

POWER
SCALING



PIEZON® SOLUTIONS

ADVANCED POWER SCALING

THE PIEZON® DIFFERENCE

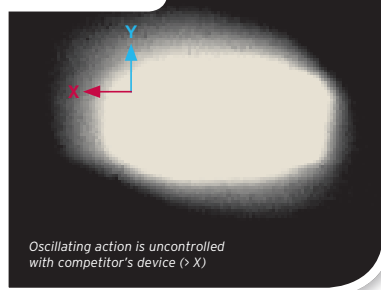
QUIETER TREATMENT | GENTLE TIP MOVEMENT | MORE POWER SETTINGS | TREATMENT VERSATILITY | FEEDBACK CONTROL

Ultrasonic scaling is an integral component of most hygienists' clinical protocols. But while clinicians rely on it for the efficient and effective treatment it provides, patients may be uncomfortable or nervous with noisy power equipment.

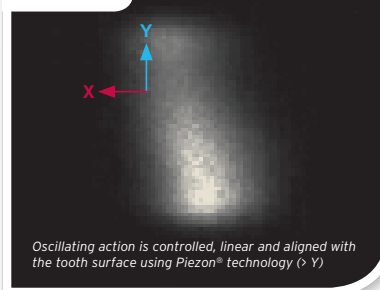
ENTER PIEZON. A technology designed with patient comfort in mind.

- **GENTLE:** Less painful treatment due to optimized linear instrument movement
- **INTUITIVE:** Easy to use and adjust due to intelligent feedback control
- **EFFICIENT:** Delivers 32,000 movements per second as well as cavitation and acoustic streaming
- **SAFE:** Minimizes abrasion of the tooth surface and maximizes retention of the oral gingival epithelium

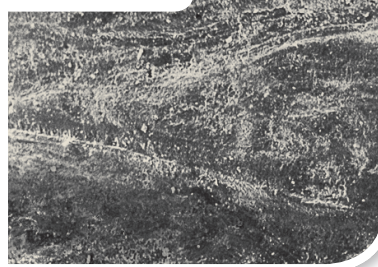
DISCOMFORT



COMFORT



INSTRUMENT X



Tooth surface treated with instrument X looks rough after use.

HU-FRIEDY EMS TIP



Tooth surface treated with a Piezon® scaler and Hu-Friedy EMS piezo tip is smooth after use.

Remember, the likelihood of patient retention grows when you can offer a more comfortable experience to patients.

Janner A., Oscillating action of different sonic and ultrasonic tips and recommendations for the clinical application on patients – Dissertation, Ludwig-Maximilians-Universität, Munich, Germany, 2003

Photos (above top): Dr. A. Janner; Photos (above bottom): Schmage P., Schultz Y., Platzer U., Maisch S., Nergiz I., University of Hamburg, Germany

SEE BETTER, SCALE BETTER

HU-FRIEDY PIEZON units come with one lighted handpiece. The LED light surrounds the tip and, in turn, the treatment area for better vision during the procedure.

