POWER SCALING

HU-FRIEDY EMS PIEZO TIPS

FOR A COMPLETE RANGE OF TREATMENTS
ABSOLUTELY LINEAR OSCILLATIONS

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

• 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)
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
**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 PL2**

| DS-031HF/HF |

Same as PL1 instrument with a right curve

**Instrument PL3**

| DS-0032HF/HF |

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

**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 PL5**

| DS-034HF/HF |

Same as PL4 instrument with right curve

**Diamond Tipped Instruments**

**HPL3** | DS-075HF/HF 70µm grain

Diamond-tipped instruments for smoothing restoration overhangs
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
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

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**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**

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**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**
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

2 mm loss can result in 50% efficiency loss

1 mm loss can result in 25% efficiency loss
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® 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

**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)

**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