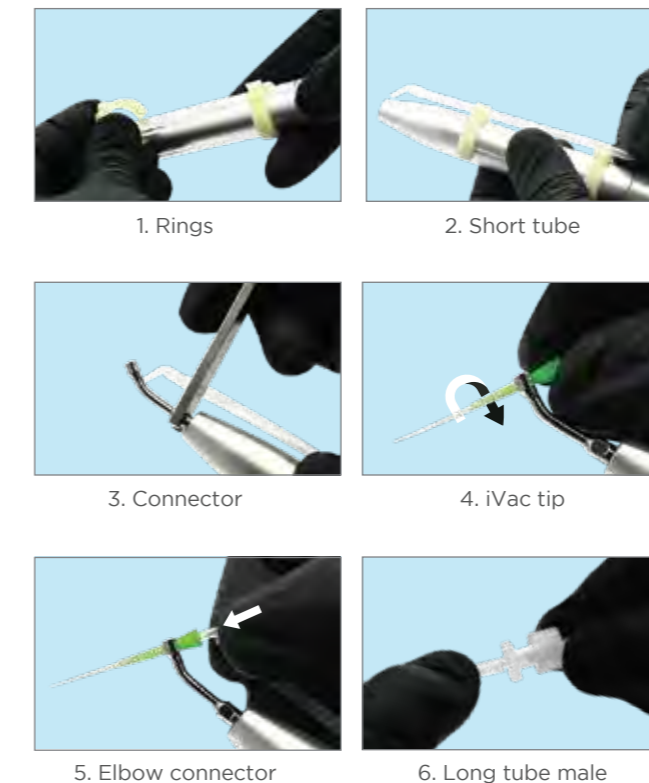


iVac Refill Kit	5/box
Short (170mm) Silicone Tubing with 1 Female Connector and 1 Elbow Connector	<b>9542ST</b>



iVac Refill Kit	1 Kit
1 x Long (1700mm) Silicone Tubing with 1 x Female Connector and 1 Male Connector 1 x Low Vac-Adaptor / 1 x High Vac-Adaptor	<b>9542LTA</b>

### Installation Instructions



7. Long tube female



8. Capillary .60

### Concomitant Irrigation from the Reservoir or Bottles



1. Power 70%. Mode E. Reservoir icon



2. Bottle



3. Irrigation volume adjustment



4. Perform irrigation at the pulp chamber level controlling the pressure to avoid liquid overflow.

### Concomitant Irrigation with Syringe and Cannula



1. Power 70%. Mode E. Water line icon



2. Syringe and Capillary .60



3. Use the angled capillary tip attached to a 10cc syringe (not included) filled with the chosen irrigating fluid. Perform irrigation at the pulp chamber level.



## LED Piezo Ultrasonic Scaler

The iVac piezo is a modern and innovative ultrasonic piezoelectric unit designed to meet the demands of both hygienists, dentists, and endodontists with the best possible ultrasonic source performance.

The easy-to-operate touchscreen panel and easy-to-clean design make it a user-friendly option. Not only does the iVac piezo offer the functions of scaler and periodontics, but it also provides a series of inserts for use in endodontics, including exclusive tips for locating canal entries and state-of-the-art irrigation and activation protocol.

Additionally, the iVac exclusively features sets for the iVac negative pressure irrigation and ultrasonic activation system, making it a complete option for irrigation and disinfection of the root canal. This unique function can be achieved from the iVac piezo ultrasonic unit, which has three accessory bottles with an improved dual valve connection that guarantees a perfect fit without leaks. The iVac piezo has a 30-second timer for constant irrigation control and a semi-automatic flush system to ensure the equipment's longevity, even when corrosive irrigating liquids are used.



### EXCLUSIVE FEATURES:

- Less patient sensitiveness and discomfort with the vibration feedback control during scaling
- Water line or reservoir/bootles irrigation sources
- Range of frequency from 25 to 31 kHz
- S-type (Satelec) extensive options of inserts and tips
- Exclusive 3 accessories bottles for fast irrigation fluid replacement during endodontic treatment
- Lightweight LED ergonomic handpiece
- Exclusive 30 seconds continuous irrigation timer
- Semi-automatic flush program to prevent build-ups and corrosion
- Designed and tested for Pac-Dent's unique iVac endodontic irrigation system

### The iVac Piezo plays a vital role in the iVac Irrigation Solution.

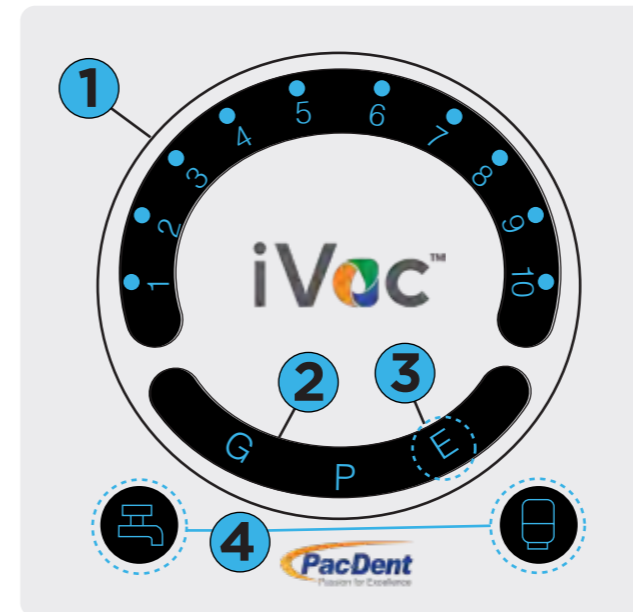
Pac-Dent takes immense pride in its comprehensive solution for endodontic irrigation. Our iVac piezo is meticulously designed to seamlessly integrate with the iVac Irrigation, Activation, and Apical Negative Pressure System. We provide a range of expertly formulated medical-grade FDA-approved chemicals for the most effective canal cleaning. Furthermore, we offer multiple delivery options for irrigation fluids during the irrigation phase.

Please see Pg. 89 for details.



## The iVac LED Piezo is the ideal tool to be used in conjunction with the cuttingedge iVac Apical Negative Pressure System.

The iVac Piezo Piezoelectric Ultrasonic Unit is a top-of-the-line tool for endodontics, scaling and periodontal procedures. What sets it apart from other units is its ability to be customized for the iVac irrigation system. The unit comes equipped with a timer and power control functions that have been expertly calibrated to work seamlessly with the iVac system. The iVac Piezo unit has undergone extensive testing in partnership with the iVac system to ensure the safest and most effective experience when cleaning and disinfecting the root canal system.



- 1 Power (amplitude)
- 2 Pre-tuned frequencies for each type of procedure
- 3 Double Touch "E" button for Endo irrigation mode
- 4 Press them simultaneously for system cleaning mode



### 3 Accessory Bottles for Endo irrigation

During the irrigation procedure, you can use the square tank or the convenient accessory bottles to quickly shift irrigants. There is also a pre-set clean-purge program available. An alarm will sound after 30 seconds to indicate the activation/irrigation time. In addition, there is an irrigation mode with pre-set vibration and amplitude that is suitable for activating endodontic irrigants.

### 9542PS iVac LED Piezo Ultrasonic Scaler Kit:

- 1 x Main Unit, Handpiece
- 1 x Flat Wrench
- 1 x AC Cord
- 1 x LED Lamp (extra)
- 1 x Instructions for Use
- 1 x Torque Wrench
- 1 x Foot Pedal
- 1 x Reservoir
- 3 x Accessory Bottles
- 1 x Tech Guide



	<b>ED27 - Trumpet</b> Canal Orifice Localization		<b>GD12 - Stain Remover</b>
	<b>ED28 - Scout</b> Canal Orifice Micro-Opening		<b>PD7 - Infra Gingival</b>
	<b>ED70 - Irrigation Connector</b>		<b>PD12 - Interproximal</b>

### Endo Tips Included in the Unit Kit:

	<b>ED12 - Ball Diamond Coated</b>
	<b>ED15 - Spreader</b>
	<b>ED17 - Gutta Percha Cutter</b>

	<b>ED73 - Peek Polymer Tip</b> .20, 18 mm
	<b>ED74 - Peek Polymer Tip</b> .20, 21 mm

### Scaling / Perio Tips Included in the Unit Kit:

	<b>GD04 - Universal Scaling • L</b>
	<b>GD05 - Universal Scaling • M</b>

# 6% Sodium Hypochlorite

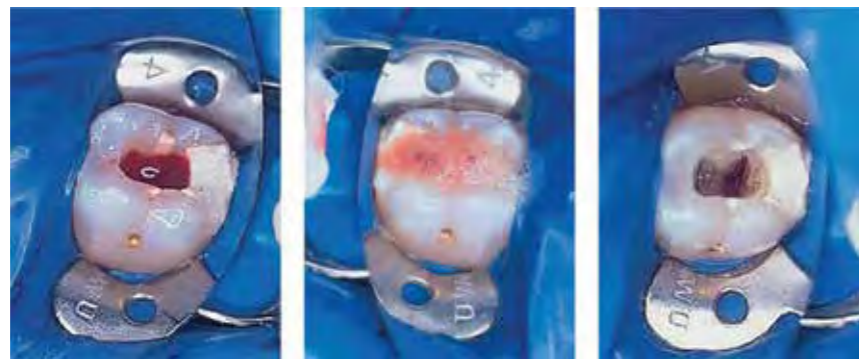
## PacEndo Irrigation Tissue Dissolution and Disinfecting Solution

ONE OF THE BEST PRODUCTS OF 2019 AS RATED BY A NON-PROFIT DENTAL RESEARCH ORGANIZATION



Sodium hypochlorite (NaOCl) is undeniably the most commonly used irrigant in the field of endodontics during the instrumentation phase. Its potent antimicrobial effects and ability to dissolve pulpal remnants make it highly recommended for routine clinical use. However, its effectiveness in penetrating the dentin can be hindered due to its surface tension, leading to reduced antibacterial performance within dentinal tubules. Medical-grade FDA approved PacEndo 6% NaOCl has been enhanced with surface active and wetting agents to increase its penetration into the dentin and inaccessible areas of root canals. Thanks to surfactants possessing emulsifying properties, debris can be suspended and removed from the dentin surface, increasing dentin wettability and facilitating instrumentation.

- Used for irrigation and disinfection of root canals during and after instrumentation
- Medical-Grade FDA approved Sodium Hypochlorite without industrial stabilizers
- Controlled formula with tested and ensured concentration for tissue dissolution and antibacterial efficiency



PacEndo Solution Refill	480 ml/16 oz
6% Sodium Hypochlorite with 1 x Luer-Lock Dispensing Cap	PE-SHB

### What are the potential drawbacks of utilizing industrial bleach for endodontic irrigation?

It is imperative to exercise caution when using NaOCl. Mixing household industrial bleach with water is not recommended since the concentration can fluctuate between 2.5% to 6% due to varying storage conditions and time. Unlike medical device predicates like Pacendo NaOCl 6%, household bleach products do not undergo the same level of quality control. Furthermore, industrial NaOCl contains stabilizers that can accumulate on the solenoid valves of ultrasonic units over time, causing damage to the equipment and hindering its functionality.



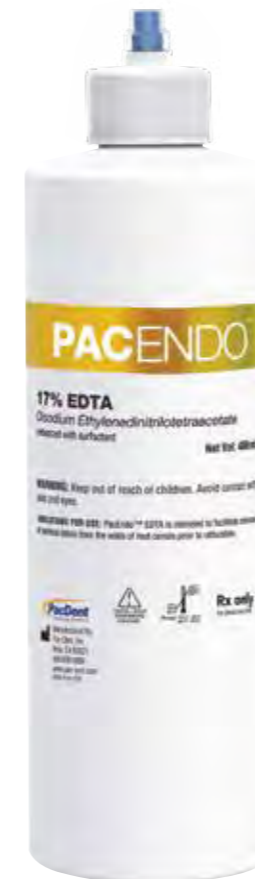
### Luer-Lock Cap

The luer-lock cap prevents cross-contamination. The syringes can be filled directly from the bottle. It improves solution efficiency and avoids splatter and spills.

# 17% EDTA

## PacEndo Irrigation Chelating Solution

ONE OF THE BEST PRODUCTS OF 2019 AS RATED BY A NON-PROFIT DENTAL RESEARCH ORGANIZATION

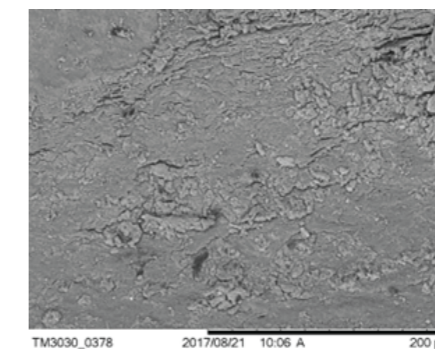


PacEndo 17% EDTA is an excellent complement to NaOCl in endodontic cleaning and disinfection phase. While NaOCl has its limitations in dissolving the inorganic components of the smear layer formed during mechanical instrumentation, PacEndo 17% EDTA chelates the calcium ions in dentin, effectively removing the smear layer. This exposure of bacteria residing in the dentinal tubules makes them more susceptible to disinfecting irrigants like Pacendo CHX 2%. Additionally, it allows the endodontic sealer to penetrate the dentinal tubules better, resulting in a superior sealing of the canal.

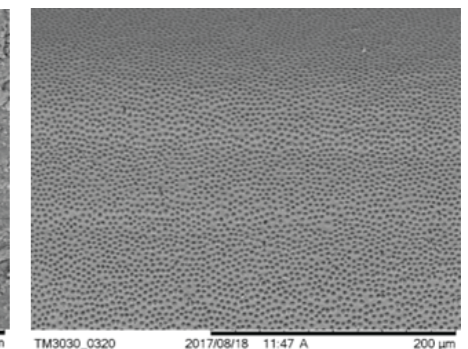
The research shows 17% EDTA is more effective at smear layer compared to other methods, such as 17% EGTA, 10% citric acid, and MTAD solution.\*

- Prepares dentin walls for better intra-tubular disinfection and sealer penetration
- Enhances the action of subsequent irrigation with Sodium Hypochlorite
- Removes smear layer and dentin mud

SEM After Instrumentation



SEM After 1 Minute PacEndo 17% EDTA



Pac-Dent's R/D Lab

PacEndo Solution Refill	480 ml/16 oz
17% EDTA with 1 x Luer-Lock Dispensing Cap	PE-EDB

\*Unnikrishnan, M., Mathai, V., Sadasiva, K., Santakumari, R. M., Girish, S., & Shailajakumari, A. (2019). The evaluation of dentin microhardness after use of 17% EDTA, 17% EGTA, 10% citric acid, MTAD used as chelating agents combined with 2.5% sodium hypochlorite after rotary instrumentation: An in vitro SEM study. Journal of Pharmacy And Bioallied Sciences, 11(6), 156. [https://doi.org/10.4103/jpbs.jpbs\\_282\\_18](https://doi.org/10.4103/jpbs.jpbs_282_18)

# 2% Chlorhexidine

## PacEndo Irrigation Disinfection Solution

ONE OF THE BEST PRODUCTS OF 2019  
AS RATED BY A NON-PROFIT DENTAL  
RESEARCH ORGANIZATION



PacEndo Chlorhexidine is intended to irrigate and cleanse root canal systems after endodontic instrumentation when sodium hypochlorite is not an option. PacEndo 2% Chlorhexidine solution exhibit potent bactericidal properties and possess the exceptional ability to adhere to canal dentin, resulting in a prolonged and effective impact known as substantivity. In contrast to NaOCl, CHX does not trigger any dentin erosion, making it the most favorable and optimal choice for enhancing the antibacterial potential during chemo-mechanical preparation procedures.



It is crucial to note that the reaction between CHX and NaOCl leads to the formation of a dangerous and potentially mutagenic substance called PCA. However, when CHX combines with EDTA, there is no significant production of PCA. It is imperative to avoid the formation of PCA by flushing NaOCl from the canal using EDTA, saline, or distilled water before applying CHX. This step is non-negotiable and should be followed strictly to ensure the safety of the patient.

PacEndo Solution Refill	480 ml/16 oz
2% Chlorhexidine with 1 x Luer-Lock Dispensing Cap	<b>PE-CHXB</b>

# Endo Irrigation Solution



## PacEndo™ 2 in 1 EDTA + Chlorhexidine

PacEndo 2 in 1 EDTA facilitates instrumentation of root canals via a smear layer removal. Chlorhexidine helps to control and kill the bacteria in root canals.

PacEndo Solution Refill	480 ml/16 oz	120 ml/4 oz
2-in-1 EDTA & Chlorhexidine with 1 x Luer-Lock Dispensing Cap	<b>PE-ENC-16</b>	<b>PE-ENC-4</b>



## PacEndo™ 95% Ethyl Alcohol

PacEndo Solution Refill	120 ml/4oz
95% Ethyl Alcohol with 1 x Luer-Lock Dispensing Cap	<b>PE-EAB</b>



## Pre-Filled Irrigation Kit Complete Endodontic Irrigation

The kit's pre-filled syringes eliminates time-consuming manual filling. Ready to use right out of the box, it includes everything for proper root canal irrigation.

