



Freedom at your Fingertips®
Hu-Friedy Ultrasonic Insert Guide





HU-FRIEDY ULTRASONIC INSERTS

Efficient at Lower Power Ranges

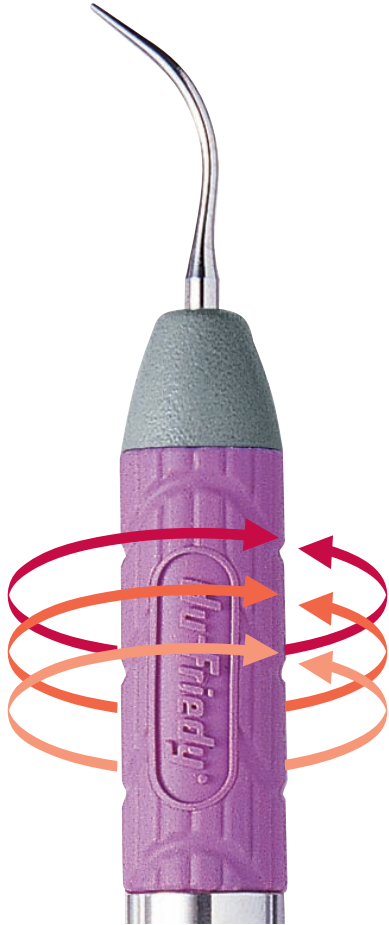
Allows you to turn down the power to increase patient comfort and still achieve efficient, thorough scaling.

Color-Coded Handles

Colorful resin handles help instantly identify tip design and increase tactile sensitivity.

Water Delivery Options

Choose from four water delivery options for your preferred combination of spray and lavage.



Hu-Friedy's exclusive SWIVEL™ insert technology – single-handedly revolutionizing the art of power scaling

ERGONOMICALLY DESIGNED

- SWIVEL inserts allow for single-handed adjustment. No need to stop scaling or to reach with your free hand to adjust the insert.
- Less hand fatigue* – An 18% larger handle diameter** reduces finger pinching for a light touch and enhanced tactile sensitivity.

CUSTOM-BLEND STAINLESS STEEL

- For improved reliability and longer life.

Source: *Gerwatoski L.J., McFall, D.B., Stach, D.: Carpal Tunnel Syndrome; Risk Factors and Preventive Strategies for the Dental Hygienist. Journal of Dental Hygiene, February 1992. **Compared to Hu-Friedy Streamline Ultrasonic Inserts.



SWIVEL™ INSERTS

SWIVEL INSERTS

*Hu-Friedy exclusive inserts –
revolutionizing the art of power scaling*

WATER DELIVERY: THROUGH
BASE OF WORKING END

No need to stop scaling to adjust the insert.
SWIVEL inserts reduce the drag from the
handpiece cord, increasing overall balance for
hassle-free scaling.

A large diameter grip reduces finger
pinching, resulting in less hand fatigue*
and enhanced tactile sensitivity.

*Source: Gerwatowski, L.J., McFall, D.B., Stach, D.: Carpal
Tunnel Syndrome; Risk Factors and Preventive Strategies for
the Dental Hygienist. Journal of Dental Hygiene, February 1992.



#10 Universal

UI25SS10

UI30SS10



#100 Thin

UI25SS100

UI30SS100



#1000 Triple Bend

UI25SS1000

UI30SS1000

25kHz Part Code

30kHz Part Code



SWIVEL DIRECT FLOW® INSERTS

SWIVEL DIRECT FLOW INSERTS

The Ultimate Ultrasonic Insert

WATER DELIVERY: THROUGH-TIP

SWIVEL Direct Flow inserts have all of the features of the revolutionary SWIVEL inserts plus unsurpassed through-tip water delivery. This design focuses the water flow directly to the working end, reducing excess spray and increasing visibility.

A special blend stainless steel alloy improves reliability for a longer life. These inserts also feature a longer 30kHz grip to improve grasp, access and adaptability in posterior areas.

Reach deep into pockets and achieve efficient subgingival scaling with the thin tips of the After Five® Straight, Left and Right inserts. These probe-size tips enhance access into periodontal pockets. The beveled edges of the #1000 Triple Bend make it ideal for removing tenacious stain and calculus.



#10 Universal

UI25SD10

UI30SD10



#100 Thin

UI25SD100

UI30SD100



NEW!

#1000 Triple Bend

UI25SD1000

UI30SD1000



Left

UI25SDL

UI30SDL



Straight

UI25SDS

UI30SDS



Right

UI25SDR

UI30SDR

(Left, Straight, and Right)

Set of Three

UI25SDSET

UI30SDSET

25kHz Part Code

30kHz Part Code

STREAMLINE® INSERTS

Designs for general scaling needs

WATER DELIVERY: THROUGH BASE OF WORKING END

Routine scaling is more efficient with our Streamline inserts, even at lower power settings.

