

POWER  
SCALING



## HU-FRIEDY EMS PIEZO TIPS

FOR A COMPLETE RANGE OF TREATMENTS

# PIEZON® TECHNOLOGY



## ABSOLUTELY LINEAR OSCILLATIONS

- For unequalled precision and gentle functioning of each tip
- Perfect for the respective treatment application with permanent feedback measurement

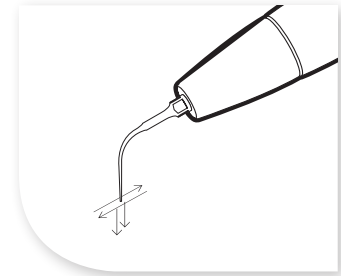


Figure 1

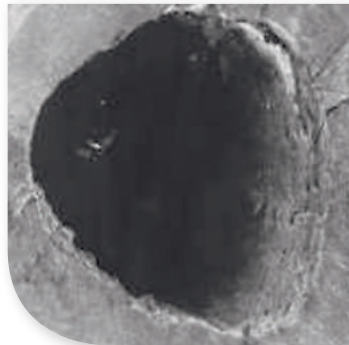


Figure 2

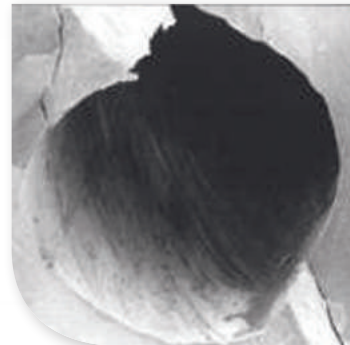


Figure 3

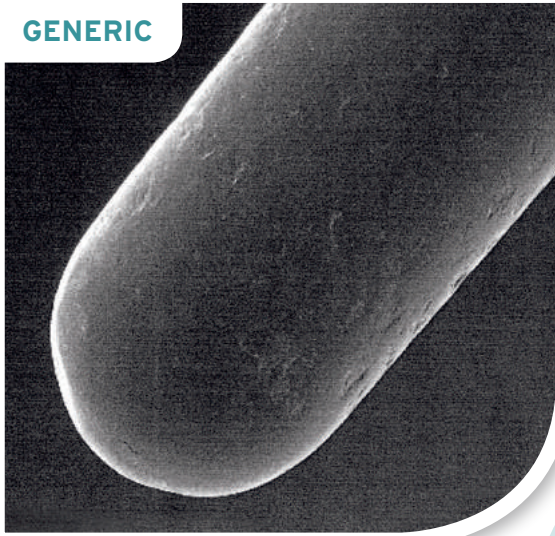
- *Hydrodynamic effects are key to success in perio and endo treatments (Figure 1)*
- *Bactericidal action through cavitation and acoustic streaming (Figure 1)*
- *Comparison of a root canal prepared using hand instrumentation (left - Figure 2) and one prepared with the Piezon® ultrasonic tips, (right - Figure 3)*

# HU-FRIEDY EMS PIEZO TIPS

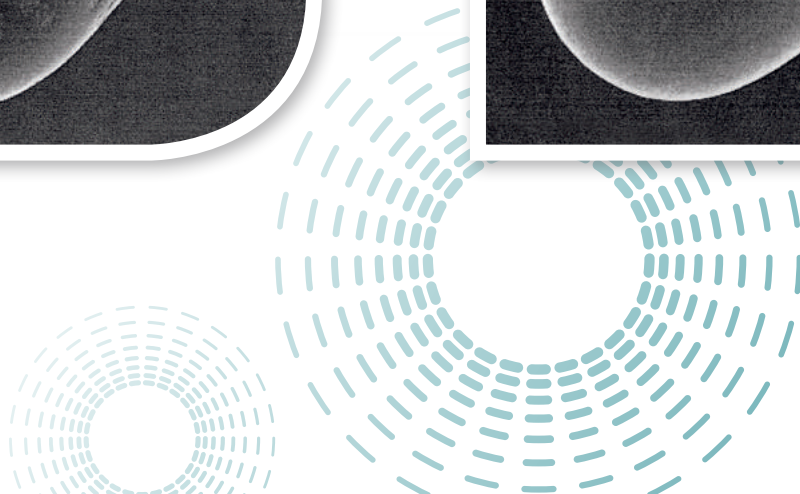
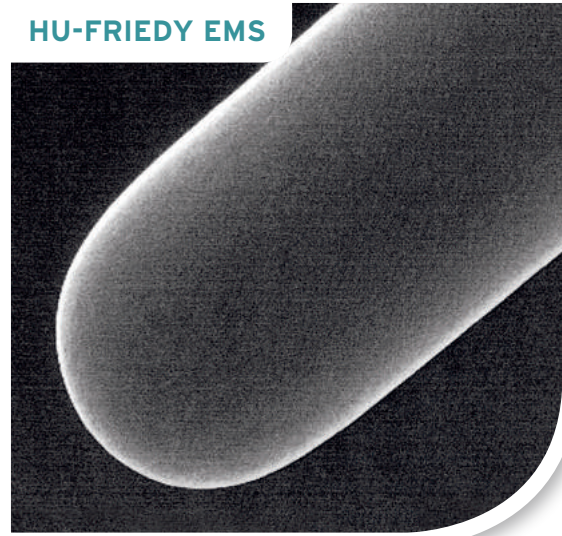
## MAGNIFICATION REVEALS THE QUALITY DIFFERENCE