EC-1A	4 x PacEndo Single Canal Kit	EC-1C	4 x PacEndo Multiple Canals Kit
	1 x 10 ml Pre-filled Sodium Hypochlorite Syringe		2 x 15 ml Pre-filled Sodium Hypochlorite Syringes
	1 x 3 ml Pre-filled EDTA Syringe		1 x 9 ml Pre-filled EDTA Syringes
	1 x 3 ml Pre-filled 95% Ethyl Alcohol Syringe		1 x 9 ml Pre-filled 95% Ethyl Alcohol Syringes
	1 x 3 ml Pre-filled Chlorhexidine Syringe		1 x 9 ml Pre-filled Chlorhexidine Syringes
	1 x Canal Aspirator with Tip		1 x Canal Aspirator with Tip



## PacEndo™ Refill Station

- Simple and convenient way to fill syringes with multiple solutions
- Easily manage different solutions
- Easy way to organize and identify syringes

**PE-STA** Irrigation Refill Station, 1 Unit

# RC-Prime™

## Root Canal Preparation Lubricant

Compared to Premier® RC-Prep®



RC-Prime is formulated with urea-peroxide 10% and EDTA acid 15% in special water-soluble base to facilitate the engine-driven files action, reducing the friction against the canal walls. RC-Prime chemical action favors the dissolution of organic tissue when used with sodium hypochlorite and also helps in smear layer removal.



It is recommended to use RC-Prime alongside sodium hypochlorite while performing instrumentation. This combination serves as a lubricant and effervescent, facilitating the removal of dentinal particles from the root canal.<sup>1</sup>



### TIPS

In vital pulp cases, it is important to make use of RC-Prep to avoid the formation of collagen plugs while performing instrumentation. These plugs tend to occur when an instrument forces the pulp down into the root canal, causing an obstruction. Handling such blockages can be as difficult as dealing with a blockage caused by a dentinal chip.

RC-Prime	1 kit
5 x 3cc Syringes, 50 x Tips	<b>RCP-01</b>

<sup>1</sup>. Heling I, Irani E, Karni S, et al. In vitro antimicrobial effect of RC-Pr within dentinal tubules. J Endod. 1999;25:782-785.

# FlexCann™

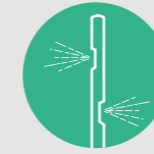
## Bendable Irrigation Tip NEW!

Compared to Ultradent NaviTip™, Vista Flexi-Glide™

Pac-Dent's FlexCann tips are 31 ga double side-vented irrigation cannulas to be used during the root canal irrigation phases. The unique angled nozzle design allows correct tip positioning on anterior and posterior teeth without the risk of interrupting irrigant flow by bending the metal part of the cannula. In addition, FlexCann is designed to create the proper shear wear stress on the root canal walls, which is responsible for the mechanical cleaning effect, without the inadvertent expression of the irrigant into periapical tissues. The flexible stainless-steel 31 ga non-tapered cannula safely navigates in curve canals, allowing upward flushing motion.



**Rounded Closed-End**  
prevents wall laceration



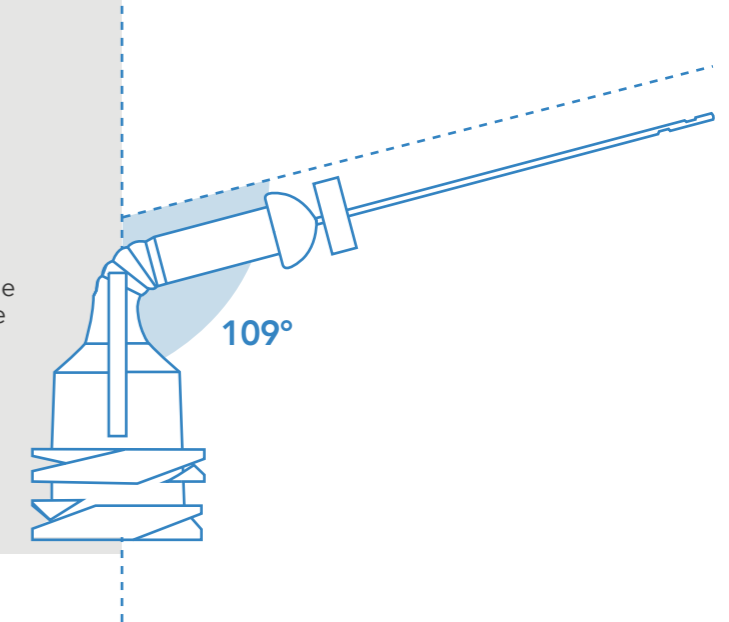
**Double-Side Port**  
prevents debris and fluid apical extrusion



**109° Fixed Angled Nozzle**  
allows accurate delivery, while avoiding the bending of the needle and interrupting the flow of irrigant



**31 Ga Size**  
allows deep irrigation even in minimally invasive preparations



FlexCann Delivery Tips	50/pk
31 ga, 27 mm Blue	<b>952101</b>
31 ga, 21 mm White	<b>952102</b>

**952102**  
31 ga, 21 mm

**952101**  
31 ga, 27 mm



# Irrigation Tips

## OptiProbe™ 31 & 29 Ga.

Irrigation Pre-Bent Tips w/Stoppers



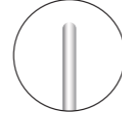
27 Ga. - 21 mm    31 Ga. - 27 mm    29 Ga. - 27 mm

- Minimize solution being expressed past the apex
- Offers effective irrigants delivery
- Adjustable needle facilitates access
- Available in 21 mm and 27 mm

Single Sideport	Tip Length	20/pk	50/Pk
27 Ga.	21 mm	217-20	217-50
27 Ga.	27 mm	218-20	218-50
31 Ga.	21 mm	219-20	219-50
31 Ga.	27 mm	220-20	220-50

Double Sideports	Tip Length	20/pk	50/Pk
27 Ga.	21 mm	215-20	215-50
27 Ga.	27 mm	216-20	216-50
31 Ga.	21 mm	221-20	221-50
31 Ga.	27 mm	222-20	222-50

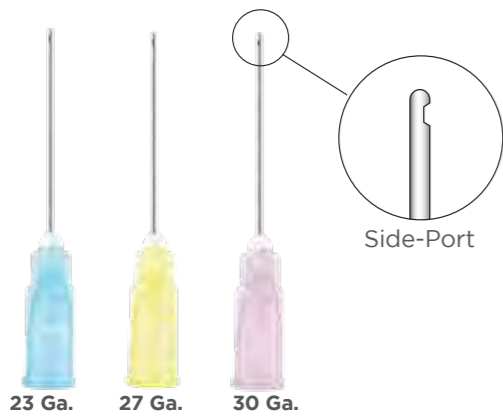
Blunt-End	Tip Length	20/pk	50/Pk
29 Ga.	27 mm	214-20	214-50



## OptiProbe™ (Side-Port)

Irrigation Tips

Closed-end cannula with a side-port exit, the OptiProbe irrigation probe offers a unique design for unmatched effectiveness, patient comfort, and safety in irrigating root canals and periodontal pockets. Each package contains 100 tips. Available in pre-sterilized version.



Side-Port

Non-Sterilized	Tip Length	100/pk
23 Ga.	25 mm	223
27 Ga.	25 mm	224
30 Ga.	25 mm	226

## 3/4" Evacu-N-Irrigation

Needle Tips

3/4", blunt-end, compatible with all luer style syringes. Each package contains 100 tips. Available in pre-sterilized version.



Blunt-End

Non-Sterilized	100/pk
18 Ga.	233
19 Ga.	234
20 Ga.	235
22 Ga.	236
25 Ga.	237

# Irrigation Tips & Syringes

## Endo Irrigation Needle Tips (Notched)



Notched

- 1" bendable monoject style needle tips
- Color coded for easy identification
- Available in pre-sterilized version

Luer-lock type needle tips adapted to most of the luer-lock syringes.

Non-Sterilized	Tip Length	100/pk
23 Ga.	25 mm	238
27 Ga.	25mm	239
30 Ga.	25mm	232

## Endo Irrigation Combo Kit

100 x 3 cc luer-lock endo irrigation syringes packaged with 100 x 1" bendable monoject style (notched) needle tips. Color coded for easy identification. Available in pre-sterilized version.



Notched

Non-Sterilized	100/Pk
23 Ga. blue tips & 3 cc syringes	244
27 Ga. yellow tips & 3 cc syringes	245
30 Ga. purple tips & 3 cc syringes	247

# Irrigation Syringes



Easy-twist cap 1.2 cc Easy-twist cap 3 cc, Black



3 cc 6 cc 12 cc

## Luer-Lock Endo Irrigation Syringes

Ideal for a controlled and precise irrigation. Compatible with all luer style needles and hubs. Disposable, non-sterile. Not for injection. Available in 5 sizes: 0.5 ml, 1.2 cc, 3 cc, 6 cc, 12 cc, and 20 cc. Packages contain 50 or 100 syringes.

Luer-Lock Syringes	100/pk
1.2 cc Syringe w/ Caps, Black	<b>310B</b>
1.2 cc Syringe w/ Caps, White	<b>310W</b>
3 cc, Black w/ Easy-Twist Cap	<b>240BK</b>

Luer-Lock Syringes	100/pk
3 cc	<b>240</b>
12 cc	<b>242</b>

Luer-Lock Syringes	50/pk
6 cc	<b>241</b>

## Curved Utility Syringe

Disposable, non-sterile syringes designed for surgical site and post-surgical irrigation, and can also be used with silicone and rubber-based impression materials for intraoral delivery. Available in 12 cc. Each package contains 50 syringes.

Curved Utility Syringe	50/pk
12 ml	<b>246C/412</b>

# Thermal Obturators



- Calibration rings facilitates setting working length
- Works with your current obturator oven at the same settings
- Easy to get great 3D fills for all canal types
- ISO-sizes system for compatibility

Pac-Dent easy-to-use thermal obturators are available with a plastic carrier (PC) or gutta-percha carrier (GPC). Both are covered with high flowable alpha-phase gutta-percha that provides excellent and precise fillings. The obturators are highly radiopaque and can be used in all the popular heaters. All packs include verifiers which make precise sizing easy.

The GPC obturators have vulcanized compounding gutta-percha carrier designed to make post space preparation easier.

### EASY TO PLACE EASY TO USE EASY TO RETREAT



Rubber stops and calibration rings facilitate proper insertion length



Easy to get great 3D fills for all canal types. Works with you current oven settings



GPC is easy to retreat and to prepare for post space



GPC Gutta Percha Carrier



Plastic Carrier



## One File™ G Obturators

PC and GPC can be used to obturate any constant .04, .06, .08, and .10 tapered canal, sizes 20 to 50.

One File™ G Thermal Obturators					
WaveOne Gold™	5 Obturator/pk + 1 Verifier	GPC	PC	GPC	PC
Small	#20	Yellow	OOG-20	OOP-20	OOP-20
Primary	#25	Red	OOG-25	OOP-25	OOP-25
--	#30	Blue	OOG-30	--	--
Medium	#35	Green	--	OOP-35	OOP-35
--	#40	Black	OOG-40	--	--
Large	#45	White	--	OOP-45	OOP-45

## Pac-File™ Obturators

PC and GPC can be used to obturate any regressive tapered canal preparations, sizes 20 to 50.

Pac-File™ Thermal Obturators				
5 Obturator/pk + 1 Verifier	GPC	PC	GPC	PC
#20	Yellow	GOB-20	POB-20	POB-20
#25	Red	GOB-25	POB-25	POB-25
#30	Blue	GOB-30	POB-30	POB-30
#35	Green	GOB-35	POB-35	POB-35
#40	Black	GOB-40	POB-40	POB-40
#45	White	GOB-45	POB-45	POB-45
#50	Yellow	GOB-50	POB-50	POB-50

## Pac-Taper™ Obturators

PC and GPC can be used to obturate any variable progressive tapered canal. Refer to the table below to select correct size.

Pac-Taper™ Thermal Obturators					
Pac-Taper™	5 Obturator/pk + 1 Verifier	GPC	PC	GPC	PC
#F1	#A1	Yellow	TOG-A1	TOP-A1	TOP-A1
#F2	#A2	Red	TOG-A2	TOP-A2	TOP-A2
#F3	#A3	Blue	TOG-A3	TOP-A3	TOP-A3
#F4	#A4	Black	TOG-A4	TOP-A4	TOP-A4
#F5	#A5	Yellow	TOG-A5	TOP-A5	TOP-A5

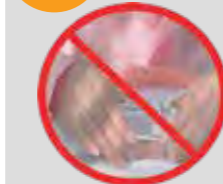
\*WaveOne Glod™ and ProTaper® are Trademarks of Dentsply.

## Accurate Machined Fabricated Gutta-Percha Points

Pac-Dent's Genius Gutta-Percha points utilize a modern proprietary method that eliminates hand-rolling, resulting in a final shape that accurately replicates the instrument's dimensions with a negligible margin of error. Genius Gutta-Percha's unique manufacturing feature ensures perfect adaptation to the canal preparation, particularly in the apical third, and guarantees an airtight seal with the preferred endodontic sealer.

- Manufactured with unparalleled precision using advanced mechanical techniques, guaranteeing accuracy within a shallow 30.01 mm margin
- No need of calibration cut or trimming
- Compatible with any sealer and technique
- ISO sizes and color coded
- Available in .02, .04 and .06 tapers
- Multiple dimensions are available for different file systems: reciprocation files, multiple and constant taper files.

Three types of Genius Gutta-Percha Points are available, Pac-File constant taper Gutta-Percha Points, Pac-Taper Gutta-Percha Points, and One File Gold progressive taper Gutta-Percha Points.



Pac-Dent has upgraded the manufacturing process for gutta-percha points, resulting in a highly precise product capable of replicating the dimensions of various systems, including the intricate multi-taper design found in modern instrumentation systems.

One File G Genius Gutta-Percha Points			
60/pk			
Small #20	Yellow	<b>PO-20</b>	
Primary #25	Red	<b>PO-25</b>	
Medium #35	Green	<b>PO-35</b>	
Large #45	White	<b>PO-45</b>	
Assorted #20-#45	Assorted	<b>PO-AS</b>	

Pac-Taper Genius Gutta-Percha Points			
60/pk			
#A1	Yellow	<b>GP-A1</b>	
#A2	Red	<b>GP-A2</b>	
#A3	Blue	<b>GP-A3</b>	
#A4	White	<b>GP-A4</b>	
#A5	Yellow	<b>GP-A5</b>	
#A1 #A2 #A3	Assorted	<b>GP-AS</b>	

Pac-File Genius Gutta-Percha Points					
.02 Taper, 120/pk .04 Taper, 60/pk .06 Taper, 60/pk					
#15	White	<b>GP-15-02</b>	<b>GP-15-04</b>	<b>GP-15-06</b>	
#20	Yellow	<b>GP-20-02</b>	<b>GP-20-04</b>	<b>GP-20-06</b>	
#25	Red	<b>GP-25-02</b>	<b>GP-25-04</b>	<b>GP-25-06</b>	
#30	Blue	<b>GP-30-02</b>	<b>GP-30-04</b>	<b>GP-30-06</b>	
#35	Green	<b>GP-35-02</b>	<b>GP-35-04</b>	<b>GP-35-06</b>	
#40	Black	<b>GP-40-02</b>	<b>GP-40-04</b>	<b>GP-40-06</b>	
#45	White	<b>GP-45-02</b>	<b>GP-45-04</b>	--	
#50	Yellow	<b>GP-50-02</b>	<b>GP-50-04</b>	--	
#55	Red	<b>GP-55-02</b>	<b>GP-55-04</b>	--	
#60	Blue	<b>GP-60-02</b>	<b>GP-60-04</b>	--	
#70	Green	<b>GP-70-02</b>	<b>GP-70-04</b>	--	
#80	Black	<b>GP-80-02</b>	<b>GP-80-04</b>	--	
#15-#40	Assorted	<b>GP-AS15-02</b>	<b>GP-AS15-04</b>	<b>GP-AS15-06</b>	
#45-#80	Assorted	<b>GP-AS45-02</b>	<b>GP-AS45-04</b>	--	

Pac-Dent's Genius gutta-percha pellets are designed for effective backflow thermoplastic obturation. They ensure controlled flow and are easily seen on X-rays, suitable for various gutta-percha guns for efficient dental procedures.