ORIGINAL PIEZON LED HANDPIECE

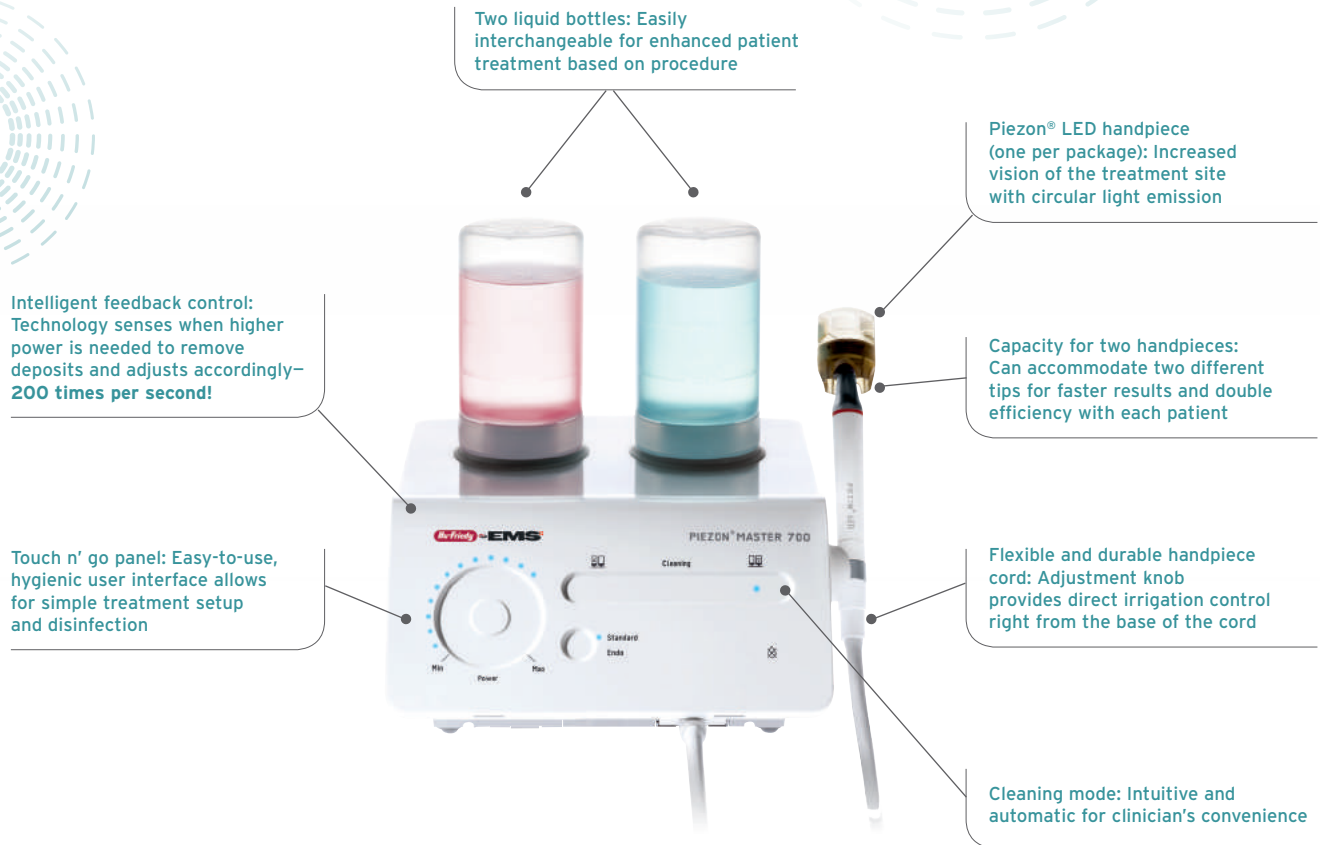
- Fiber-optic illumination reduces eye strain and enhances visibility of the treatment area
- Large diameter, ergonomic design for relaxed hand grasp, more accuracy and control, fewer pressure points and improved tactile sense
- Lightweight for reduced muscle strain and hand fatigue, enhancing clinician comfort



PIEZON® MASTER 700

WHAT MAKES THE PIEZON MASTER 700 THE MOST ADVANCED PIEZON DEVICE?

