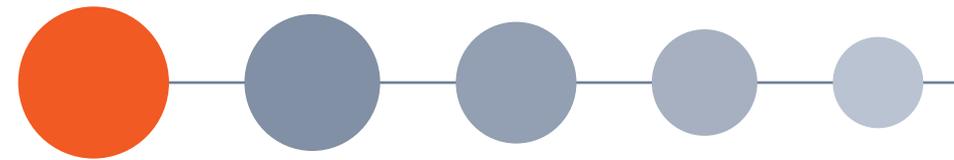




micropiezo
compact piezo
Scaling devices

micropiezo

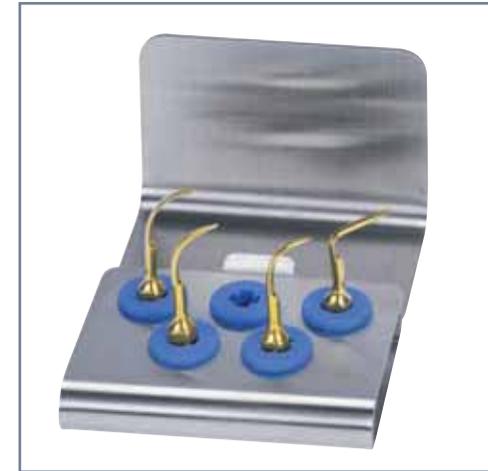


compact efficiency

Top ergonomics, high performance and precise adaptation to supragingival and subgingival scaling and removal of concretions characterise the **micropiezo** as an exceptional prophylaxis unit. Combined with the specific instrument set for conservative dentistry, it is a reliable and highly flexible ultrasound device.

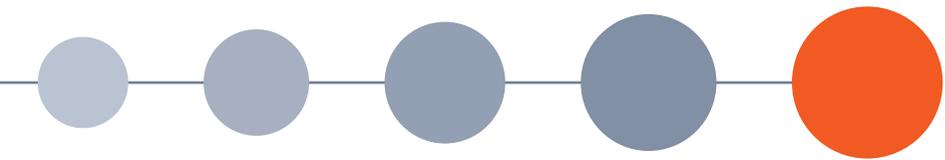


mectron



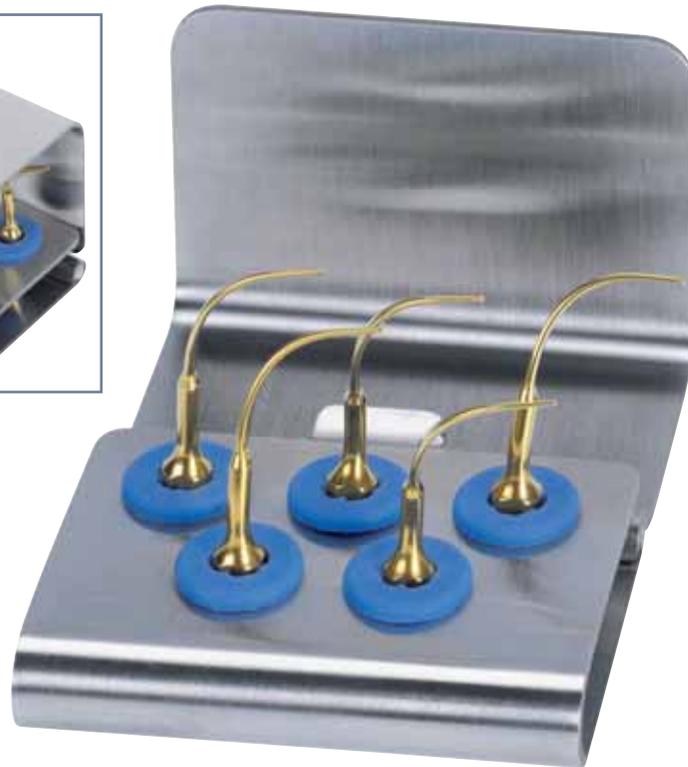
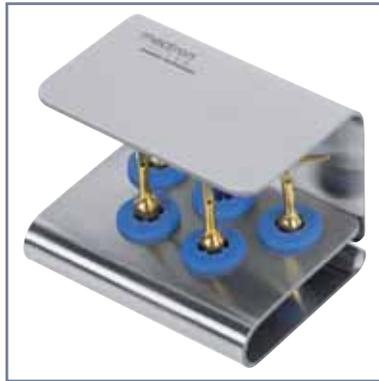
The **compact piezo** is the ideal variant for the dental unit in a surgery where there is little room to spare. The controls are built into the unit and the handpiece is housed in the holder – compact size plus excellent performance. The electronics is the same as those of the **micropiezo**.