## Paper Points/Gutta-Percha Remover/Verifiers



Pac-Taper Paper Points			
100/pk			
#A1	Yellow	<b>PP-A1</b>	
#A2	Red	<b>PP-A2</b>	
#A3	Green	<b>PP-A3</b>	
#A4	White	<b>PP-A4</b>	
#A5	Black	<b>PP-A5</b>	
#A1-#A5	AST	<b>PP-AS</b>	

One File G Paper Points			
100/pk			
Small #20	Yellow	<b>PPO-20</b>	
Primary #25	Red	<b>PPO-25</b>	
Medium #35	Green	<b>PPO-35</b>	
Large #45	White	<b>PPO-45</b>	

## Paper Points

- ISO sizes and color coded
- Available in .02, .04 and .06 tapers
- Sold in 200 pcs/box for .02, 100 pcs/box for .04 and .06

Pac-File Paper Points						
		.02 Taper	.04 Taper	.06 Taper		
#15	Yellow	<b>PP-15-02</b>	<b>PP-15-04</b>	<b>PP-15-06</b>		
#20	Red	<b>PP-20-02</b>	<b>PP-20-04</b>	<b>PP-20-06</b>		
#25	Blue	<b>PP-25-02</b>	<b>PP-25-04</b>	<b>PP-25-06</b>		
#30	Green	<b>PP-30-02</b>	<b>PP-30-04</b>	<b>PP-30-06</b>		
#35	Black	<b>PP-35-02</b>	<b>PP-35-04</b>	<b>PP-35-06</b>		
#40	White	<b>PP-40-02</b>	<b>PP-40-04</b>	<b>PP-40-06</b>		
#45	Yellow	<b>PP-45-02</b>	<b>PP-45-04</b>	--		
#50	Blue	<b>PP-50-02</b>	<b>PP-50-04</b>	--		
#55	Red	<b>PP-55-02</b>	<b>PP-55-04</b>	--		
#60	Green	<b>PP-60-02</b>	<b>PP-60-04</b>	--		
#70	Black	<b>PP-70-02</b>	<b>PP-70-04</b>	--		
#80	White	<b>PP-80-02</b>	<b>PP-80-04</b>	--		
#15-#40	AST	<b>PP-AS15-02</b>	<b>PP-AS15-04</b>	<b>PP-AS15-06</b>		
#45-#80	AST	<b>PP-AS45-02</b>	<b>PP-AS45-04</b>	--		

## PacEndo<sup>™</sup> GPR

Gutta-Percha Remover

- Made of medical grade stainless steel
- Spiral design plasticizes gutta-percha and pulls it from the canal walls

PacEndo GPR			
Stainless Steel, 0.02 Taper, 21 mm, 6/pk			
#25	Red	<b>GPR-25</b>	
#30	Blue	<b>GPR-30</b>	
#35	Green	<b>GPR-35</b>	
#40	Black	<b>GPR-40</b>	
#45	White	<b>GPR-45</b>	
#50	Yellow	<b>GPR-50</b>	
#25-#50	Assorted	<b>GPR-AS</b>	



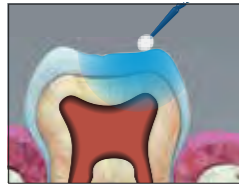
## PacFil<sup>™</sup> Verifiers

PacFil verifiers are used prior to obturation to ensure there is adequate space and passive fit for the flowable gutta percha and obturator core.

Pac-Fil Verifiers			
6/pk			
#20	Yellow	<b>PV-20</b>	
#25	Red	<b>PV-25</b>	
#30	Blue	<b>PV-30</b>	
#35	Green	<b>PV-35</b>	
#40	Black	<b>PV-40</b>	
#45	White	<b>PV-45</b>	
#50	Yellow	<b>PV-50</b>	



# Supplies



- The most accurate and reliable method of determining pulp tissue condition
- Significantly colder than ethyl chloride or ice
- For precise use with micro applicators or cotton pellets
- New fixed nozzle prevents dropping or losing detachable straw

PacEndo Vital-Ice	1 bottle	12 bottles/case
Pulp Vitality Spray, 6 OZ	<b>PE-VI-01</b>	<b>PE-VI-12</b>

## MTA Carriers

### Disposable Carriers

- Reduce waste of MTA material
- Save time by eliminating instrument cleaning
- Deliver MTA directly to the apex of the root canal
- Use for a broad range of clinical MTA application
- Bendable cannula
- Available in 10 packs of 3 sizes: 0.80 mm, 0.99 mm, and 1.60 mm.



MTA Carriers	1 box
10 x 0.80 mm	<b>MTA-01</b>
10 x 0.99 mm	<b>MTA-02</b>
10 x 1.60 mm	<b>MTA-03</b>
4 x 0.80 mm, 3 X 0.99 mm, 3 X 1.60 mm	<b>MTA-04</b>

## Disposable Endo Sponges

Fully disposable blue polyurethane sponges. Each package contains 50 sponges.



Endo Sponges	50/pk
Round, 2" dia x 3/8" Thick	<b>811</b>
Round, 2 1/2" dia x 3/8" Thick	<b>812</b>
Square, 2 1/8" x 2 1/8" x 1/4"	<b>813</b>

# Supplies

## PacRoot™ Root Canal Sealer

- Perfect mix every time with the automix delivery tip
- Set in 10 minutes or less
- High radiopacity for clear x-ray analysis
- Effective obturation in less time

PacRoot is an outstanding Zinc Oxide Eugenol root canal sealer with exceptional properties and long-lasting results. With trouble free mixing, PacRoot mixes perfectly every time right at your fingertips with the automix syringe tips and easily dispenses the proper amount without any waste of material.



PacRoot	1/pk
Root Canal Sealer	<b>RCS-01</b>
Mixing Tips	<b>30/pk</b>
1:1 ratio, Brown	<b>PD-131</b>

## AutoClavable Endo Aid Kit & Refill

- Made of autoclavable materials
- One-finger-held organizer with ruler ensures convenience
- Effectively organizes endodontic files

One-finger-held autoclavable organizer gives dental clinicians complete control over endodontic files. Each kit contains 1 organizer with integrated ruler, 2 rings to fit all finger sizes and 50 disposable triangular foam refills.



Endo Aid Kit	1 Kit
1 x Finger-Hold Organizer, 50 x Disposable Foam	<b>802</b>
Endo Organizer	1/pk
Finger-Hold Organizer	<b>803R</b>

Foam Refill	50/pk
Triangle Foam, Grey	<b>803</b>
Triangle Foam, Green	<b>803T</b>
Triangle Foam, Lavender	<b>803L</b>
Rectangular Foam, Gray	<b>804</b>



## Stainless Steel Endo Ruler



Endo Ruler	1/pk
Stainless Steel	<b>029</b>

# iRoot Pro Plus™

## Cordless Endo Motor With Apex Locator

The iRoot Pro Plus is an expertly crafted cordless base and endo motor that operates in continuous or reciprocating motion, showing a compact and ergonomic design. Its built-in apex locator is highly accurate, adding to its exceptional functionality. The iRoot Pro Plus hybrid design provides the best of both worlds, offering the portability of a cordless motor while maintaining the ease of control of a reliable bench motor. With its pre-set programs for Pac-Dent files and other compatibles, the iRoot Pro Plus allows for programming up to eight different file systems for rotation and three for reciprocation. Additionally, this remarkable open endodontic motor offers the unique feature of controlling angles in reciprocation, making it an unparalleled tool in its field.



### EXCLUSIVE FEATURES:

- Cordless lightweight handpiece with built-in accurate apex locator
- Silent (40 to 50dB) brushless motor
- Rotary and reciprocation kinematics with an adjustable range of 10° (20° ~ 400°)
- Mini 6:1 “slim neck” contra-angle
- Easy to read 3” LCD color display
- Proprietary AutoSense™ technology helps to avoid file separation
- Pre-set files programs in rotary and reciprocation
- 8 customizable programs in rotation and 3 in reciprocation for operator’s choice
- Universal “open” motor works with the majority of rotary and reciprocation engine-driven files
- Speeds between 100 and 1,200 rpm and torque between 0.4 and 4.0Ncm are available
- Convenient sub-settings: auto-start, auto-stop, auto-reverse modes, apical-stop, apical reverse and apical-slow down
- Convenient wireless handpiece charging

#### RPCL02 iRoot Pro Plus Cordless Endo Motor Kit

- |                                |                               |
|--------------------------------|-------------------------------|
| 1 x Base                       | 1 x Apex Locator Tester       |
| 1 x Cordless Handpiece (Motor) | 1 x USB Cable                 |
| 1 x Contra Angle Head          | 1 x Protective Silicone Cover |
| 1 x Measuring Wire             | 1 x Lubrication Nozzle        |
| 1 x File Clip                  | 1 x IFU                       |
| 1 x Lip Hook                   | 1 x Tech Guide                |
| 1 x Touch Probe                |                               |



**Using the appropriate file size is crucial for apex locator measurements. The file should correspond to the anatomic diameter of the canal during the last 3 mm. Thin instruments can make it challenging to obtain an electronic reading and cause inaccurate results due to inadequate control over penetration and false positive readings. Conversely, larger-sized instruments cannot reach the apical third.**



### 360° Rotatable Mini Contra-Angle

The mini contra-angle allows for increased visibility and improved access.

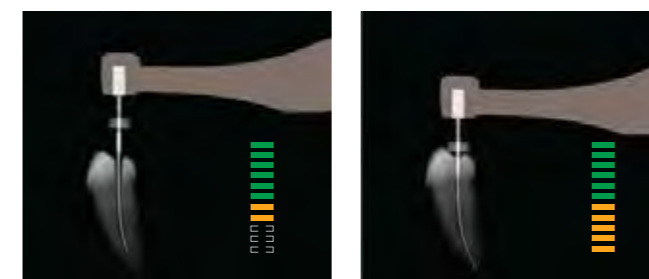


# iRoot Pro Plus™

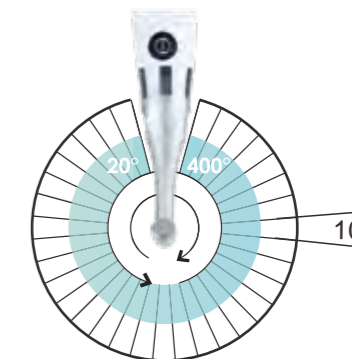
## Cordless Endo Motor With Apex Locator

### Built-In Apex Locator

The incorporation of an electronic working length determination feature significantly improves the safety of endodontic treatment by constantly displaying the precise location of the file in real-time. This feature also promptly halts or reverses rotation as soon as the file reaches the apical stop, effectively preventing over-instrumentation.



### Accurate Angle Setting in Reciprocation



With the iRoot Pro Plus high-performance open motor, operators can easily adjust the reciprocation angles in 10-degree increments. The motor runs smoothly and quietly, producing minimal vibration, guaranteeing a successful and confident performance. In addition, it is possible to establish a reciprocal program for the rotary file of your choice. However, it is important to make sure that the CW angle value is greater than the CCW angle.



**Here’s a guide on how to properly use brushing movements with your files in rotary or reciprocation motions: gently insert the file into the canal and when you feel resistance, withdraw it by 0.5 to 1.0 mm. Without exerting too much pressure, use a lateral brushing motion to flare the canal circumference. Avoid engaging the tip and keep the brushing movement minimal, ensuring the free tip of the file is touching the dentin walls laterally. Do not use the instrument for more than 5 to 10 seconds. The canal will gradually clear, and the file will progress towards the apical area. Apply light pressure only in the final millimeters of the working length.**

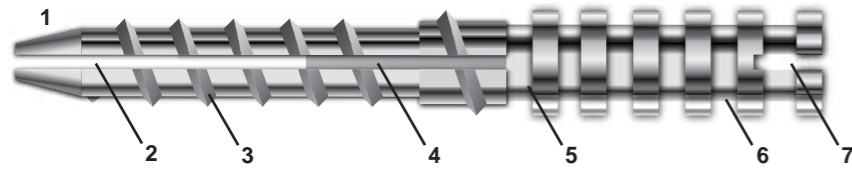
### Engine-Driven Instrumentation Kinematics: Reciprocation, Rotation, or Both?

Prioritizing the safety of asymmetric reciprocating movements is crucial to a clinically sound approach to instrumentation. Such movements effectively open up the root canal space and reduce stress until the apical limit is reached, ultimately ensuring optimal results. Finishing off with rotation aids in removing any debris, adding an extra layer of efficiency to the process. The iRoot Pro Plus is a versatile motor that grants complete control over its movement, allowing the operator to customize various parameters. It can rotate in different torque and speed values, with automatic reverse options such as stop, stop and reverse, or the exclusive AutoSense. It also supports reciprocation movement, with the ability to set and save angles in both CW and CCW directions across different programs.

# Pac-Flex™

## Post System

Compared to Flexi-Post\*



1. Tapered Tip: provides a smooth transition between post and root canal
2. Split Shank: redirects insertion stresses towards post instead of the root
3. Sharp Threads: cut into the dentin instead of compressing dentin
4. Venting Channel: avoids hydrostatic pressure during cementation
5. Wider Coronal Shank: increases the intimacy of fit between the post and the wider coronal section of the root canal
6. Serrated Head Design: provides excellent retention of core buildup materials
7. Cross Slots In Post Head: for wrench which fits within the post head diameter to facilitate post placement
8. Post and drills are packaged in color coded blister packs for easy identification, storage, and handling



### PSS-AS Stainless Steel Introductory Kit

- 12 x Posts (4 Posts of 3 Sizes), size 0, 1, 2
- 3 x Secondary Drills
- 1 x Extender
- 1 x Gauge Card
- 3 x Primary Reamers
- 3 x Secondary Drills
- 2 x Wrenches

\*Flexi-Post is the trademark of Essential Dental Systems.

### PTS-AS Titanium Serrated Assorted Kit

- 12 x Posts (4 Posts of 3 Sizes), size 0, 1, 2
- 3 x Secondary Drills
- 1 x Extender
- 1 x Gauge Card
- 3 x Primary Reamers
- 3 x Secondary Drills
- 2 x Wrenches

Refill Kit	Color	Size	Stainless Steel	Titanium
10x Posts 2 x Primary Reamers	White	00	<b>PSS00W-10</b>	<b>PTS00W-10</b>
10x Posts 1 x Primary Reamer 1 x Secondary Drill	Yellow	0	<b>PSS0Y-10</b>	<b>PTS0Y-10</b>
	Red	1	<b>PSS1R-10</b>	<b>PTS1R-10</b>
	Blue	2	<b>PSS2B-10</b>	<b>PTS2B-10</b>
	Green	3	<b>PSS3G-10</b>	<b>PTS3G-10</b>

Primary Reamers Refill	Color Code	Size	5/pk
0.78 mm Diameter	White	00	<b>PPP00W</b>
0.90 mm Diameter	Yellow	0	<b>PPP0Y</b>
1.20 mm Diameter	Red	1	<b>PPP1R</b>
1.45 mm Diameter	Blue	2	<b>PPP2B</b>
1.70 mm Diameter	Green	3	<b>PPP3G</b>

Secondary Drills Refill	Color Code	Size	5/pk
For Countersink Preparation	Yellow	0	<b>PSD0Y</b>
For Countersink Preparation	Red	1	<b>PSD1R</b>
For Countersink Preparation	Blue	2	<b>PSD2B</b>
For Countersink Preparation	Green	3	<b>PSD3G</b>

Tool Refill Kit	Size	1/pk
External wrench, for head posts	00 - 3	<b>PEW003</b>
Internal wrench, for head posts	00 - 3	<b>PIW003</b>
Drill extender, lengthens any drill by 19mm	00 - 3	<b>PDE003</b>
Depth gauge, ruler for post selection	00 - 3	<b>PDG003</b>

# INFECTION CONTROL



Air/Water Syringe Tip & Sleeve Combo - Air/Water Syringe Tip - Barrier Sleeves - Face Masks - Disposable Face Shield - Visor And Shield Kit - SoftDry Angle Cotton Roll Substitute - Silicone Napkin Holder - Disposable Traps - Surgical Aspirator Tips - Easy-E-Trap



## Easy One Step Infection Control

One of the best products in 2019  
as rated by a non-profit  
research organization



# ARMOR™

Air / Water Syringe Tip & Sleeve Combo

- A one-step time saver
- Easy infection control
- Reliable and precise delivery
- Non-slip fit



Five Air-Core Design

Armor Air/Water Syringe and Sleeve Combo combines tip and sleeve placement into a single step for fast and easy infection control. The ergonomically designed syringe-tip-sleeve system features a five air-core tip to provide precise and reliable delivery of air/water and a textured sleeve with a non-slip fit that always stays in place.