- Made from an exclusive stainless steel alloy
- Intricate manufacturing process with up to 31 production steps
- Reproducible oscillation behaviour due to high-precision fabrication
- Fine surface due to special polishing process for long life
- Inspection of each tip before leaving the manufacturing facility

**GENERIC**



**HU-FRIEDY EMS**



# SCALING AND PERIO TIPS

*Gentle for your Patients*

## Instrument A

### | DS-001HF/HF

For removing supragingival deposits in all quadrants



## Instrument P

### | DS-011HF/HF

For removing supra- and subgingival calculus in all quadrants



## Instrument PS

### | DS-016HF/HF

For removing calculus in deep periodontal pockets in all quadrants

“The Perio Slim Tip had the best interproximal and subgingival access”

- CRA

(Clinical Research Associates)  
Newsletter, USA, June 1998



## Instrument B

### | DS-003HF/HF

For cleaning lingual surfaces with heavy stain and calculus



## Instrument C

### | DS-002HF/HF

For removing deposits and stain - especially suitable for removing bonding residue, (e.g. in orthodontics)



### Instrument PL1

#### | DS-030HF/HF

Left-curved instrument for periodontal debridement - especially suitable for difficult-to-reach interproximal surfaces



### Instrument PL4

#### | DS-033HF/HF

Left-curved instrument with small ball (> 0.6-mm diameter) on instrument tip for the periodontal debridement of furcations and concavities



### Instrument PL2

#### | DS-031HF/HF

Same as PL1 instrument with a right curve



### Instrument PL5

#### | DS-034HF/HF

Same as PL4 instrument with right curve



### Instrument PL3

#### | DS-0032HF/HF

Instrument for cleaning and disinfecting periodontal pockets - especially suitable for follow-up and recall visits



### Diamond Tipped Instruments

HPL3 | DS-075HF/HF 70µm grain

DPL3 | DS-065HF/HF 15µm grain

Diamond-tipped instruments for smoothing restoration overhangs



# IMPLANT MAINTENANCE

## THE IMPLANT TIP, INSTRUMENT PI:

- Easily debrides implant and restoration surfaces
- Is comfortable for the patient thanks to smooth, plastic surface coating and gentle tip motion
- Features an instrument coating made of a high-tech Polyether Ether Ketone (PEEK) fiber that safely cleans implant abutment surfaces and restorations
- Has a stainless steel core to protect the instrument from breakage
- Is fully autoclavable

## Instrument PI

For the effective and gentle cleaning of implants and corresponding restorations

### Starter Kit | FS-295#HF/A/001

4 PI instruments, 1 file holder (120°) and 1 flat wrench

### Refill | DT-065HF

4 PI instruments



# ENDODONTIC TIPS

During **ENDO TREATMENT**, the instrument finish facilitates smooth clean-outs of even the smallest root canals.

## Instrument RT1

| DS-066HF/HF

Diamond-tipped instrument for locating canals and removing calcifications in the coronal third of the root canal system



## Instrument RT2

| DS-067HF/HF

Diamond-tipped instrument for removing ledges. Creates straight canal for easy viewing of broken instruments



## Instrument D

| DS-005HF/HF

For loosening crowns, bridges and pins placed previously with phosphate cement



## Instrument H

| DS-004HF/HF

For the lateral thermal condensation of gutta-percha



### Flat Wrench

| DT-018HF

To change instruments for  
all three file holders



### 180° File Holder

| DS-069HF/HF ●

For use with RT3, Berutti  
and RE2 instruments



### Instrument RT3

| DT-062HF ●

Very long and fine instrument  
for the removal of broken  
instrument tips.

