

mectron

→ MECTRON
MICROPIEZO | COMPACT PIEZO





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



→ INSERTS FOR A WIDE RANGE OF APPLICATIONS

→ scaling, perio, endo and restorative dentistry – mectron ultrasound can be used for an extraordinary variety of applications. A total of 41 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.



→ HANDPIECE

- made of titanium and radel
- fully sterilizable
- universal use with all mectron ultrasound instruments
- LED-curing lamp – the extra function with optional the starlight p^m



→ 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

TECHNICAL SPECIFICATIONS



→ MICROPIEZO

→ 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
→ Ultrasound output	continuous adjustment
→ Average water delivery	34 g/min.
→ Water input	1- 6 bars
→ Connections	power, water
→ Warranty	unit 2 years, handpiece 1 year



→ COMPACT PIEZO – THE SYSTEM BUILT INTO THE DENTAL UNIT

→ Size	71 x 46 x 34 mm
→ Supply tension	24 Vac ± 10%, 50/60 hz 32 Vdc ± 10%, 50/60 hz
→ Minimum input	40 W
→ Solenoid valve output	32 Vdc, 3 W
→ Working frequency	24.000 - 36.000 Hz
→ Ultrasound output	adjustable according to the applications adjustable according to the unit
→ Water supply	manufacturer's instructions
→ Warranty	working pressure 1- 6 bars unit 2 years, handpiece 1 year