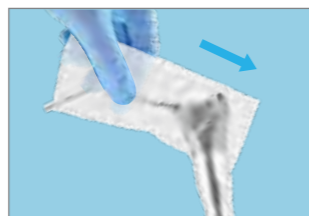


101-144 Armor A/W Syringe Tip & Sleeve Combo, 144/pk

### Installation Instructions



1. Push the syringe tip into the retainer assembly until fully seated (no groove showing)



2. Point the syringe at the floor & press the air button several times to ensure the tip is properly installed.



3. Slide the sleeve down through the shaft of the syringe until it covers the entire syringe.

### Removal Instructions



2. Press down the retainer button to loosen the tip.

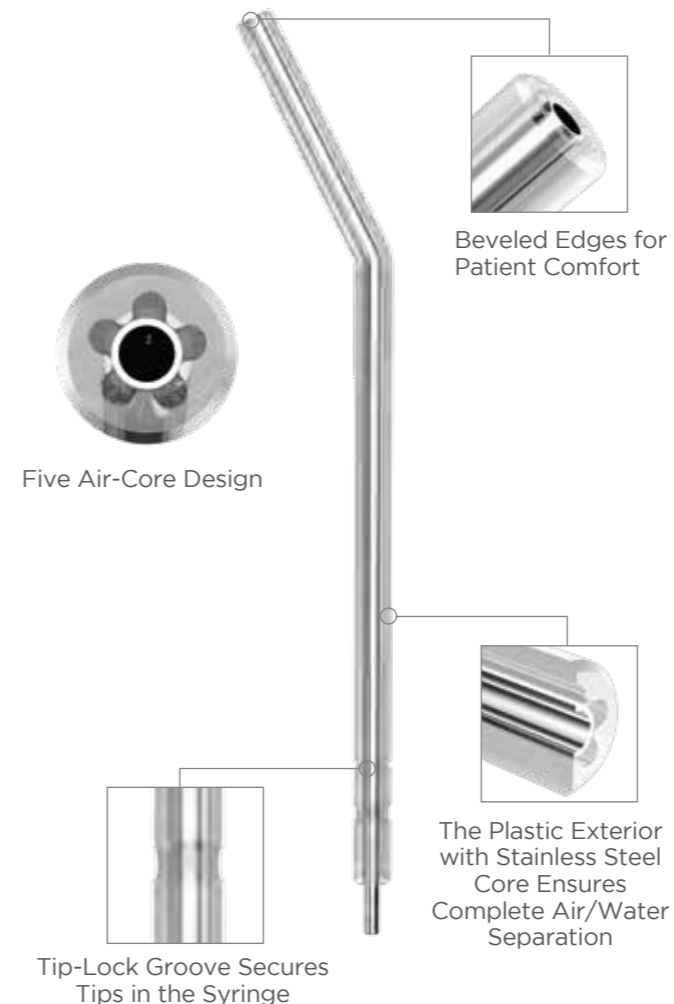


2. Pull the tip straight out of the syringe to remove it.



3. Pull up the sleeve through the shaft of the syringe.

## TruTip™ Plus Colors Air/Water Syringe Tips



- Guaranteed dry air with no moisture contamination
- Interchangeable with most tips with no conversion needed
- Five air-core design for even air flow and increased efficiency
- Secure locking fit
- Stainless steel interior, clear plastic exterior

Disposable air/water syringe tips with plastic exterior and metal interior. They are interchangeable with most metal tips, no conversion necessary. A groove in the tip ensures a snug locking fit so that the tip stays in place throughout the procedure. Does not damage O-Ring.



TruTip Plus Colors	150/pk	1500/pk
Clear	<b>108-150C</b>	<b>108-1500C</b>
Assorted colors	<b>108-150AST</b>	<b>108-1500AST</b>

## SureTight™ Tips Air/Water Syringe Tips

Comparable to Kerr Seal-Tight®

- Guarantees new and secure seal every time without hassle
- Strong enough for easy cheek and tongue retraction
- Five air-core design for even air flow and increased efficiency
- Rounded tip for extra patient comfort

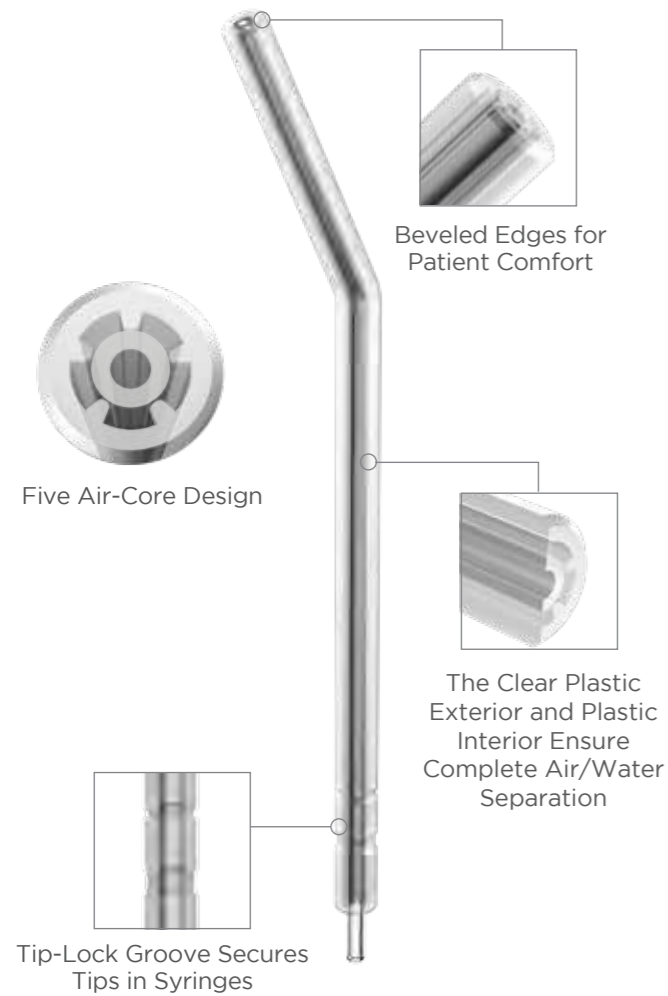
SureTight air/water syringes feature a unique interlocking system that guarantees a new and secure seal with every new tip. Includes a single water channel with 5 separate air channels that ensures perfect separation of air and water to prevent mixing.



Five Air-Core Design

SureTight Tip	200/pk	1500/pk
SureTight White/w Yellow Core	<b>109-200W</b>	<b>109-1500W</b>
SureTight Colors	<b>109-200AST</b>	<b>109-1500AST</b>
SureTight Clear	<b>541101</b>	<b>541102</b>

**NeoTip™**  
Air/Water Syringe Tips



**Comparable to Flash Tips® & Crystal Tips®**

- Inner tube does not move under pressure
- Five air-core design for even air flow and increased efficiency
- Beveled edge improves patient comfort
- Interchangeable with most tips with no conversion needed
- Designed for snug locking fit

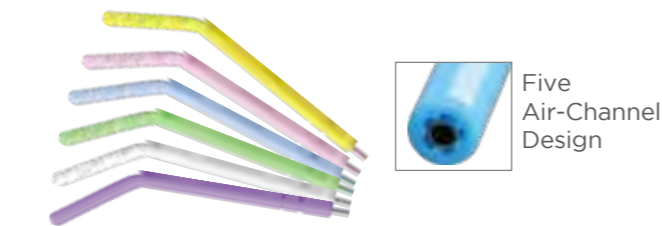
Improved disposable air/water syringe tips with a clear plastic exterior and a colorful plastic interior. NeoTips are designed with an inner tube that does not move under pressure, and includes a groove in the tip that ensures a secure locking fit for every procedure. NeoTips are fully interchangeable with most metal tips with no conversion necessary. Does not damage O-Ring.

NeoTip	250/pk	1500/pk
Assorted colors	<b>105-250AST</b>	<b>105-1500AST</b>

**TruTip™ Colors**  
Air/Water Syringe Tips

**Compared to Safe Tip® EZ**

- Colored plastic with stainless steel core
- Interchangeable with most tips with no conversion
- Designed for snug locking fit
- Rounded edge improves patient comfort

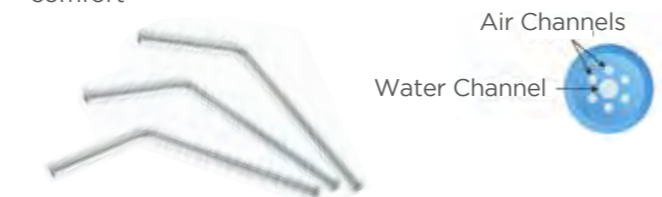


TruTip Colors	150/pk	1600/pk
White	<b>103-150W</b>	<b>103-1600W</b>
Assorted colors	<b>103-150AST</b>	<b>103-1600AST</b>

**KleanTip™**  
Air/Water Syringe Tips

**Comparable to Sani-Tip®**

- Consistent and instant dry air with no moisture contamination
- Clear and smooth disposable tip provides a clear view
- Rounded non-scratch ends for maximum patient comfort



KleanTip	250/pk	1500/pk
Clear, Standard 76mm	<b>ST-250</b>	<b>ST-1500</b>
Clear, Short 57mm	<b>ST-250S</b>	<b>ST-1500S</b>

**Armor™ Digital X-Ray Sensor Sheaths** **NEW!**

**Comparable to TIDIShield™**

- Custom-fitted sleeves for precise and easy placement for popular sensor models
- Made of soft plastic without sharp edges for maximum patient comfort
- Convenient paper-backing design ensures easy insertion of sensors
- Latex-Free






The sheaths' films are made of a specially formulated, high quality blend of resins that are durable and scratch-resistant, protecting your investment, while saving money on labor. Each package contains 500 sleeves.

These specially designed sheaths with paper-backing are custom fitted for each digital X-ray sensor type to ensure maximum patient comfort and ease of use.



	Armor X-Ray Sensor Sheaths	500/pk
	Fits Gendex Size 1, XDR size 1	<b>DX-405</b>
	Fits Gendex Size 2, XDR Size 2	<b>DX-406</b>
	Fits Dexis Sensor, Jazz Solo Sensor, Compares to TIDI # 20999	<b>DX-999</b>
	Fits Kodak 6100 Size 0, Schick CDR Elite Size 0, Compares to TIDI # 20977	<b>DX-977</b>
	Fits Kodak 6100 Size 2, Schick AE Size 2, Schick 33 Size 2, Compares to TIDI # 20979	<b>DX-979</b>
	Fits Kodak 6100 Size 1, Palodex Size 1, Schick AE Size 1, Schick 33 Size 1, Compares to TIDI # 20978	<b>DX-978</b>
	Fits Sirona Size 2, Compares to TIDI # 20890	<b>DX-890</b>
	Fits Sirona Size 1, Compares to TIDI # 20904	<b>DX-904</b>
	Fits Schick AE Size 0, Schick 33 Size 0, Schick CDR Elite Size 1, Compares to TIDI # 20824	<b>DX-824</b>
	Fits Schick CDR Elite Size 2, Compares to TIDI # 20825	<b>DX-825</b>
	Fits Suni/Lightyear Size 1 & 2, Compares to TIDI # 20819	<b>DX-819</b>
	Fits Palodex Size 2, Compares to TIDI # 20958	<b>DX-958</b>
	Fits Regam Size 2, Compares to TIDI # 20861	<b>DX-861</b>



	Armor Universal X-Ray Sensor Sheaths	500/pk
	Universal Digital Sensor Cover, X-Small Size 0, 1-1/2" x 8"	<b>532101</b>
	Universal Digital Sensor Cover, Small Size 0, 1-5/8" x 8"	<b>100L</b>
	Universal Digital Sensor Cover, Medium Size 1, 1-3/4" x 8"	<b>532102</b>
	Universal Digital Sensor Cover, Large Size 2, 2-3/8" x 8"	<b>532103</b>
	Universal Digital Sensor Cover, X-Large Size 2, 2-1/2" x 10"	<b>532104</b>

### Armor™ Phosphor Storage Plate Barrier Envelopes NEW!



Y Notch Design

#### Compared to Air Techniques ScanX® Barrier Envelopes

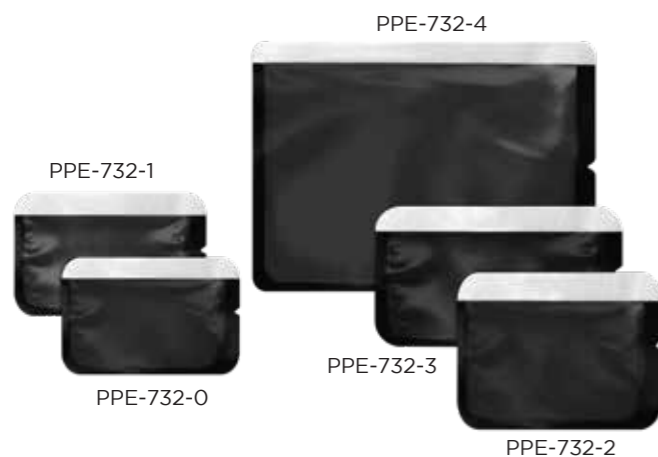
- Y-notch design reduces cross contamination
- Easy to open with quick sealing technology
- Black opaque material prevents image distortion
- Available in sizes 0, 1, 2, 3, and 4

Armor Barrier Envelopes feature a Y-notch design that ensures the envelope tears open in a single direction to reduce contamination. The extra layer of defense allows Phosphor Storage Plate (PSP) sensors to be easily reused. The black opaque back of the envelope blocks ambient light exposure, preventing image distortion.

X-Ray Barrier Envelope	100/pk
Size 0 side loading barrier envelope, Compares to Air Technique's 73248-0	<b>PPE-732-0</b>
Size 1 side loading barrier envelope, Compares to Air Technique's 73248-1	<b>PPE-732-1</b>
Size 2 side loading barrier envelope, Compares to Air Technique's 73248-2	<b>PPE-732-2</b>
Size 3 side loading barrier envelope, Compares to Air Technique's 73248-3	<b>PPE-732-3</b>

X-Ray Barrier Envelope	50/pk
Size 4 side loading barrier envelope, Compares to Air Technique's 73248-4	<b>PPE-732-4</b>



### Slip-N-Grip Chair Sleeves

Disposable Barrier Sleeves

Disposable, complete dental chair protection that stays in place. Eliminates the need for a separate headrest cover and reduces the use of disinfectants.

Chair Sleeves	150/box
Slip-N-Grip full chair sleeves, 48" x 56"	<b>111SG</b>

### Armor™ Chair Sleeves

Disposable Barrier Sleeves

- Reduce cross-contamination
- Fluid and dust resistant
- Tough and durable

Armor Disposable Chair Sleeves keep your chairs clean, and its impervious film prevents any dust or fluids from getting through. These sleeves can be easily changed to minimize the risk of cross-contamination in high-use environments. Made from a hypoallergenic copolymer, these sleeves have been tested to meet or exceed ASTM standards for bacterial and viral penetration resistance, durability, and biocompatibility.



Chair Sleeves	225/box
Half chair sleeves, 27 1/2" x 24"	<b>112</b>

Chair Sleeves	125/box
Full chair sleeves, 29" x 80"	<b>111</b>



### Headrest Covers

Disposable Barrier Sleeves

Headrest Covers	250/box
11" x 9 1/2" x 2"	<b>102</b>
14" x 9 1/2" x 2"	<b>103</b>

### Tray Sleeves

Disposable Barrier Sleeves

Made to replace paper instrument tray covers. Helps minimize staff time spent on cleaning trays and cross-contamination.



COVER-IT Barrier Film	500/box
B tray sleeves, 10 1/2" x 14"	<b>101</b>
A tray sleeves, 11 5/8" x 14 1/2"	<b>101A</b>
F tray sleeves, 7 1/2" x 10 1/2"	<b>104</b>

### COVER-IT™ Barrier Film

Adhesive Barrier Film

- Reduces cross-contamination and prevents bacterial and viral penetration
- Light-tack adhesive allows fast placement and removal without residue
- Perforated sheets offer hassle free tearing and customizable length
- Available in various colors

COVER-IT Barrier Film provides effective and affordable protection against cross-contamination and minimizes the risk of fomite-transmitted infections. This adhesive film is FDA 510(k) approved and meets or exceeds ASTM standards for bacterial and viral penetration resistance, material strength, and bio-compatibility.



COVER-IT Barrier Film	1,200 Perforated Sheets
4" x 6", Clear	<b>C101</b>
4" x 6", Blue	<b>C101B</b>

### Armor™ Curing Light Sleeves

Disposable Barrier Sleeves

#### Compare to TidiShield® Curing Light Sleeves

Custom-fitted curing light sleeves with paper backing that protect curing light tips from cross contamination. Prevents composite from adhering to end of light tip. Minimizes staff time spent on cleaning. Features ClearCure Window for maximum curing efficiency.



Curing Light Sleeves w/Paper Backing	500/pk
Fits 3M Elipar S10, Paradigm, Paradigm DeepCure, Compares to TIDI # 21101	<b>CL-101</b>
Fits Ivoclar Vivadent BluePhase, Compares to TIDI # 21102	<b>CL-102</b>
Fits Dentsply SmartLite Max, Compares to TIDI # 21103	<b>CL-103</b>
Fits Ultradent Valo Cordless, Compares to TIDI # 21105	<b>CL-105</b>
Fits Ivoclar Vivadent BluePhase G2 and BluePhase 20i, Compares to TIDI # 21110	<b>CL-110</b>
Fits Ultradent Valo Grand Cordless, Compares to TIDI # 21113	<b>CL-113</b>
Fits Ultradent Valo, Compares to TIDI # 21114	<b>CL-114</b>
Fits Ultradent Valo Grand, Compares to TIDI # 21115	<b>CL-115</b>
Fits Dentsply SmartLite Pro	<b>CL-402</b>
Curing Light Sleeves	250/pk
LED Curing Light Sleeves for Demi	<b>D250</b>
Complete Curing Light Sleeves	<b>CS250</b>
Sleeves for L.E. Demetron	<b>190LED</b>
Curing Light Sleeves	400/pk
Curing Light Handle Sleeves 5"x10"	<b>P4550</b>

### X-Ray Sleeves

Disposable Barrier Sleeves

The X-Ray Sleeve's tapered design protects your X-Ray from cross-contamination.