- More power settings
- Superior feedback control
- Features to customize treatments and increase efficiency



INCLUDES: 3 tips (A, P, PS), 2 water bottles, 1 handpiece, maintenance accessories

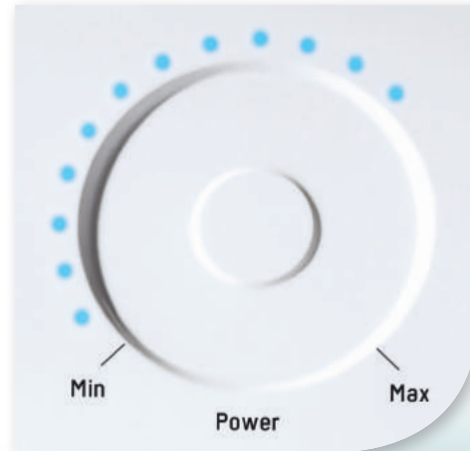
FEATURES OF PIEZON MASTER 700 POWER

CUSTOMIZED POWER LEVELS

The clinician has the ability to choose from 35 power settings on the Piezon Master 700—more than triple the market standard, allowing for a completely personalized treatment for each patient. Plus, the intelligent feedback control supports automatic power adjustment throughout the procedure so the clinician doesn't need to manually change the settings.

WHAT IS "INTELLIGENT FEEDBACK CONTROL"?

A *dynamic response technology* that senses changes in the tooth surface **200x per second**, and adjusts itself accordingly. As a result, when adapting the instrument tip along areas where there are no hard deposits, vibrations remain low. When the instrument tip detects hard deposits, ultrasonic power increases instantly to the maximum power set by the clinician.



PIEZON® TECHNOLOGY FEATURES 17-35 POWER SETTINGS WHILE THE MARKET STANDARD IS 5-10 POWER SETTINGS

THE SMOOTH SIGNAL MAKES THE DIFFERENCE:

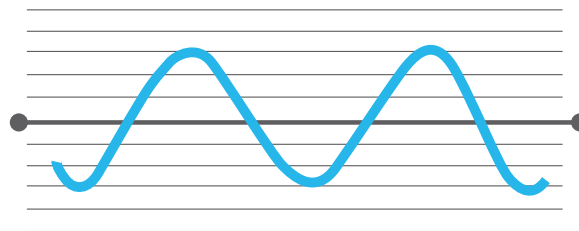
- No irritation due to aggressive power output because feedback control keeps power as low as possible
- Less noise when tip is properly aligned with the tooth surface
- Less pain sensation due to gentle signal

MARKET STANDARD



AGGRESSIVE ANGULATED SIGNAL

PIEZON® TECHNOLOGY



GENTLE SMOOTH SIGNAL

Uniform power output also applies to AIR-FLOW Master Piezon®

ADVANCED PIEZON SOLUTIONS

AIR-FLOW Master Piezon®

For complete calculus and biofilm removal

The AIR-FLOW Master Piezon combines the great features of the Piezon® Master 700 with AIR-FLOW Therapy for advanced supra and subgingival biofilm management in just 5 seconds per tooth! (Learn more at www.hu-friedy.com/biofilm)

INCLUDES: 3 tips (A, P, PS), 1 water bottle, 1 Piezon handpiece, 1 AIR-FLOW handpiece, 1 PERIO-FLOW handpiece, 2 powder chambers, maintenance accessories



Piezon® 707 Built-In Kit

The smart technology of the Piezon® Master 700 tabletop unit can now be integrated into A-dec 300 and 500 delivery systems.

INCLUDES: 3 tips (A, P, PS), 1 Piezon handpiece, wiring harness)



PIEZON® 250

A best-selling Piezon device due to its convenient, easy-to-use features, small footprint, and low noise level, the Piezon 250 will quickly become a clinician and patient favorite in your office. Requires only an electrical source to operate for quick set-up anywhere!

INCLUDES: 3 tips (A, P, PS), 1 water bottle, 1 handpiece, maintenance accessories

Liquid Bottle: Keeps unit "self-contained" for easy transport to different operatories or even traveling clinics

Large, ergonomic interface with fingertip control: Allows the clinician to easily select or change the desired power setting during use

Instantaneous tip amplitude adjustment: Provides smooth treatment and ultimate patient comfort

LED handpiece: Increases vision of the treatment site and remains lit for 20 seconds after the foot control is released for continued visibility and easier diagnosis

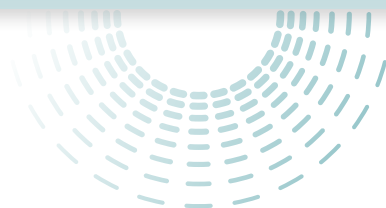


PIEZON 150

With the same great features as the Piezon 250, the Piezon 150 is available for offices that prefer to connect to the office's water system.



