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MECTRON

MICROPIEZO | COMPACT PIEZO | COMPACT PIEZO LED



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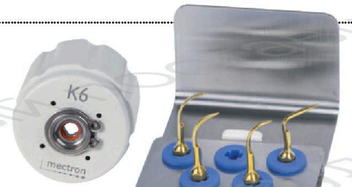
mectron
medical technology

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



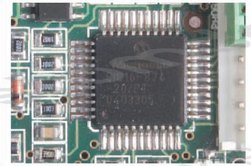
INSERTS FOR A WIDE RANGE OF APPLICATIONS

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



→ 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

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COMPACT PIEZO | COMPACT PIEZO LED

the systems built into the dental unit

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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	2 years

COMPACT PIEZO/ COMPACT PIEZO LED

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 adjustable according to the applications
Ultrasound output/ LED light (only compact piezo LED)	adjustable according to the unit manufacturer's instructions
Water supply	working pressure 1 - 6 bars
Warranty	2 years

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