X-Ray Sleeves	200/pk
Universal X-Ray Sleeves, 23" x 31"	<b>110</b>
X-Ray Sleeves	250/pk
X-Ray Sleeves, 15" x 26"	<b>109</b>

### Light Sleeves

Disposable Barrier Sleeves



Light Sleeves	500/pk
"T" Handle Sleeves	<b>106</b>

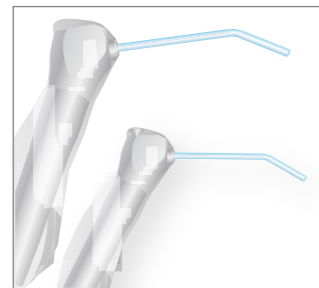
### Armor™ Syringe Sleeve

Syringe Sleeve



- Provide powerful barrier against cross-contamination
- Special grid texture surface prevents slipping and sliding
- Easy on and easy off
- Custom die-cut fits for different syringe sizes

Armor Syringe Sleeves	300/pk
For 1.2 cc Syringe	<b>SY112</b>
For 3 cc Syringe	<b>SY113</b>
For Dual-Barrel Syringe 5 ml	<b>SY114</b>



### Armor™ Disposable Barrier Sleeves

A/W Syringe Sleeves	500/pk
Syringe Sleeve w/Opening, Clear, 2 1/2" x 10"	<b>100</b>
Syringe Sleeve w/Opening, Blue, 2 1/2" x 10"	<b>100B</b>



Mixing Gun Sleeves	300/pk
Impression Gun Covers	<b>IG400</b>
Universal Composite Gun Sleeves	<b>IG300</b>

### Armor™ Disposable Protective Keyboard Sleeves

Disposable Barrier Sleeves

Armor Disposable Keyboard Sleeves are recommended for use for both public and personal keyboards to keep out fluids, dust, grime, and to prevent the risk of cross-contamination. Available in multiple sizes to fit standard, and compact keyboards.



Armor Keyboard Sleeves	250/pk
Keyboard Sleeves, 22" x 14"	<b>S121</b>
Keyboard Sleeves, 19" x 26"	<b>S122</b>
LCD & Keyboard Sleeves, 22" x 26"	<b>S123</b>
Laptop Sleeves, 15" x 22"	<b>S124</b>

### iMask™

Premium Earloop Face Masks  
ASTM Level 3



- Perfect for any procedure where moderate to heavy amounts of fluid, spray, and airborne particles are produced
- Premium non-woven fabric and staple free earloops ensure maximum user comfort during prolonged use
- Low differential pressure provides excellent breathability and minimal stuffiness
- Meets ASTM Level 3 standards for fluid resistance (160 mmHg) and bacterial and particle filtration (≥ 98%)
- 3 ply face masks
- FDA 510(k) cleared

iMask Adult Face Masks	50/box
ASTM Level 3 Blue Face Masks	<b>MASKT-06</b>
ASTM Level 3 Black Face Masks	<b>MASKT-06BK</b>
ASTM Level 3 Teal Face Masks	<b>MASKT-06T</b>
ASTM Level 3 Lavender Face Masks	<b>MASKT-06L</b>

iMask Kids Face Masks	50/box
ASTM Level 3 Kids Face Masks, Pink	<b>MASKT-KG</b>

### iShield™

Disposable Face Shield

- Lightweight, comfortable disposable face shield that provides full-face protection against body fluids
- Anti-fog coating eliminates condensation and allows superior optical clarity at all times
- Non-latex band offers a comfortable and tight fit
- Designed for prolonged use



iShield Face Shield	24/pk	38/pk
Disposable Face Shields, Vented	<b>S024</b>	<b>S026</b>



i | Visor™ Loupe

# THE MOST COMFORTABLE Reusable Visor and Shield Kit



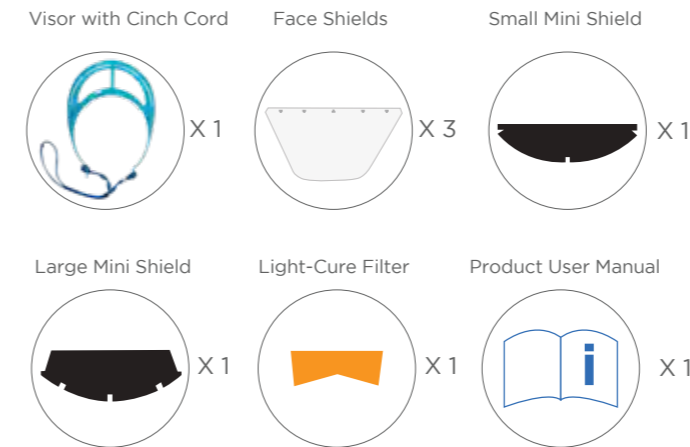
## iVisor™ Loupe Visor And Shield Kit

- Our most advanced reusable visor and shield kit
- Maximum user comfort with easily adjustable visor and large vents
- Anti-fog coating provides superior optical clarity
- Fits over glasses, loupes, and lights

iVisor Loupe is our most comfortable, reusable visor and shield kit to protect against sprays, splashes, and spatter of body fluids. Designed to eliminate pain, the visor is fully adjustable and features extra wide air vents for maximum airflow. Shields can be reused after contamination by simply washing with warm water and soap or cleaning with a disinfectant solution. Each kit contains 1 visor and 3 barrier face shields. Available in small, medium, and large with a respective rear opening of 8, 9, and 10 cm.



### iVisor Visor & Shield Kit Contents:



### iVisor Loupe Kit Small (8cm)

V201P-S ● Pink V201PW-S ● Pearl

### iVisor Loupe Kit Standard (9cm)

V201P-M ● Pink V201PW-M ● Pearl  
 V201T-M ● Teal V201B-M ● Blue  
 V201SB-M ● Space Blue V201SBK-M ● Satin Black

### iVisor Loupe Kit Large (10cm)

V201T-L ● Teal V201SB-L ● Space Blue



Visor with large mini shield Visor with large mini shield & loupe

- V015 3 x Face Shield Replacement
- V016 12 x Face Shield Replacement
- V017 6 x Small Mini Shield Replacement
- V018 6 x Large Mini Shield Replacement
- V019 6 x Light-Cure Filter Replacement

## iVisor™ Visor And Shield Kit

- Reusable visor and shield kit for full-face protection against fluids
- Anti-fog coating allows remarkable optical clarity in wet and steamy environments
- Visor can be easily reshaped to comfortably fit all
- Kit can be quickly sanitized for reuse



### iVisor Visor & Shield Kit Contents:

1 Blue visor, 3 shields, 1 light cure filter, 1 mini shield for ventilation window

V013B ● Blue visor kit V013T ● Teal visor kit  
 V013V ● Violet visor kit V013W ● White visor kit  
 V013PK ● Pink visor kit

- V014 6 Replacement Mini Shields
- V015 3 Replacement Face Shields
- V016 12 Replacement Face Shields



**SoftDry™ Angle**  
Cotton Roll Substitutes

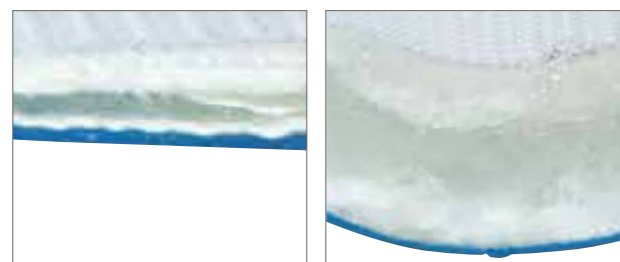
Compared to Microcopy NeoDrys™

- Super absorbent: holds 30x its weight in saliva
- Removes easily with water after procedure
- Soft edging and overall flexibility enhances user comfort

SoftDry Angles help to maximize work efficiency and procedure effectiveness by keeping the parotid gland in check for over 15 minutes. Absorbs up to 30x its own weight in saliva or moisture, while providing outstanding cheek protection. It features softer edges that maximize patient comfort and flexible material to accommodate cheek movements.

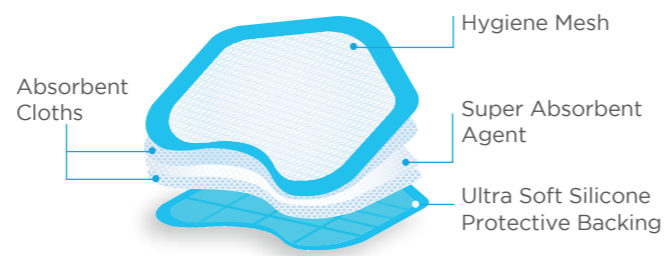
- SD-268L** ● Blue, Large Adult, 50/pk
- SD-368S** ● Yellow, Small Child, 50/pk

**Parotid Control Technology (5 layers)**



Before

After absorption



**EZ-BibClip™**

Autoclavable Silicone Bib Holders

Flexible, lightweight, and non-chilling. Features a wider neck band to increase slip resistance and will not snag hair. Provides more comfort compared to traditional bib chains. Length: 18". Medical grade silicone design, fully autoclavable up to 275°F, 100% Latex-Free.

- |                           |                     |
|---------------------------|---------------------|
| <b>090DB</b> ● Dark blue  | <b>090W</b> ● White |
| <b>090LB</b> ● Light blue | <b>090P</b> ● Pink  |
| <b>090Y</b> ● Yellow      | <b>090R</b> ● Red   |
| <b>090PU</b> ● Purple     | <b>090G</b> ● Green |



**ProEvac™**

Disposable Traps

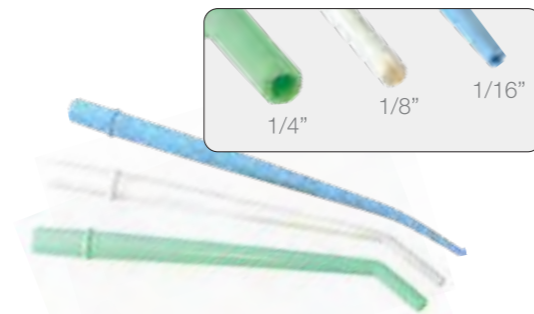
Disposable traps designed to replace the present trap filter in an evacuation unit, effectively reducing cross-contamination.



ProEvac Disposable Traps	144/pk
Dia. 1 1/4", Fits A-Dec, Cascade & Performer	<b>PD-5500</b>
Dia. 2 1/8", Fits A-Dec w/ Plastic Canisters	<b>PD-5501</b>
Dia. 2 1/4", Fits A-Dec w/ Metal Canisters	<b>PD-5502</b>
Dia. 1 7/8", Fits Belmont, Biotec, Chayes, Den-Tal-Ez, Dentech, Pelton & Crane, Proma, etc	<b>PD-5503</b>
Dia. 3 3/4", Fits Pelton & Crane Spirit w/ White Plastic Canisters	<b>PD-5505</b>
Fits DCI / Belmont Reality Models, System 6000 Models	<b>PD-5509</b>
Dia. 3", Fits Sirona - C2, C3, C4, C6, C8, Pelton & Crane S1, S2	<b>PD-5510</b>
Dia. 2 3/4", Fits A-dec 500	<b>PD-5512</b>
Dia. Universal, Fits Most Cuspidor Bowls including: Adec, Ampco, Belmont, Dabi Atlante, Dansereau, DCI, Den-Tal-Ez, Forest, Knight, Marus, MDT, Proma, Ritter, Schein	<b>PD-6100</b>
Dia. Universal, Fits Siemens, Planmeca, and Many Cuspidors with Small Diameter Openings	<b>PD-6200</b>
Dia. Universal, Fits Kavo the Environment	<b>PD-6500</b>

ProEvac Disposable Traps	72/box
Dia. Universal, Fits All Saliva Ejectors	<b>PD-5508</b>

**Armor™ Surgical Aspirator Tips**



Aspirator tips with small, standard, or large openings. Color-coded according to size. Fits 11 mm suction holders. Autoclavable up to 135°C. Each package contains 25 tips.

Surgical Aspirator Tips	25/pk
Small orifice, blue, 7 3/4" long, 1/16" diameter,	<b>010</b>
Standard orifice, white, 6 1/2" long, 1/8" diameter	<b>009</b>
Large orifice, green, 6 5/16" long, 1/4" diameter	<b>008</b>

**Easy-E-Trap**



A disposable canister, lid, mesh filter, and gasket designed to replace the present canister and filter in your central vacuum pump. Each kit is complete with waste canister and lid, filter bowl, filter screen, replacement rubber gasket, and hazardous warning sticker.

Easy-E-Trap	8/pk
Canister for Model #2300	<b>CT2300</b>
Canister for Model #2350	<b>CT2350</b>

Easy-E-Trap	12/pk
Canister for Model #2200	<b>CT2200</b>

Mesh Filters	6/pk
H: 3.75", Dia: 1.50", Filter for Model #2200	<b>P98-0090</b>
H: 4.25", Dia: 2.50", Filter for Model #2300	<b>P98-0092</b>
H: 4.25", Dia: 2.50", Filter for Model #2350	<b>MF2350</b>

**BUR & ACCESSORIES**



**Endo Access Burs - Crown Preparation Burs - Trimming & Finishing Burs- Crown Cutting Burs - Surgical Burs - FG Carbide Burs - Diamond Burs - HP Diamond Burs - Bur Dispenser**

### Specialty Carbides

Specialty carbides are a critical component to your dental practice and dental laboratory work. Our extensive range of specialty carbides encompass all of the professional needs of your dental practice including everything from trim and finish work to crowns and bridges.

### Endo-Z Safe-End Access Burs

Fitted with an extended, non-cutting, and safe-ended tip, this bur provides easy access to the pulp chamber without penetrating the root canal wall or the pulp chamber floor.

Order #	151Z	152EZ
Diameter	016	016

**152EZ:** Cutting Surface Length: 9 mm, Total Length:21 mm (Compared to Endo-Z™ by Dentsply Maillefer)

Order #	199Z	219EZ
Diameter	016	016

**199Z:** Cutting Surface Length: 10 mm, Total Length:25 mm

**219EZ:** Cutting Surface Length: 10 mm, Total Length:23 mm

### Crown Preparation Burs (Coming Soon)

Pac-Dent crown prep bur cuts quickly and smoothly through enamel without clogging with debris like amalgam, composite, and other restorations during the bulk reduction task in crown preparation. These high performance crown prep burs are comparable to SS White® Great White™ Ultra series. Each package contains 5 pieces.

Order #	CP856-016	CP856-018	CP847-016	CP379-023
Diameter	016	018	016	023



### Trimming & Finishing Burs

Egg ends provide effective contouring and shaping on both posterior occlusal surfaces, and anterior lingual surfaces. Bullet ends are designed for initial shaping of posterior teeth.

Order #	FG7004	FG7006	FG7008	FG7009
Diameter	1.40	1.80	2.30	2.50

Order #	FG7901	FG7902	FG7903
Diameter	0.90	1.00	1.20

Order #	FG7104	FG7106	FG7108
Diameter	1.40	1.80	2.30

Order #	FG7404	FG7406	FG7408	FG9406
Diameter	1.40	1.80	2.30	1.80

Order #	FG7801	FG7802	FG7803
Diameter	1.40	1.80	2.30

Order #	FG7214	FG9714	FG9642
Diameter	1.00	1.40	1.00

Order #	FG7114
Diameter	0.90

Order #	FG7204	FG7206
Diameter	1.40	1.80

Taper finishing ends are designed for trimming on the cervical portion of any tooth. Straight finishing ends create straight and smooth margins. Inverted taper ends are ideal for establishing a smooth surface on converging walls.

### Crown Cutting Burs

Pac-Dent gold crown cutting burs have greater efficiency on cutting the hardest dental materials including semi-precious metal, amalgam, and composite. PD1 and PD2 are comparable to SS White®'s GW1 and GW2. Each package contains 10 or 100 pieces. Silver burs also available at low price


Order #	FG330G	FG245G	FG557G	FG1557G	FG558G	FG701G	FG702G	PD1	PD2
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### Top Selling Surgical Burs

Pac-Dent offers FG, FGSS, FGOS, RA (LA) and HP burs. Our surgical length burs provide advanced infection control. See our Bur Catalog for complete listing

Round					Flat Fissure			Taper Fissure			
Size	2	4	6	8	Size	557	558	Size	701	702	703
FGOS	FGOS 2	FGOS 4	FGOS 6	FGOS 8	FGOS	FGOS 557	FGOS 558	FGOS	FGOS 701	FGOS 702	FGOS 703
RA	RA 2	RA 4	RA 6	RA 8	RA	RA 557		RA			
RAOS	RAOS 2	RAOS 4	RAOS 6	RAOS 8	RAOS	RAOS 557		RAOS	RAOS 701		



### FG Carbide Burs

Premium quality carbide burs with higher concentricity, faster and smoother cutting, and improved finishing. It ensures optimal strength, performance, and durability while providing patient comfort. Each package contains 10 or 100 pieces. Contact us for the complete list of available shapes.