The #10 Universal is designed for the removal of all types of debris. The #100 Thin, designed for removing light deposits, should be used on low to medium power only.

The #3 Beavertail design is excellent for removal of gross calculus and orthodontic cement.



#10 Universal

UI1025K

UI1030K



#100 Thin

UI25K100S

UI30K100S



#1000 Triple Bend

UI100025K

UI100030K



#3 Beavertail

UI325K

UI330K

25kHz Part Code

30kHz Part Code

ORIGINAL PROPHY

ORIGINAL PROPHY INSERTS

The Original Ultrasonic Insert

WATER DELIVERY: EXTERNAL OR
EXTERNAL FIXED

Designed for the removal of all types of debris.



Original Prophy

25kHz Part Code

UI25KP10

30kHz Part Code

UI30KP10



Original Prophy PLUS

UI25KP10P

UI30KP10P

AFTER FIVE® PLUS™

AFTER FIVE PLUS INSERTS

Thin probe-like tip design

WATER DELIVERY: EXTERNAL OR
EXTERNAL FIXED

Reach deep into pockets and achieve efficient subgingival scaling with these thin tips, exclusively from Hu-Friedy. Probe-size tips enhance access into periodontal pockets.



AFTER FIVE -
METAL HANDLE

Left

UI25KSL10L

UI30KSL10L

Right

UI25KSL10R

UI30KSL10R

Straight

Set of Three

UI25KSL10S

UI25KSLSET

UI30KSL10S

UI30KSLSET



Left

UI25KSF10L

UI30KSF10L



Straight

UI25KSF10S

UI30KSF10S



Right

UI25KSF10R

UI30KSF10R

Set of Three

UI25KSFSET

UI30KSFSET

25kHz Part Code

30kHz Part Code

FURCATION PLUS

FURCATION PLUS INSERTS

0.8mm ball end design adapts to furcations

WATER DELIVERY: EXTERNAL OR EXTERNAL FIXED

Ball end offers greater tip surface area for gentle, more thorough debridement in this difficult to reach area.

In the PLUS Inserts, the water tube is fixed within a lightweight resin handle for hassle-free water delivery.



Furcation Straight

UI25KFS
UI30KFS

FURCATION PLUS -
METAL HANDLE

Furcation Left

UI25KFL
UI30KFL

Furcation Right

UI25KFR
UI30KFR

Set of Three

UI25KFSSET
UI30KFSSET



Furcation PLUS Left

UI25KFPL
UI30KFPL



Furcation PLUS Straight

UI25KFPS
UI30KFPS



Furcation PLUS Right

UI25KFPR
UI30KFPR

Set of Three

UI25KFPSET
UI30KFPSET

25kHz Part Code
30kHz Part Code

CARE & MAINTENANCE

INSTRUCTIONS FOR USE:

To increase the o-ring life of Hu-Friedy ultrasonic inserts and to prevent water flow from the tip after release of the foot control, take the following steps before placing the insert into the handpiece: Hold the handpiece upright over the sink, activate the foot control and flush the water line for 2 minutes at the beginning of each day and 30 seconds between insert placement. Fill entire handpiece with water. Gently twist the insert into the handpiece until completely seated.

SWIVEL and SWIVEL Direct Flow inserts – To maintain a smooth swivel, activate the foot switch and rotate insert 2-3 times prior to use.

All thin inserts (SWIVEL #100, SWIVEL Direct Flow #100, Streamline #100, After Five inserts, Furcation inserts) should be used on LOW TO MEDIUM power settings only.

CLEANING & CARE:

For intended use by dental professionals. Inspect, clean and sterilize (autoclave) prior to use. Do not heat above 275°F/135°C. Do not expose to phenols or iodophors. Do not expose to dry heat sterilization. Inserts that have bent, altered, worn tips or other compromising conditions should be removed from service.

APPLICATION CHART:

	#10 Universal	#100 Thin*	#1000 Triple Bend	#3 Beaver tail	Original Prophy Inserts	After Five Inserts (Left, Straight, Right)	Furcation Inserts (Left, Straight, Right)
Light to moderate deposits	•	•			•		
Heavy deposits Orthodontic cement			•	•			
Light to moderate deposits in periodontal pockets		•				•	
Moderate to heavy deposits in periodontal pockets	•				•		
Furcation areas						•	•
Developmental concavities						•	•

* #100 Swivel and Swivel Direct Flow inserts may be used for light deposits subgingivally in periodontal pockets.