compact piezo



the system built into the dental unit

mectron

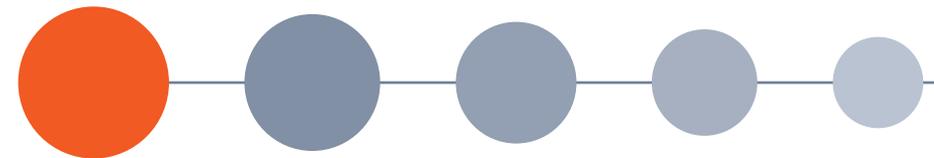


Scaling, perio, endo, restorative dentistry – mectron ultrasound can be used for an extraordinary variety of applications. A total of 37 different instruments are available for the various different fields of use.

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

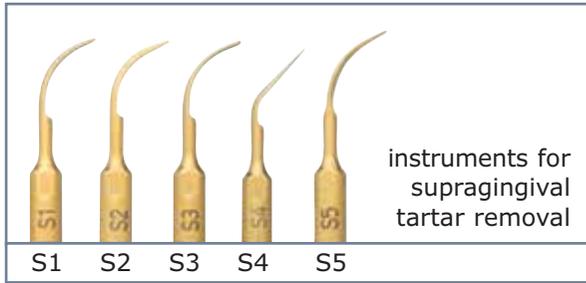
Sets of instruments are supplied in separate steritrays in which they can be both stored and sterilised.