Taper Fissure								
Order #	FG168	FG169	FG170	FG171	FG172	FG169L	FG170L	FG171L
Diameter	0.80	0.90	1.00	1.20	1.60	0.90	1.00	1.20

Pear Shape Crosscut			
Order #	FG1930	FG1931	FG1932
Diameter	0.80	1.00	1.20

Taper Fissure Crosscut								
Order #	FG699	FG700	FG701	FG702	FG703	FG699L	FG700L	FG701L
Diameter	0.90	1.00	1.20	1.60	2.10	0.90	1.00	1.20

Straight Fissure Crosscut			
Order #	FG2056	FG2057	FG2058
Diameter	0.90	1.00	1.20

Taper Fissure Dome						
Order #	FG1169	FG1170	FG1171	FG1172	FG1169L	FG1170L
Diameter	0.90	1.00	1.20	1.60	0.90	1.00

All Purpose	
Order #	FG256
Diameter	0.90

Amalgam Inverted		
Order #	FG1945	FG1946
Diameter	0.90	1.20

### FG Carbide Burs (Continued)

Extra Long Tapered Trimming			Taper Fissure Crosscut			Straight Fissure Dome Crosscut					
Order #	FG7642	FG7664	Order #	FG2069	FG2070	FG2071	Order #	FG1956	FG1957	FG1958	FG1958L
Diameter	1.00	1.50	Diameter	0.90	1.00	1.20	Diameter	0.90	1.00	1.20	1.20

Chamfer Finishing		Taper Dome Crosscut			Straight Dome		Taper Dome	
Order #	FG7283	Order #	FG1969	FG1970	FG1971	Order #	FG2157	FG2158
Diameter	1.60	Diameter	0.90	1.00	1.20	Diameter	1.00	1.20

Taper Dome		Straight Finishing Dome		Pear Shape						
Order #	FG2170	FG2171	Order #	FG9561	FG9572	Order #	FG330	FG331	FG332	FG331L
Diameter	1.00	1.20	Diameter	0.90	1.00	Diameter	0.80	1.00	1.20	1.20

Round									Straight Fissure			
Order #	FG1/4	FG1/2	FG1	FG2	FG3	FG4	FG6	FG8	FG5	Order #	FG56	FG57
Diameter	0.50	0.60	0.80	1.00	1.20	1.40	1.80	2.20	1.60	Diameter	0.90	1.00

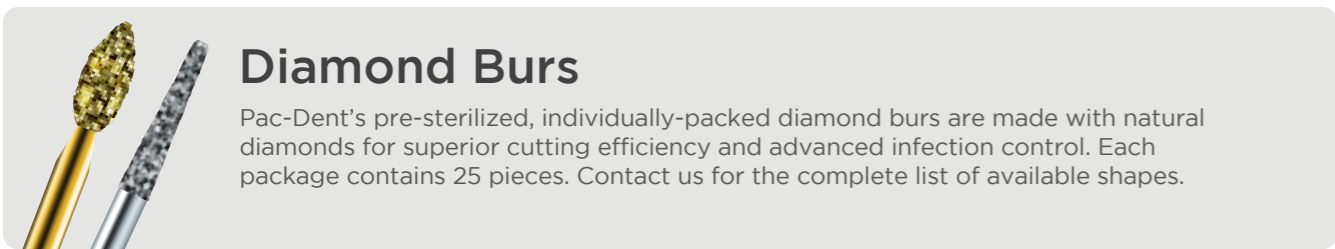
  

Wheel		Inverted Cone				Inlay Preparation		Amalgam Preparation		
Order #	FG14	Order #	FG34	FG35	FG36	FG37	Order #	FG271	Order #	FG245
Diameter	1.2p	Diameter	0.80	1.00	1.20	1.40	Diameter	1.20	Diameter	0.90

Straight Dome Crosscut		Straight Fissure Crosscut				Straight Fissure Dome					
Order #	FG1557	FG1558	Order #	FG556	FG557	FG558	FG557L	Order #	FG1156	FG1157	FG1158
Diameter	1.00	1.20	Diameter	0.90	1.00	1.20	1.00	Diameter	0.90	1.00	1.20

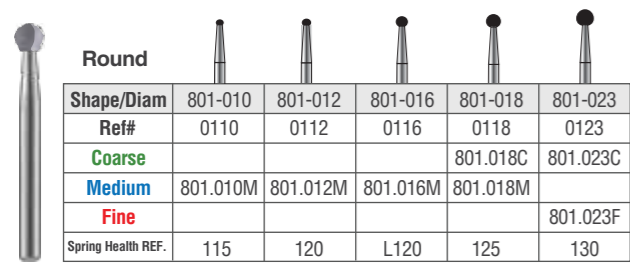




### Diamond Burs

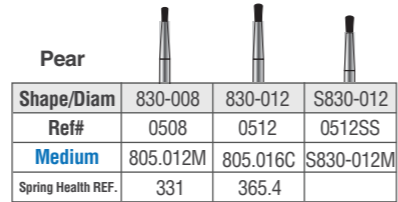
Pac-Dent's pre-sterilized, individually-packed diamond burs are made with natural diamonds for superior cutting efficiency and advanced infection control. Each package contains 25 pieces. Contact us for the complete list of available shapes.

#### Round



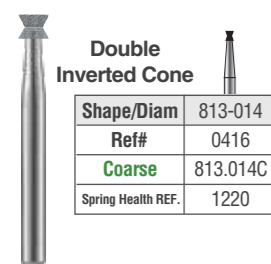
Shape/Diam	801-010	801-012	801-016	801-018	801-023
Ref#	0110	0112	0116	0118	0123
Coarse				801.018C	801.023C
Medium	801.010M	801.012M	801.016M	801.018M	
Fine					801.023F
Spring Health REF.	115	120	L120	125	130

#### Pear



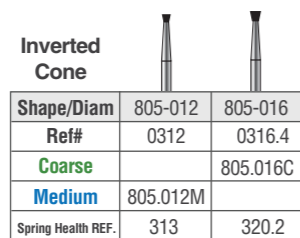
Shape/Diam	830-008	830-012	S830-012
Ref#	0508	0512	0512SS
Medium	805.012M	805.016C	S830-012M
Spring Health REF.	331	365.4	

#### Double Inverted Cone



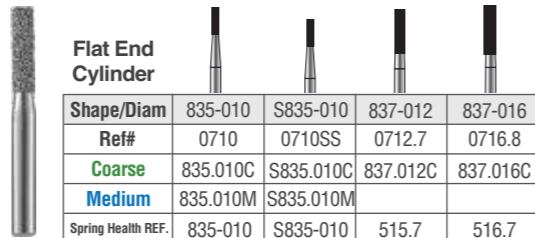
Shape/Diam	813-014
Ref#	0416
Coarse	813.014C
Spring Health REF.	1220

#### Inverted Cone



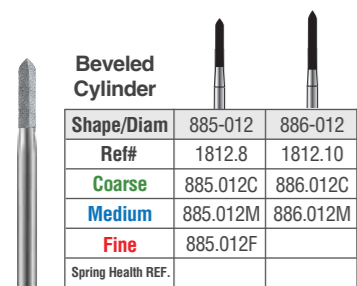
Shape/Diam	805-012	805-016
Ref#	0312	0316.4
Coarse		805.016C
Medium	805.012M	
Spring Health REF.	313	320.2

#### Flat End Cylinder



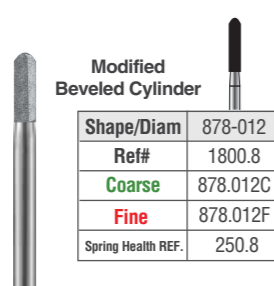
Shape/Diam	835-010	S835-010	837-012	837-016
Ref#	0710	0710SS	0712.7	0716.8
Coarse	835.010C	S835.010C	837.012C	837.016C
Medium	835.010M	S835.010M		
Spring Health REF.	835-010	S835-010	515.7	516.7

#### Beveled Cylinder



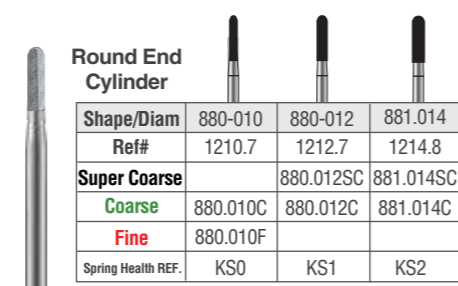
Shape/Diam	885-012	886-012
Ref#	1812.8	1812.10
Coarse	885.012C	886.012C
Medium	885.012M	886.012M
Fine	885.012F	
Spring Health REF.		

#### Modified Beveled Cylinder



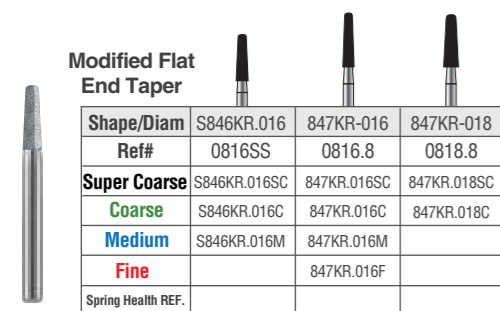
Shape/Diam	878-012
Ref#	1800.8
Coarse	878.012C
Fine	878.012F
Spring Health REF.	250.8

#### Round End Cylinder



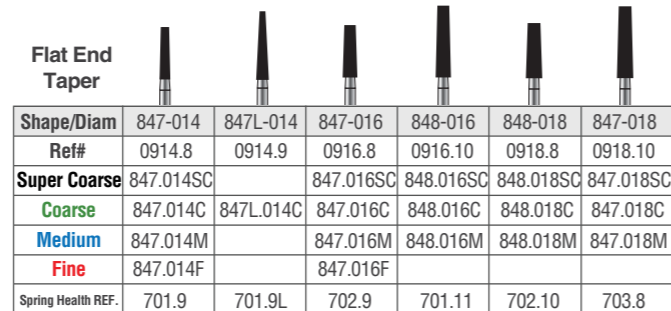
Shape/Diam	880-010	880-012	881.014
Ref#	1210.7	1212.7	1214.8
Super Coarse		880.012SC	881.014SC
Coarse	880.010C	880.012C	881.014C
Fine	880.010F		
Spring Health REF.	KS0	KS1	KS2

#### Modified Flat End Taper



Shape/Diam	S846KR-016	847KR-016	847KR-018
Ref#	0816SS	0816.8	0818.8
Super Coarse	S846KR.016SC	847KR.016SC	847KR.018SC
Coarse	S846KR.016C	847KR.016C	847KR.018C
Medium	S846KR.016M	847KR.016M	
Fine		847KR.016F	
Spring Health REF.			

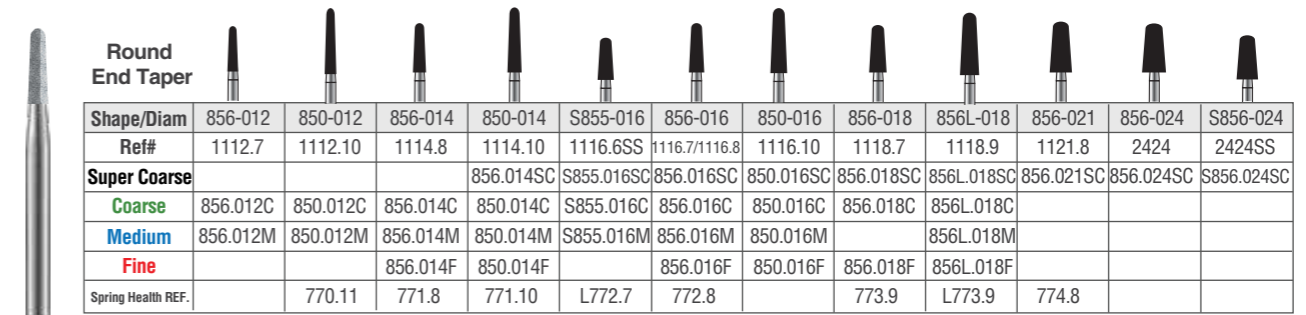
#### Flat End Taper



Shape/Diam	847-014	847L-014	847-016	848-016	848-018	847-018
Ref#	0914.8	0914.9	0916.8	0916.10	0918.8	0918.10
Super Coarse	847.014SC		847.016SC	848.016SC	848.018SC	847.018SC
Coarse	847.014C	847L.014C	847.016C	848.016C	848.018C	847.018C
Medium	847.014M		847.016M	848.016M	848.018M	847.018M
Fine	847.014F		847.016F			
Spring Health REF.	701.9	701.9L	702.9	701.11	702.10	703.8

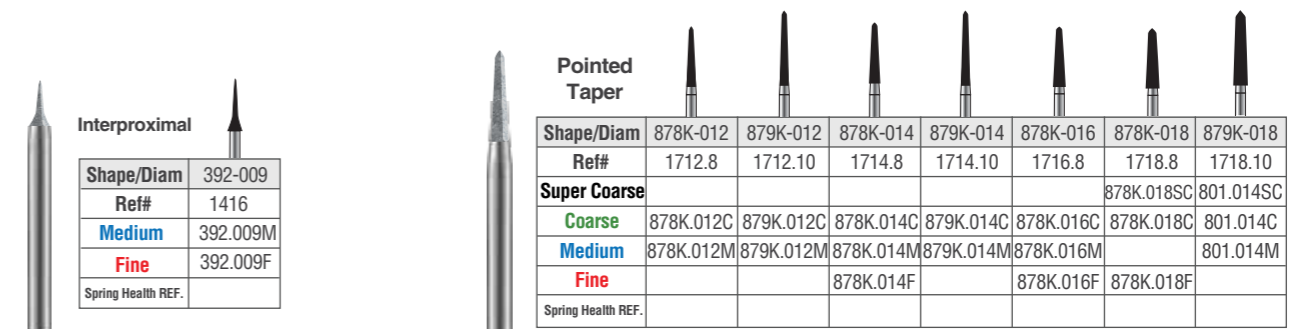
### Diamond Burs (Continued)

#### Round End Taper



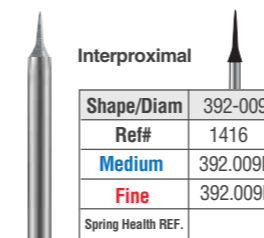
Shape/Diam	856-012	850-012	856-014	850-014	S855-016	856-016	850-016	856-018	856L-018	856-021	856-024	S856-024
Ref#	1112.7	1112.10	1114.8	1114.10	1116.6SS	1116.7/1116.8	1116.10	1118.7	1118.9	1121.8	2424	2424SS
Super Coarse				856.014SC	S855.016SC	856.016SC	850.016SC	856.018SC	856L.018SC	856.021SC	856.024SC	S856.024SC
Coarse	856.012C	850.012C	856.014C	850.014C	S855.016C	856.016C	850.016C	856.018C	856L.018C			
Medium	856.012M	850.012M	856.014M	850.014M	S855.016M	856.016M	850.016M		856L.018M			
Fine			856.014F	850.014F		856.016F	850.016F	856.018F	856L.018F			
Spring Health REF.		770.11	771.8	771.10	L772.7	772.8		773.9	L773.9	774.8		

#### Pointed Taper



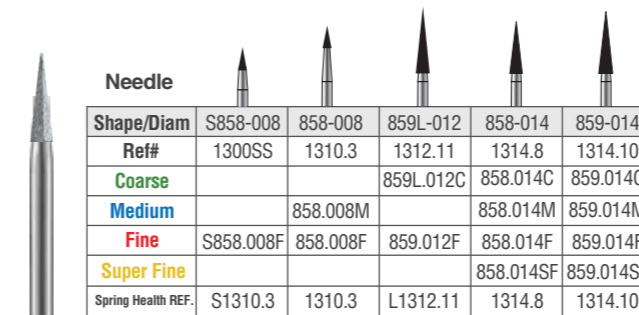
Shape/Diam	878K-012	879K-012	878K-014	879K-014	878K-016	878K-018	879K-018
Ref#	1712.8	1712.10	1714.8	1714.10	1716.8	1718.8	1718.10
Super Coarse						878K.018SC	801.014SC
Coarse	878K.012C	879K.012C	878K.014C	879K.014C	878K.016C	878K.018C	801.014C
Medium	878K.012M	879K.012M	878K.014M	879K.014M	878K.016M		801.014M
Fine			878K.014F		878K.016F	878K.018F	
Spring Health REF.							

#### Interproximal



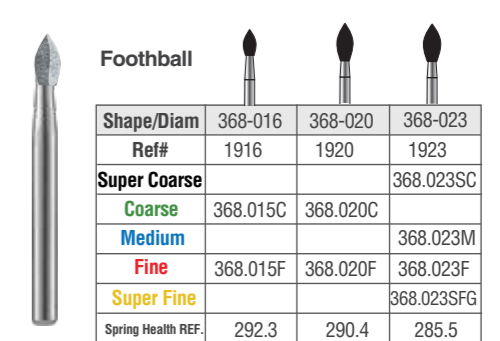
Shape/Diam	392-009
Ref#	1416
Medium	392.009M
Fine	392.009F
Spring Health REF.	