Use with 180° file holder  
(5 pack)



### 120° File Holder

| DS-010HF/HF ●

For the flexibility to use different  
endo files, specially suited for  
anterior and premolar areas.  
Also suitable for RE2 and Berutti  
instruments



### Instrument ESI

Non-cutting NiTi instrument  
for the effective cleaning  
and irrigation of the root  
canal system

(6 files)

**Starter Kit | FS-279#HF/A/001**

**Refill | DT-069HF**



### 90° File Holder

| DS-012HF/HF ●

For the flexibility to use  
different endo files,  
specially suited for the  
molar area





## Endo K-Type Files

### | DT-011

The root canal system  
(Use files in 90° or 120°  
file holders)

K-Files for cleaning  
and disinfecting

*Endo File Set:*  
ISO 15/20/25/30/35 mm  
6 pieces each

6 endo files	ISO 15	white	DT-006
6 endo files	ISO 20	yellow	DT-007
6 endo files	ISO 25	red	DT-008
6 endo files	ISO 30	blue	DT-009
6 endo files	ISO 35	green	DT-010



15

20

25

30

35

# TIP ACCESSORIES

## COMBITORQUE® WRENCH

### UNIQUE DESIGN

- Unique combination of torque wrench and instrument holder
- Safe and clear storage of instruments
- Significantly reduced risk of loss of fine instruments

### EACH INSTRUMENT COMES WITH ITS OWN COMBITORQUE® WRENCH

- Tip and CombiTorque® wrench are sterilized together
- Clinician does not need to touch the instrument
- Decreased risk of injury or contamination

Extra CombiTorque® wrench | **FV-060HF**



## PIEZON® LED HANDPIECE

All Hu-Friedy Piezon® units come with one LED handpiece.

- Fiber-optic illumination reduces eye strain and enhances visibility.
- The large diameter ergonomic handpiece relaxes hand grasp for accuracy and control, eliminates pressure points and improves tactile sensitivity.
- The lightweight handle reduces muscle strain and hand fatigue, enhancing clinician comfort.

Extra handpiece | **EN-060#HF/A**



# CHECK YOUR HU-FRIEDY EMS TIPS

## EVEN THE BEST ULTRASONIC INSTRUMENTS ARE SUBJECT TO NORMAL WEAR

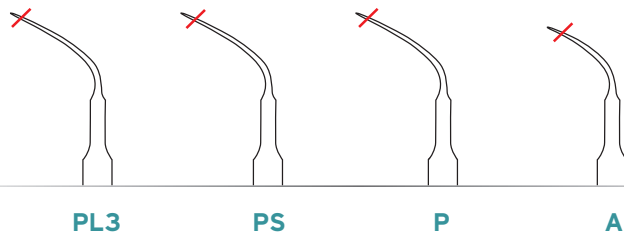
- 2 mm shorter = 50% performance loss

## REGULAR REPLACEMENT DELIVERS MEASURABLE TREATMENT EFFICACY

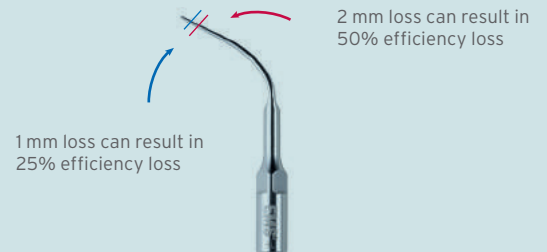
- Easy removal of calculus = saves time
- Effortless treatment = practitioner comfort
- Gentle on the tissue = patient comfort

## CHECK IT! TIP WEAR GUIDE

Your Piezon® Tester Shows It



## REPLACEMENT OF WORN TIPS (ACTUAL SIZE GUIDE)



# PIEZON® POWER SCALING UNITS

## Piezon® 250

| FT-224#HF/A/001

A Self-contained unit with an attached irrigant bottle, LED handpiece and 35 power increments



## Piezon® Master 700

| FT-194#HF/A/001

The most sophisticated Piezon® technology available with optimized communication between handpiece, tip and module (unit comes with one handpiece)



## Piezon® 150

| FT-223#HF/A/001

Same features as the Piezon® 250, but for clinicians who prefer to connect to their dental unit's water system



## Air-Flow Master Piezon®

| FT-200#HF/A/001

A Piezon and AIR-FLOW combination unit that can deliver the highest level of treatment to your patients



For more information about  
Hu-Friedy's Total Solutions visit  
**HU-FRIEDY.COM**

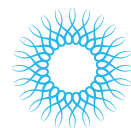
PERIODONTAL



RESTORATIVE



ORTHODONTIC



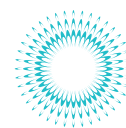
INSTRUMENT  
MANAGEMENT



ENDODONTIC



SURGICAL



ULTRASONIC  
SCALING



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