the instruments

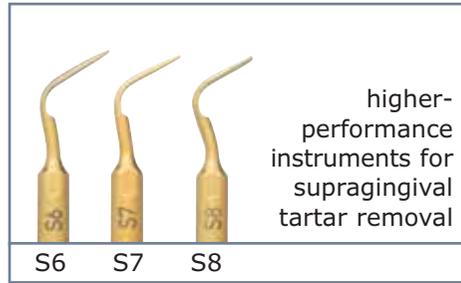


for a wide range of applications

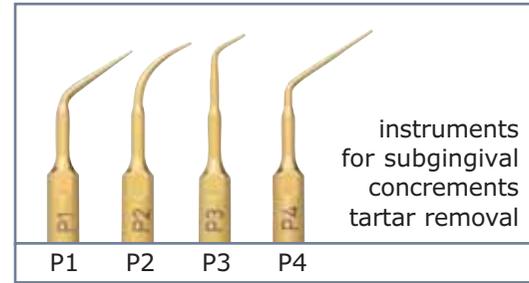
scaling



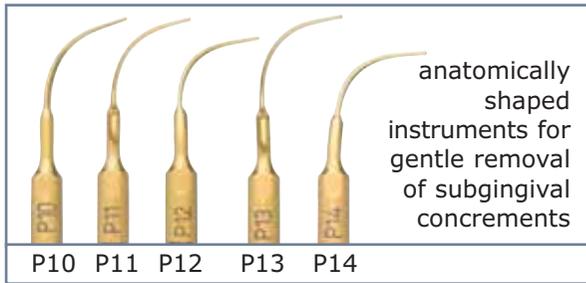
scaling high efficiency



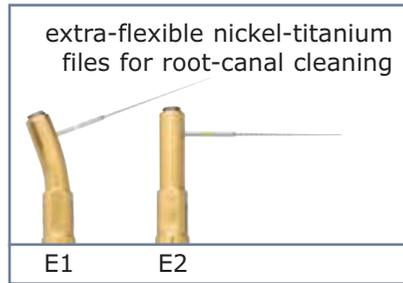
perio universal



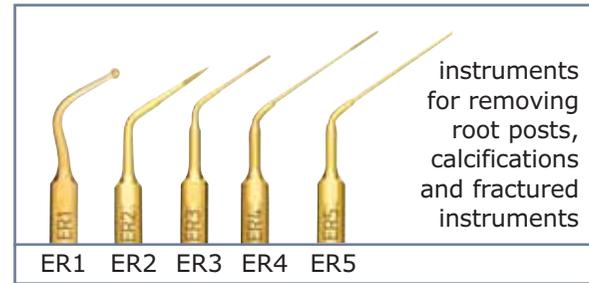
perio anatomic



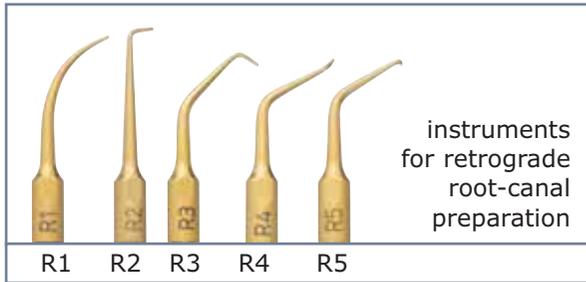
endo



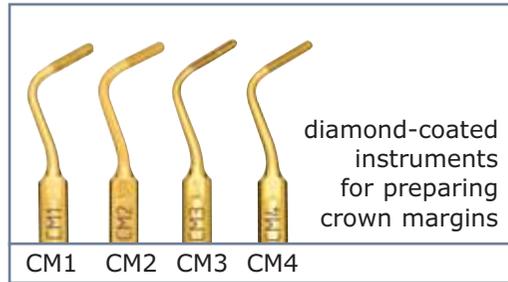
endo revision



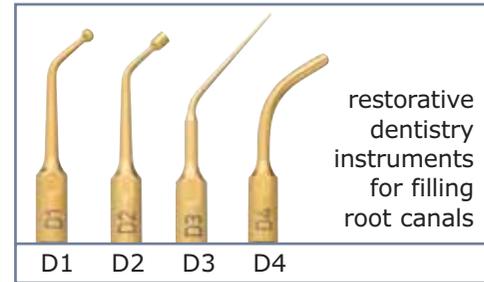
endo retro



cavity margin



restorative





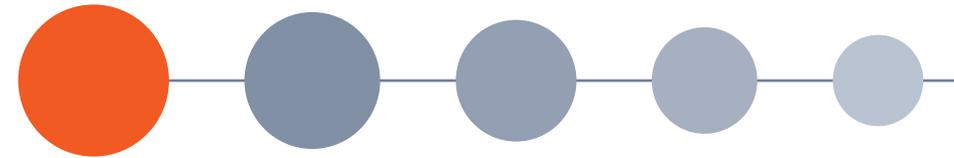
the technology



Thanks to the mectron piezo technology, **micropiezo** and **compact piezo** stand for high-precision ultrasound devices.

Their feedback system checks and adjusts power instantaneously and a best performance is available for each application.

A great advantage for treatment efficiency and comfort.



precise and well established performance

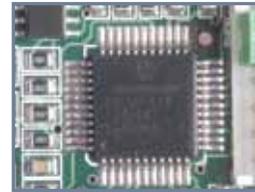
Attaching the handpiece

- optimum coupling
- top-quality connections
- protection device for preventing incorrect insertion



Handpiece

- made of titanium and radel
- fully sterilisable
- universal use with all mectron ultrasound instruments

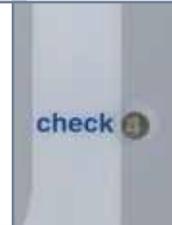


Electronics

- latest generation digital technology
- far more power than with traditional ultrasound systems

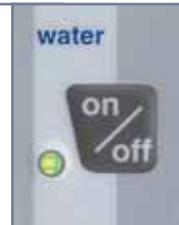
Automatic Protection Control

- 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 a button it may be interrupted
- with the **compact piezo** adjustable through the dental unit