CROSS REFERENCE GUIDE:

HU-FRIEDY ULTRASONIC INSERTS				DENTSPLY CAVITRON INSERTS		
Tip Style	Handle	25kHz Part Code	30kHz Part Code	Tip Style	25kHz Handle	30kHz Handle
Swivel						
#10 Universal	Lavender	UI25SS10	UI30SS10			
#100 Thin	Black	UI25SS100	UI30SS100			
#1000 Triple Bend	Orange	UI25SS1000	UI30SS1000			
Swivel Direct Flow						
#10 Universal	Lavender	UI25SD10	UI30SD10			
#100 Thin	Black	UI25SD100	UI30SD100			
After Five Straight	Dark Blue	UI25SDS	UI30SDS			
#1000 Triple Bend	Orange	UI25SD1000	UI30SD1000			
After Five Right	Red	UI25SDR	UI30SDR			
After Five Left	Teal	UI25SDL	UI30SDL			
After Five Set of 3*	Blue, Red, Teal	UI25SDSET	UI30SDSET			
Streamline				TFI Thru Flow		
#10 Universal	Lavender	UI1025K	UI1030K	TFI #10 Straight	Grey	Black
#100 Thin	Black	UI25K100S	UI30K100S			
#1000 Triple Bend	Orange	UI100025K	UI100030K	TFI #1000 Straight Triple	Grey	Black
#3 Beavertail	Yellow	UI325K	UI330K	Bend TFI #3 Thin Beavertail	Grey	Black
Original Prophy Designs				Classic "P"		
#10 Universal	Metal	UI25KP10	UI30KP10	25K P-10 Classic "P"	Metal	Metal
#10 Universal PLUS	Green	UI25KP10P	UI30KP10P			
After Five - Periodontal Debridement				SLI Slimline		
After Five Straight	Metal	UI25KSL10S	UI30KSL10S	SLI #10 Straight/P-12	Metal	Metal
After Five Right	Metal	UI25KSL10R	UI30KSL10R	SLI #10 Right/EWP-12R	Metal	Metal
After Five Left	Metal	UI25KSL10L	UI30KSL10L	SLI #10 Left/EWP-12L	Metal	Metal
After Five Set of 3*	Metal	UI25KSLSET	UI30KSLSET	SLI Assorted 3-pack	Metal	Metal
After Five PLUS - Periodontal Debridement						
After Five PLUS Straight	Dark Blue	UI25KSF10S	UI30KSF10S			
After Five PLUS Right	Red	UI25KSF10R	UI30KSF10R			
After Five PLUS Left	Teal	UI25KSF10L	UI30KSF10L			
After Five PLUS Set of 3*	Blue, Red, Teal	UI25KSFSET	UI30KSFSET			

*Set of 3 includes a straight, right and left.

REPLACEMENT GUIDE:

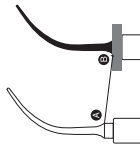
Scaling efficiency can significantly diminish with worn insert tips. Inferior performance and poor water delivery can result from worn, damaged, bent, or altered tips. For optimal scaling efficiency, we recommend checking inserts regularly for signs of wear.

1mm loss can result in 25% efficiency loss

2mm loss can result in 50% efficiency loss



ACTUAL SIZE



1. Position point A to point B as shown.
2. Rotate insert until tip is flat against the card.
3. Evaluate tip condition, compared to blue/red bars.

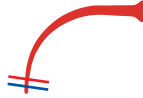
To re-order inserts call 1-800-HU-FRIEDY or your authorized Hu-Friedy dealer.

After Five® Designs

Left

Straight

Right



Furcation Designs

Left

Straight

Right

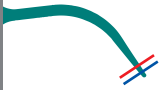




Insert Wear Guide

Optimum Efficiency: Tip extends beyond blue line
25% Efficiency Loss (Re-order): Tip touches blue line
50% Efficiency Loss (Discard): Tip touches red line

Original Proply



#10 Universal



#100 Thin



#1000 Triple Bend



#3 Beavertail





Satisfaction Guarantee: Ultrasonic Inserts

Hu-Friedy is committed to YOU, our valued customer. If you're not satisfied, we're not satisfied. If for any reason you are unhappy with your Hu-Friedy Ultrasonic Insert within the first month of usage, simply return it for a product exchange – no questions asked. No other company offers such a comprehensive satisfaction guarantee.



Hu-Friedy Mfg. Co., Inc.
3232 N. Rockwell St.
Chicago, IL 60618
1-773-975-6100
1-800-HU-FRIEDY
www.hu-friedy.com

© 2008 Hu-Friedy Mfg. Co., Inc. Swivel™ and Swivel Direct Flow® Ultrasonic Swivel Inserts are patented under U.S. patents 6,716,028, 6,811,399, and 7,011,520 and European Patent EP 1279380 B1. Resin handled ultrasonic inserts with external water tube delivery are patented under U.S. patent 5,775,901. HU-FRIEDY, the Hu-Friedy oval logo, Freedom at your Fingertips, After Five, Swivel Direct Flow, Streamline, are trademarks of Hu-Friedy Mfg. Co., Inc.