#### Needle



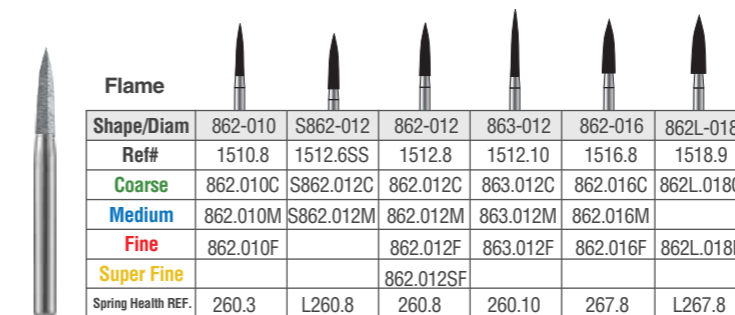
Shape/Diam	S858-008	858-008	859L-012	858-014	859-014
Ref#	1300SS	1310.3	1312.11	1314.8	1314.10
Coarse			859L.012C	858.014C	859.014C
Medium		858.008M		858.014M	859.014M
Fine	S858.008F	858.008F	859.012F	858.014F	859.014F
Super Fine				858.014SF	859.014SF
Spring Health REF.	S1310.3	1310.3	L1312.11	1314.8	1314.10

#### Football



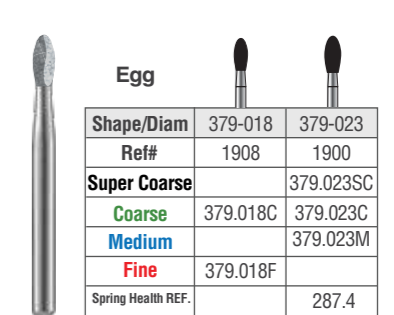
Shape/Diam	368-016	368-020	368-023
Ref#	1916	1920	1923
Super Coarse			368.023SC
Coarse	368.015C	368.020C	
Medium			368.023M
Fine	368.015F	368.020F	368.023F
Super Fine			368.023SFG
Spring Health REF.	292.3	290.4	285.5

#### Flame



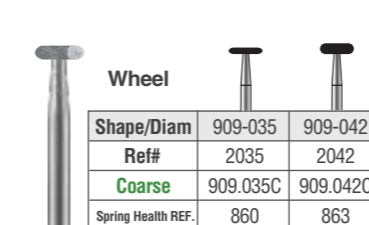
Shape/Diam	862-010	S862-012	862-012	863-012	862-016	862L-018
Ref#	1510.8	1512.6SS	1512.8	1512.10	1516.8	1518.9
Coarse	862.010C	S862.012C	862.012C	863.012C	862.016C	862L.018C
Medium	862.010M	S862.012M	862.012M	863.012M	862.016M	
Fine	862.010F		862.012F	863.012F	862.016F	862L.018F
Super Fine			862.012SF			
Spring Health REF.	260.3	L260.8	260.8	260.10	267.8	L267.8

#### Egg



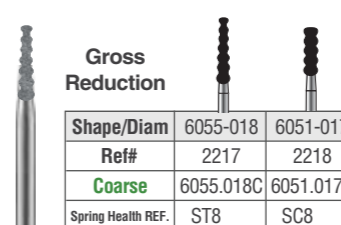
Shape/Diam	379-018	379-023
Ref#	1908	1900
Super Coarse		379.023SC
Coarse	379.018C	379.023C
Medium		379.023M
Fine	379.018F	
Spring Health REF.		287.4

#### Wheel



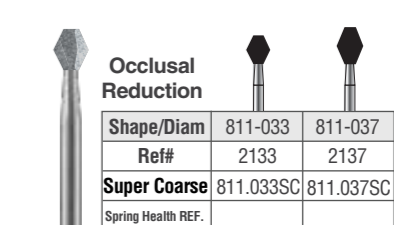
Shape/Diam	909-035	909-042
Ref#	2035	2042
Coarse	909.035C	909.042C
Spring Health REF.	860	863

#### Gross Reduction



Shape/Diam	6055-018	6051-017
Ref#	2217	2218
Coarse	6055.018C	6051.017C
Spring Health REF.	ST8	SC8


#### Occlusal Reduction



Shape/Diam	811-033	811-037
Ref#	2133	2137
Super Coarse	811.033SC	811.037SC
Spring Health REF.		

### Diamond Turbo Burs


Turbos with diamond-free cooling zones to gather and feed water directly to diamond particles, resulting in faster and cooler cutting, with minimal clogging and tooth trauma.



Order #	368-023	379-023	836-012	847-016	811-033	850-014	855-016	856-018	856L-018	862-016	877K-014	878K-014	879-014	885-014
Spring Health REF.	285.5T	275.5T	515.5T	702.9T	230T	771.10T	772.7T	773.9T	L773.9T	267.8T		254SB		

### Endo Diamond Burs


The endo diamond bur's round tip allows access to initial penetration while its tapered shape shaft flares the pulp chamber. The non-cutting safe tip diamond bur protects the chamber floor while removing the pulp chamber roof. The cutting surface is 10mm. Total length is 21mm. Each package contains 3 pieces.



Order #	802L-012	802L-014	802L-018	857-014
Diameter	012	014	018	014

### HP Diamond Burs

Made of high quality stainless steel, corrosion free shanks, the premium quality HP diamond burs feature superior cutting efficiency with minimal vibration. All popular shapes are available. Please contact us for complete availability of bur sizes.



Order #	368-018	801-029	807-014	8556-025	842R-018
Diameter	018	029	014	025	018

### Plastic Bur Dispenser

Holds 12 FG burs or 8 FG + 4 RA burs in a variety of colors. All are autoclavable up to 270°F. Specify color when ordering.



Plastic Bur Dispenser	1/pk	Plastic Bur Dispenser	1/pk	Bur Block	1/pk
Light beige (8FG + 4RA)	<b>201LBG</b>	Green (12 FG)	<b>380LG</b>	18-Bur Block (18FG Hole)	<b>071</b>
Light yellow (8FG + 4RA)	<b>201LY</b>	Light beige (12 FG)	<b>380BE</b>	27-Bur Block, (18FG+9RA Hole)	<b>072</b>
Light gray (8FG + 4RA)	<b>201LGY</b>	Light blue (12 FG)	<b>380LB</b>		
Light green (8FG + 4RA)	<b>201LG</b>	Yellow (12 FG)	<b>380LY</b>	<b>Magnetic Bur Block</b>	<b>1/pk</b>
Light blue (8FG + 4RA)	<b>201LB</b>	Navy blue (12 FG)	<b>380DB</b>	Sky Blue, 24 holes	<b>024SB</b>
Navy blue (8FG + 4RA)	<b>201DB</b>				

# WHITENING



In-Office Whitening Kits - Gingival Barrier - LED Whitening Lights - Take-Home Whitening Kits - Revitalizing & Desensitizing Aftercare Paste



Have you heard of the BIGGEST news in TOOTH WHITENING?

# SHE HAS!

NOW OFFERING THE MOST TECHNOLOGICALLY ADVANCED IN-OFFICE WHITENING GEL ON THE MARKET!

## iBrite® ADVANCE TOOTH WHITENING SYSTEM

A unique 30% Hydrogen Peroxide whitening gel formulated for instant activation. Requires no expensive light or syringe-to-syringe mixing.

The formulation combines chemical sensitivity relief (KNO<sub>3</sub>) and fluoride release.

The highly stabilized formula requires no refrigeration, guaranteeing performance and eliminating the need to warm the gel before use.

**1 DUAL-BARREL WHITENING SYSTEM**

**2 NO SENSITIVITY**

**3 NO REFRIGERATION REQUIRED**



## WHITENING | IN-OFFICE WHITENING KIT

### iBrite® 30% HP In-Office Teeth Whitening Kit

Conveniently dispense with a mixing tip

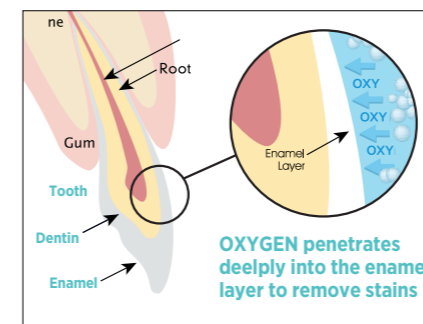


Dual-Barrel design ensures safe and fast activation

- Instant activation
- No refrigeration required
- Ensures patient safety with gingival protection
- Desensitizing additives minimize sensitivity during and after procedure
- Gluten-free

The iBrite 30% HP dual-barrel professional whitening gel delivers outstanding outcomes without the need for refrigeration. The mixed gel maintains a well-balanced pH level and incorporates potassium nitrate and fluoride to effectively reduce sensitivity. The kit includes all the essential items required to perform a complete whitening treatment.

### The Most Technologically Dual-Barrel Whitening System



The dual-barrel system eliminates the hassle of syringe-to-syringe mixing, while the unique proprietary formulation features active calcium ions that promote remineralization.

### An Average Overall Change of 6.30 Shades Was Observed<sup>1</sup>.

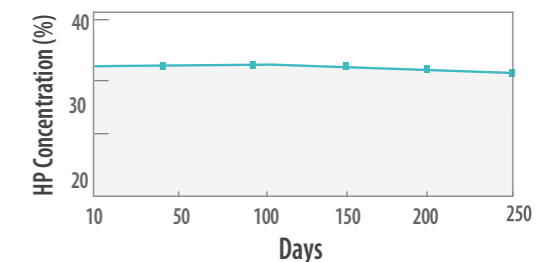


Clinical view of patients showing before and immediate postoperative phase of whitening treatment with iBrite in-office whitening system.

1. Saito, T., Yusuf, A., Syam, S., & Lan, W. (2019). A clinical evaluation of tooth bleaching treatment using a dual-barrel in-office whitening system. *Journal of Case Reports in Dental Medicine*, 1(3), 53-56.

### iBrite 30% Hydrogen Peroxide Gel Stays Very Stable at Room Temperature<sup>2</sup>.

HP Degradation Profiles at RM Temperatures



The whitening gel has been rigorously tested for shelf stability based on ISO-28399 testing standards.

2. Jiao, S. (2014). Stability study on HP in-office whitening gel. Internal Report PDR130050. Pac-Dent, Inc.



#### IB-801 iBrite In-Office Whitening Kit, Single-Patient Kit:

- |                                     |                         |
|-------------------------------------|-------------------------|
| 1 x 3.5 mL 30% HP syringe           | 1 x shade guide         |
| 1 x 1.2 mL Gingival Barrier syringe | 1 x vitamin E swabs     |
| 3 x dispensing tips                 | 1 x mini brush          |
| 1 x face cover                      | 1 x ProAngle DPA        |
| 1 x cheek retractor                 | 1 x pre-bent needle tip |
| 3 x dappen dishes                   |                         |

#### IB-803 iBrite In-Office Whitening Kit, 5-Patient Kit:

- |                                      |                          |
|--------------------------------------|--------------------------|
| 2 x 6.4 mL 30% HP syringes           | 1 x shade guide          |
| 5 x 1.2 mL Gingival Barrier syringes | 5 x vitamin E swabs      |
| 5 x dispensing tips                  | 5 x mini brushes         |
| 5 x face covers                      | 1 x ProAngle DPA         |
| 2 x cheek retractors                 | 5 x pre-bent needle tips |
| 5 x dappen dishes                    |                          |

**Gingival Barrier™**  
Barrier Resin



- Light-cured and resin-based
- Provides perfect leakproof gingival protection
- Eliminates the need for a rubber dam

Gingival Barrier is a light-cured, resin-based barrier that protects the gingiva against harm and irritation during whitening treatments. Gingival Barrier is easy to deliver via syringes and needle tips, and is easily removable.

Perfect for protecting gingiva from irritating chemicals such as whitening agents.



**IB-814** Gingival Barrier Resin Kit  
4 x 1.2 mL syringes  
6 x pre-bent needle tips

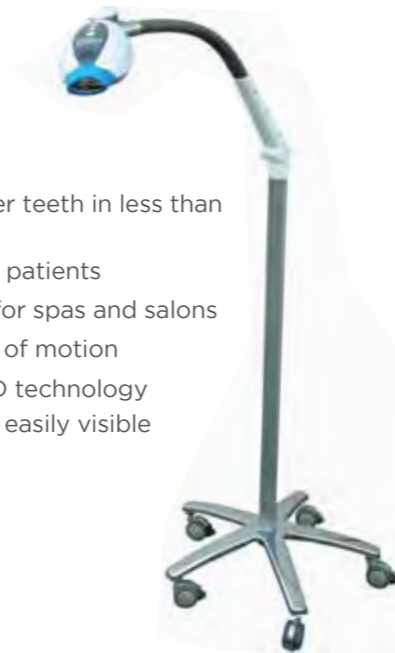
**iBrite® LED Teeth Whitening System V3**



- 6-10 shades of whiter teeth in less than 1 hour
- Unique color correction function
- Specially designed for dental clinics
- Combines LED polymerization, light activation, and color-correction properties
- State-of-the-art LED technology
- Ergonomic stand design and intuitive controls
- Works well for both gel and powder-liquid based whitening methods

**IB-888** iBrite LED Teeth Whitening System, V3

**iBrite® Portable LED Teeth Whitening System V4**



- 6-10 shades of whiter teeth in less than 1 hour
- Can be operated by patients
- Specially designed for spas and salons
- Offers a wide range of motion
- State-of-the-art LED technology
- Countdown timer is easily visible
- Simple assembly

**IB-688W** iBrite LED Teeth Whitening System, V4



**iBrite® Premium Take-Home Teeth Whitening Kit** NEW!

- 9% Hydrogen Peroxide gel for maximum effectiveness without sensitivity
- Visible results in 4 treatments with 15-minute wear time
- Convenient delivery for easy application
- Viscous gel ensures tray stays securely in place
- Mint flavored
- Gluten-free

iBrite's Premium Teeth Whitening Kit empowers you to attain a bright smile from the comfort of your own home. The professional whitening formula works its magic within 15 minutes. The stable, powerful whitening agents effectively and quickly remove hard-to-dissolve stains. This kit includes 4 whitening treatments and 4 single-use tips.

**321101** iBrite Premium Take-Home Whitening Kit  
4 x 1.2 mL Syringes  
4 x Dispensing Tips  
1 x Mouth Tray  
1 x Shade Guide



**3 Simple Steps for a Brighter Smile**



1. Unscrew the cap from a syringe and screw in the applicator tip. Fill top and bottom of tray with whitening gel.



2. Place the filled tray inside mouth and bite down gently.



3. Wear the tray daily for 15 minutes. Wash the tray with water and store it between uses.

**Kool White® 10%, 15%, and 20%**  
Carbamide Peroxide Office-Assisted  
Take-Home Whitening Kit



10% Carbamide Peroxide



15% Carbamide Peroxide



20% Carbamide Peroxide

- Enhanced formula for extended whitening action
- Unique thickening agent ensures easy application
- Specially formulated for minimal sensitivity
- Guaranteed results in two weeks
- Custom-made application tooth tray
- Mint flavored for long-lasting fresh breath
- Gluten-free

An office-assisted, patient take-home tooth whitening system is expertly designed to eliminate all forms of tooth discoloration caused by factors such as food, tobacco, and other staining agents. This advanced technology has undergone clinical testing, demonstrating its ability to safely and effectively whiten teeth within a two-week timeframe or less.

Kool White offers carbamide peroxide gel in three concentrations: a 10% kit tailed for individuals with sensitive teeth or gumes, a 15% kit design for regular users, and a 20% kit ideal for those seeking quicker results, even if they are willing to tolerate minor sensitivity.

**Kool White Take-Home Whitening Kit Contain:**  
9x 1.2 ml Syringes, 1 x Resin Spacer, 1 x Tray Case, 9 x Dispensing Tips, 2 x EVA Tray Sheets

- KW-801** Kool White 10% CP
- KW-800** Kool White 15% CP
- KW-805** Kool White 20% CP

**Kool White Take-Home Whitening Refill Kits:**

- KW-802** Kool White 10% CP, 30 x 1.2 ml syringes
- KW-803** Kool White 15% CP, 30 x 1.2 ml syringes
- KW-806** Kool White 20% CP, 30 x 1.2 ml syringes

**iBrite® 6%, 9%, and 12%**  
Hydrogen Peroxide Take Home Teeth  
Whitening Kit



12% Hydrogen Peroxide



9% Hydrogen Peroxide



6% Hydrogen Peroxide

- No need for custom fabricated tooth trays
- Prolonged activation time
- Guaranteed results in two weeks or less
- Dual-barrel gel formulated to reduce hypersensitivity and strengthen teeth enamel
- Gluten-free

Take-home teeth whitening system based on hydrogen peroxide, featuring the innovative iBrit tray, which is silicone-based self-impression tooth tray. Available in three different hydrogen peroxide concentrations (6%, 9% and 12%) to meet various patient needs. The undiluted, purified H<sub>2</sub>O<sub>2</sub> formula works nearly four times faster than traditional carbamide peroxide whitening gels. When used as directed, whitening results can be achieved in just 1-2 weeks.

This iBrite kit is versatile and can be used on its own as a take-home whitening solution or to enhance and maintain the results of in-office chair-side whitening.

**iBrite 6%HP and 9% HP Take-Home Whitening Kit Contain:**  
6 x 1.2 ml Syringes, 1 x iBrite Tray w/Silicone Bite Impression, 6 x Dispensing tips

- IB-806H** iBrite 6% HP
- IB-809H** iBrite 9% HP

**iBrite 12%HP Take-Home kit contain:**  
3 x 4.6 ml Dual-Barrel Syringes, 1 x iBrite Tray w/Silicone Bite Impression, 6 x Dispensing tips

- IB-812HD** iBrite 12% HP

**iBrite Take-Home Whitening Refill Kits:**

- IB-807H** iBrite 6% HP, 30 x 1.2 ml syringes
- IB-815H** iBrite 9% HP, 30 x 1.2 ml syringes
- IB-816H** iBrite 12% HP, 30 x 1.2 ml syringes



**ProMin™**  
Desensitizing Aftercare Paste **NEW!**

- Relieves sensitivity
- Prevents caries and gingivitis
- Remineralizes and rebuilds enamel without irritation
- Repairs white-spot lesions from previous whitening or orthodontic treatment
- Available with or without fluoride
- Gluten-free

ProMin Paste is a specially formulated paste designed to remineralize enamel, reduce tooth hypersensitivity, and repair white spot lesions. It achieves these benefits by using a proprietary calcium phosphate bioactive glass.