Instruments

- the basic supply includes the instruments S1, S2, S3 and S6*
- supplied with K3 dynamometric wrench
- up to 29,500 oscillations per second
- more resistant thanks to enhancement with titanium nitride



Adjustment knob (**micropiezo**)

- for constant power and liquid adjustment

Water connection (**micropiezo**)

- the water circuit enables pressure values between 1 und 6 bars



Water filter (**micropiezo**)

- prevents the passage of suspended particles
- easy to clean without needing any tools

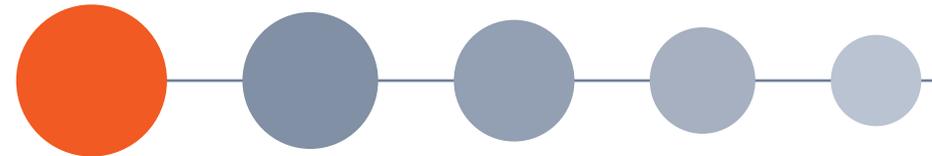
* equipment may vary according to the version chosen

LED-curing lamp



A simple movement and the **starlight p^m** transforms the scaling device into a LED curing lamp. Stop the water supply, fit the **starlight p^m** to the handpiece cord of the ultrasound handpiece and curing can be activated by means of the footswitch. The **starlight p^m** cures a 2 mm layer in 10 seconds and its weight of only 75 g makes it ultra-light.

starlight p^m, the extra function



technical specifications

micropiezo



CE
0476

compact piezo



CE
0476

Size	120 x 170 x 90 mm
Weight	0,7 kg
Supply tension of the external power supply	230 Vac \pm 10%, 50/60 hz
Maximum input	20 W
Working frequency	24.000 – 29.500 hz
Ultrasound output	continuous adjustment
Average water delivery	34 g/min.
Water input	1–6 bars
Connections	power, water
Warranty	2 years

Size	71 x 46 x 34 mm
Supply tension	24 Vac \pm 10%, 50/60 hz 32 Vdc \pm 10%
Minimum input	40 W
Solenoid valve output	32 Vdc, 3 W
Working frequency	24.000–29.500 hz, adjustable according to the applications
Ultrasound output	adjustable according to the unit manufacturer's instructions
Water supply	working pressure 1–6 bars
Warranty	2 years

micropiezo compact piezo

Scaling devices



mectron Suisse
Uniline Dental Service
Le Clos, 43
1346 Les Bloux
SUISE
tel +41 21 8454682
fax +41 21 8454714
mectron.suisse@mectron.com

mectron France
Surgytech Sarl
3706 rue de Franche Comté
39220 Bois d'Amont
FRANCE
tel +33 3 84609853
fax +33 3 84609637
mectron.france@mectron.com

mectron España
Incotrading S.A.
Cº Horniguera, 119
28031 Madrid
ESPAÑA
tel +34 91 3807490
fax +34 91 3036663
www.incotrading.net
incotrading@incotrading.net

mectron Deutschland
Vertriebs GmbH
Wetherstr. 80/2001
51069 Köln
DEUTSCHLAND
tel +49 221 492015 0
fax +49 221 492015 29
www.mectron.de
info@mectron.de

mectron s.p.a.
Via Loreto, 15/A
16042 Garasco (Ge)
ITALIA
tel +39 0185 35361
fax +39 0185 351374
www.mectron.com
mectron@mectron.com

mectron Dental (India)
PVT LTD
"Devi Plaza", #3, 9th 'D' Cross
HBR Layout, Ring Road
Bangalore - 560043
Karnataka, INDIA
tel +91 80 41608672
fax +91 80 41608671
info@mectronindia.com

mectron Poland
FM Produkty Dla Stomatologii
ul. Wyzickiego 1/49a
31-261 Kraków
POLAND
tel +48 12 632 19 27
fax +48 12 632 89 9
www.frdental.pl
biuro@frdental.pl

mectron Russia
ANAS LTD
Zemlianoi Val 2/50 kv. 31
105 064 Moscow
RUSSIA
tel +7 495 626 5455
fax +7 495 917 9931
www.anas.ru
info@anas.ru