MICROPIEZO
compact efficiency

THE MECTRON PIEZO ULTRASOUND TECHNOLOGY
Thanks to the mectron piezo technology, micropiezo and compact piezo stand for high precision ultrasound devices. The built-in Feedback-System monitors performance and adjusts it when needed within only a few hundredths of a second. This means that, whatever the field of use – whether it’s scaling or perio, micropiezo and compact piezo offer always the optimum performance for the current indication. A definite advantage in terms of efficiency and comfort of treatment.

ORIGINAL PACKAGING
→ one handpiece
→ four inserts (S1, S2, S3 and S6)*
→ supplied with K6 dynamometric wrench
→ footswitch
→ waterline
Scaling, perio, endo and restorative dentistry – mectron ultrasound can be used for an extraordinary variety of applications. A total of more than 50 different inserts are available for the various different fields of use.

The nitro-titanium coating on the surfaces of the inserts makes them tougher than traditional ultrasound inserts.

- **Inserts for a wide range of applications**

- **Handpiece**
  - Made of titanium and radel
  - Fully sterilisable
  - Universal use with all mectron ultrasound instruments

- **Electronics**
  - Far more power than with traditional ultrasound systems
  - Automatic Protection Control interrupts power in case of wear or incorrect fitting of an instrument to the handpiece or any handpiece or handpiece cord defects. Delivery of the liquid is stopped automatically within less than 0.1 seconds. With the micropiezo, the flashing LED signals „check“.

- **Liquid**
  - Continuously adjustable
  - By pressing the button it may be interrupted
  - With the compact piezo adjustable through the dental unit
  - Water filter (micropiezo) prevents the passage of suspended particles and is easy to clean

*Equipment may vary according to the version chosen*
COMPACT PIEZOO | COMPACT PIEZOO LED
the systems built into the dental unit

**TECHNICAL SPECIFICATIONS**

**MICROPIEZOO**
- **Size**: 120 x 170 x 90 mm
- **Weight**: 0.7 kg
- **Supply tension of the external power supply**: 230 Vac ± 10%, 50/60 Hz
- **Maximum input**: 20 W
- **Working frequency**: 24,000–36,000 Hz
- **Average water delivery**: 34 g/min.
- **Water input**: 1-6 bars
- **Connections**: power, water
- **Warranty**: 2 years

**COMPACT PIEZOO/ COMPACT PIEZOO LED**
- **Size**: 71 x 46 x 34 mm
- **Supply tension**: 24 Vac ± 10%, 50/60 Hz
- **Minimum input**: 40 W
- **Solenoid valve output**: 32 Vdc ± 10%, 50/60 Hz
- **Working frequency**: 24,000–36,000 Hz
- **Ultrasound output/ adjustable according to the applications**: power, water
- **Water supply**: 1-6 bars
- **Warranty**: 2 years

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