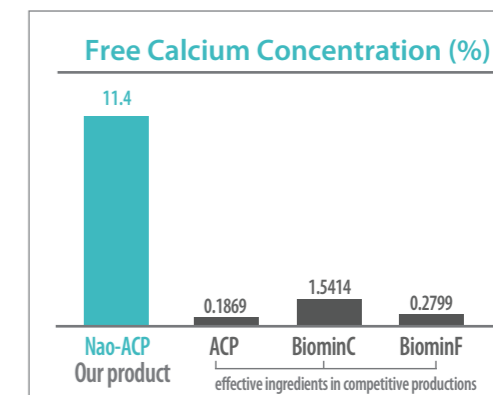
- 341101** ProMin Tooth Desensitizing Paste, 4.5 g Tube
- 341102** ProMin F Tooth Desensitizing Paste with Fluoride, 4.5 g Tube



Demineralization causes white spot lesions.

Demineralization causes calcium and phosphate ions to dissolve out of the tooth surface. White spot lesions are commonly reported as a side effect of whitening or orthodontic treatments such as Invisalign, due to prolonged periods of wearing a tooth tray, which inhibits saliva contact with teeth.

ProMin Paste is able to decrease hypersensitivity by depositing nano-sized remineralization particles (patented Nano-ACP) with calcium that are small enough to fill in exposed dentin tubules and repair enamel to remove white spot lesions.

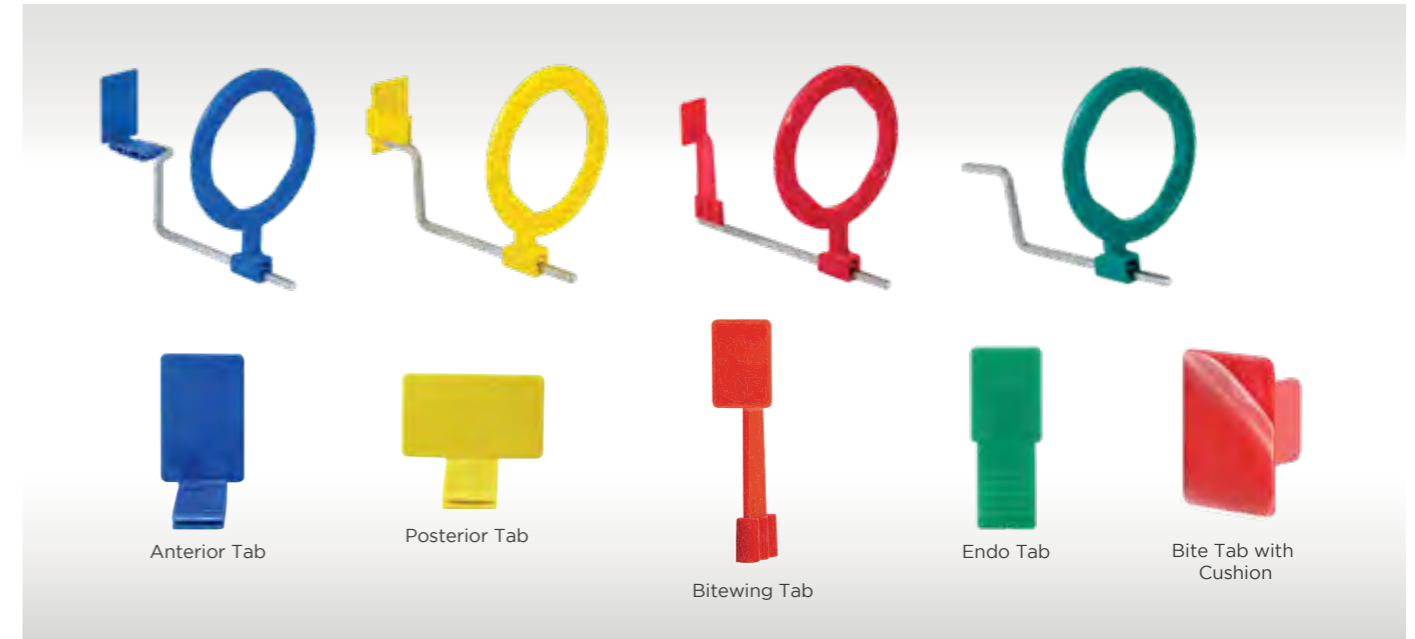


\*Data on file.

# X-RAY ACCESSORIES



X-Ray Positioning System - Bite Wing Tabs - Digital X-Ray Sensor Sheaths & Barrier Envelopes - Disposable Bite Blocks - Mouth Props - X-Ray Film and Sensor Cushions



Anterior Tab      Posterior Tab      Bitewing Tab      Endo Tab      Bite Tab with Cushion

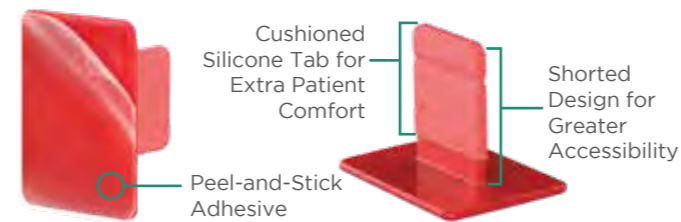
## EzAim™ X-Ray Positioning System



Arms and Rings Compared to Dentsply® Rinn® XCP, Adhesive Red Bite Tab Holder Compared to Schick® AimRight™, Sensor Holders Compared to Xios Plus

- Single-use adhesive holder that optimizes hygienic workflow
- Color coded for easy identification
- Saves time and eliminates reprocessing
- Available for anterior, posterior, endo tab, and bite tab

The EzAim™ X-Ray Positioning System features disposable, self-adhesive sensor holders with peel-and-stick adhesive technology that firmly secures digital sensors to holders. The holders are color coded for easy identification and fits all types of sensors on the market. EzAim™ holders can be used with existing aiming rings and positioning arms. Patient-friendly design eliminates extra dimensions for setup. Can be managed with hemostats. Available with matching, autoclavable positioning arms and aiming rings.



Disposable Adhesive Sensor Holder	50/pk
Adhesive Sensor Bite Tab Holders Universal Red	<b>131113</b>
Adhesive Sensor Bite Tab Holders with Cushion, Universal Red	<b>131115</b>

**131114 EzAim X-Ray Positioning System Intro Kit:**  
 4 x Positioning Arms (Blue, Red, Yellow, Green)  
 4 x Positioning Rings (Blue, Red, Yellow, Green)  
 125 x Adhesive sensor holders (Blue, Red, Yellow, Green, Bite tab)

Autoclavable Positioning Arm	1/pk
Anterior Blue	<b>131101</b>
Bitewing Red	<b>131102</b>
Posterior Yellow	<b>131103</b>
Endo Universal Green	<b>131104</b>

Autoclavable Aiming Ring	1/pk
Anterior Blue	<b>131105</b>
Bitewing Red	<b>131106</b>
Posterior Yellow	<b>131107</b>
Endo Universal Green	<b>131108</b>

Disposable Adhesive Sensor Holder	100/pk
Anterior Blue	<b>131109</b>
Posterior Yellow	<b>131110</b>
Bitewing Red	<b>131111</b>
Endo Universal Green	<b>131112</b>

## Bite Wing Tab

Bite Wing Tab	500/pk
Bite Wing Tabs	<b>CP001/BW-01</b>

## Armor™ Digital X-Ray Sensor Sheaths

NEW!

### Comparable to TIDIShield™

- Custom-fitted sleeves for precise and easy placement for popular sensor models
- Made of soft plastic without sharp edges for maximum patient comfort
- Convenient paper-backing design ensures easy insertion of sensors
- Latex-Free

The sheaths' films are made of a specially formulated, high quality blend of resins that are durable and scratch-resistant, protecting your investment, while saving money on labor. Each package contains 500 sleeves.

These specially designed sheaths with paper-backing are custom fitted for each digital X-ray sensor type to ensure maximum patient comfort and ease of use.



Armor X-Ray Sensor Sheaths	500/pk
Fits Gendex Size 1, XDR size 1	<b>DX-405</b>
Fits Gendex Size 2, XDR Size 2	<b>DX-406</b>
Fits Dexis Sensor, Jazz Solo Sensor, Compares to TIDI # 20999	<b>DX-999</b>
Fits Kodak 6100 Size 0, Schick CDR Elite Size 0, Compares to TIDI # 20977	<b>DX-977</b>
Fits Kodak 6100 Size 2, Schick AE Size 2, Schick 33 Size 2, Compares to TIDI # 20979	<b>DX-979</b>
Fits Kodak 6100 Size 1, Palodex Size 1, Schick AE Size 1, Schick 33 Size 1, Compares to TIDI # 20978	<b>DX-978</b>
Fits Sirona Size 2, Compares to TIDI # 20890	<b>DX-890</b>
Fits Sirona Size 1, Compares to TIDI # 20904	<b>DX-904</b>
Fits Schick AE Size 0, Schick 33 Size 0, Schick CDR Elite Size 1, Compares to TIDI # 20824	<b>DX-824</b>
Fits Schick CDR Elite Size 2, Compares to TIDI # 20825	<b>DX-825</b>
Fits Suni/Lightyear Size 1 & 2, Compares to TIDI # 20819	<b>DX-819</b>
Fits Palodex Size 2, Compares to TIDI # 20958	<b>DX-958</b>
Fits Regam Size 2, Compares to TIDI # 20861	<b>DX-861</b>

Armor Universal X-Ray Sensor Sheaths	500/pk
Universal Digital Sensor Cover, X-Small Size 0, 1-1/2" x 8"	<b>532101</b>
Universal Digital Sensor Cover, Small Size 0, 1-5/8" x 8"	<b>100L</b>
Universal Digital Sensor Cover, Medium Size 1, 1-3/4" x 8"	<b>532102</b>
Universal Digital Sensor Cover, Large Size 2, 2-3/8" x 8"	<b>532103</b>
Universal Digital Sensor Cover, X-Large Size 2, 2-1/2 x 10"	<b>532104</b>

## Armor™ Phosphor Storage Plate Barrier Envelopes

NEW!

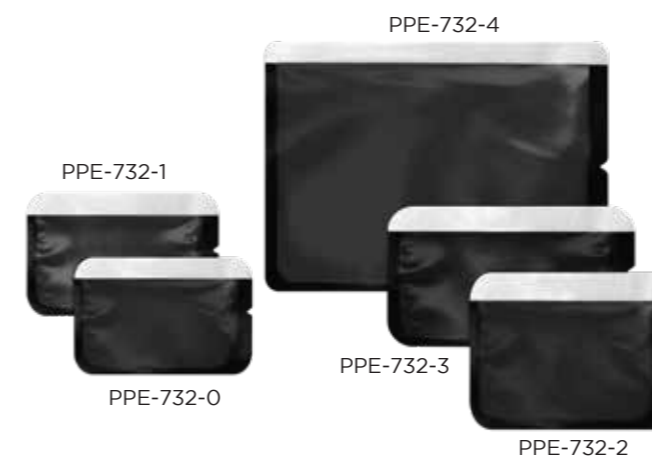


Y Notch Design

### Compared to Air Techniques ScanX® Barrier Envelopes

- Y-notch design reduces cross contamination
- Easy to open with quick sealing technology
- Black opaque material prevents image distortion
- Available in sizes 0, 1, 2, 3, and 4

Armor Barrier Envelopes feature a Y-notch design that ensures the envelope tears open in a single direction to reduce contamination. The extra layer of defense allows Phosphor Storage Plate (PSP) sensors to be easily reused. The black opaque back of the envelope blocks ambient light exposure, preventing image distortion.



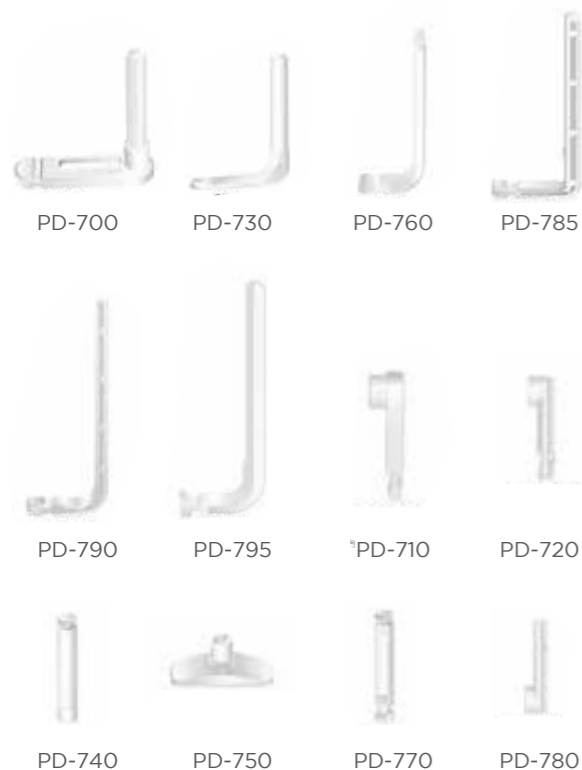
X-Ray Barrier Envelope	100/pk
Size 0 side loading barrier envelope, Compares to Air Technique's 73248-0	<b>PPE-732-0</b>
Size 1 side loading barrier envelope, Compares to Air Technique's 73248-1	<b>PPE-732-1</b>
Size 2 side loading barrier envelope, Compares to Air Technique's 73248-2	<b>PPE-732-2</b>
Size 3 side loading barrier envelope, Compares to Air Technique's 73248-3	<b>PPE-732-3</b>

X-Ray Barrier Envelope	50/pk
Size 4 side loading barrier envelope, Compares to Air Technique's 73248-4	<b>PPE-732-4</b>

**ProBlock™**  
Disposable Bite Blocks

The ProBlock is a disposable bite block specifically designed to greatly reduce the potential of cross-contamination between patients when using the panoramic x-ray machine. Each block is individually packaged, and is intended for single patient use only. 100 units per box.



ProBlock	100/pk
Fits Midwest and Ritter Panorol, J. Morita Versaview models	<b>PD-700</b>
Fits Phillips, Den-Tal-Ez Panolite, Soredex	<b>PD-730</b>
Fits Planmeca models	<b>PD-760</b>
Fits Yoshida, Kaycor, Panoura	<b>PD-785</b>
Fits Belmont X-Caliber models	<b>PD-790</b>
Fits Panoramic Corporation	<b>PD-795</b>
Fits Siemens OP 10 models	<b>PD-710</b>
Fits Siemens OP 3 and OP 5 models	<b>PD-720</b>
Fits GE Panolipse and Gendex models	<b>PD-740</b>
Fits Yoshida, Kaycor, Panoura	<b>PD-750</b>
Fits Panorex by Keystone, S.S. White	<b>PD-770</b>
Fits Belmont Autopan FIAD	<b>PD-780</b>

**SoftEdge™ Cushions**  
X-Ray Film and Sensor Cushions

**NEW!**

Compared to Crosstex® Edge-Ease™ Cushions

- Easily and securely adheres to digital sensor, phosphor plates, and film packets
- Create a soft edge for patient comfort
- Optimized thickness allows for greater fit and comfort
- Improves diagnostic results and reduces retakes
- Available in large and small sizes to fit all imaging

SoftEdge Cushions features disposable, peel-and-stick adhesive cushions that easily adheres to digital sensors, phosphor plates, and film packets. SoftEdge Cushions create a soft, comfortable edge to protect and safeguard soft tissue from abrasions, while allowing patients to bite harder on the positioning system. Provides technicians with improved diagnostic results due to proper periapical positioning, actively reducing the need for retakes.



Edge-Ease Cushions	300/box
Large (Blue) Fits Long Edge of Size 2 Film and Sensors	<b>131301</b>
Small (White) Fits Short Edge of Size 1-2 Film Size and All 0-1 Sensors	<b>131302</b>



**EasyProp™**  
Disposable Mouth Props

Compared to EZ-Prop™

- Firm and non-elastic Styrofoam composition for strength and comfort
- Helps patients hold desired angle for extended procedures
- Integrated hole for easy dental floss threading

**131201** EasyProp, 100/box

**SureHold™**  
Disposable X-Ray Film Holder

Compare to Stabe® and Supa® Film Holders

- Firm and non-elastic Styrofoam composition for strength and comfort
- Holds size #0, #1, or #2 film for both XCP® and BAI techniques for anterior and posterior exposures
- Convenient scored front snaps off for Pedit patients

**131202** SureHold, 100/box

**PropBlock™**  
Disposable Bite Blocks

Compare to Dentsply Rinn XCP® Bite Blocks

- Firm and non-elastic Styrofoam composition for strength and comfort
- Holds size #0, #1, or #2 film for XCP® film positioning system for vertical or horizontal exposures
- Convenient scored front snaps off for Pedit patients

**131203** PropBlock, 100/box

**Pac-Dent X-Ray Accessory Family**

**EzAim™**  
X-Ray Positioning System

**ARMOR™**  
X-Ray Sensor Sleeves



The Pac-Dent X-Ray Accessory family offers affordable essential tools for efficient digital imaging.