PIEZON TIPS



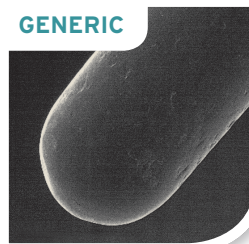
FEATURES

- Premium-quality biocompatible surgical steel
- Reproducible oscillating action due to highly precise manufacturing
- Ultra-fine instrument surface from special polishing process that increases the life span of the instrument

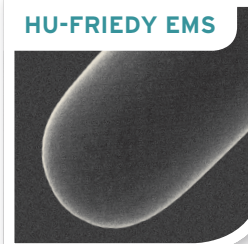
Up close,
you can see
the quality
difference!



GENERIC



HU-FRIEDY EMS



SCALING AND PERIO TIPS

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



TOP
SELLER

Instrument PS

| DS-016HF/HF

For removing calculus in deep periodontal pockets in all quadrants



TOP
SELLER

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

- CRA

(Clinical Research Associates)
Newsletter, USA, June 1998

SCALING AND PERIO TIPS

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



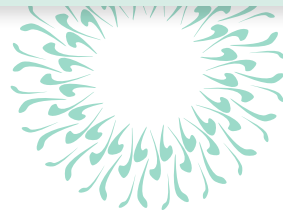
Instrument PL3

| DS-0032HF/HF

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



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



90° File Holder | DS-012HF/HF

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



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 RT3 | DT-062HF

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



Use with 180° file holder (5 pack)

Instrument ESI

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



(6 pack)

Starter Kit | FS-279#HF/A/001
Refill | DT-069HF



IMPLANT MAINTENANCE

SAFELY DEBRIDE IMPLANT AND RESTORATION SURFACES WITH INSTRUMENT PI.

- Instrument coating made of a high-tech Polyether Ether Ketone (PEEK) fiber
- Comfortable for the patient due to smooth surface coating and gentle tip motion
- Stainless steel core to protect the instrument from breakage
- Fully autoclavable
- Compatible in any Piezon device with the Piezon file holder of our choice

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

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

Refill | **DT-065HF**

4 PI instruments



COMBITORQUE® WRENCH

Each Hu-Friedy EMS piezo tip comes in a Combitorque® wrench for easy sterilization and storage. Combitorque® wrenches aid in connecting the tip to handpiece, and reduce the risk of instrument loss and injury.



| **FV-060HF**

PIEZON® PART CODES

PRODUCT	PART CODES
Piezon® Master 700	FT-194#HF/A/001
Piezon® 250	FT-224#HF/A/001
Piezon® 150	FT-223#HF/A/001
AIR-FLOW Master Piezon®	FT-200#HF/A/001
Piezon 707 Built-in Kit	FS-435HF
Piezon 707 Built-in Kit for A-dec 541 ONLY	FS-466HF
Potentiometer Set for Piezon 707	EK-412
Bottle 350 ml	EG-064/HF
Bottle 500 ml	EG-082/HF
Piezon LED Handpiece	EN-060#HF/A
Piezon Handpiece	EN-046#HF/A
Piezon Built-in Kit (non-LED)	FS-321#A/001

For more information about
Hu-Friedy's Total Solutions visit

HU-FRIEDY.COM

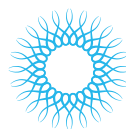
PERIODONTAL



RESTORATIVE



ORTHODONTIC



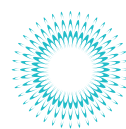
INSTRUMENT MANAGEMENT



ENDODONTIC



SURGICAL



ULTRASONIC SCALING



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