

**PIEZOSURGERY INC.**  
a **mectron** company



 start your mectron





ultrasonic devices

WE ♥ PROPHYLAXIS



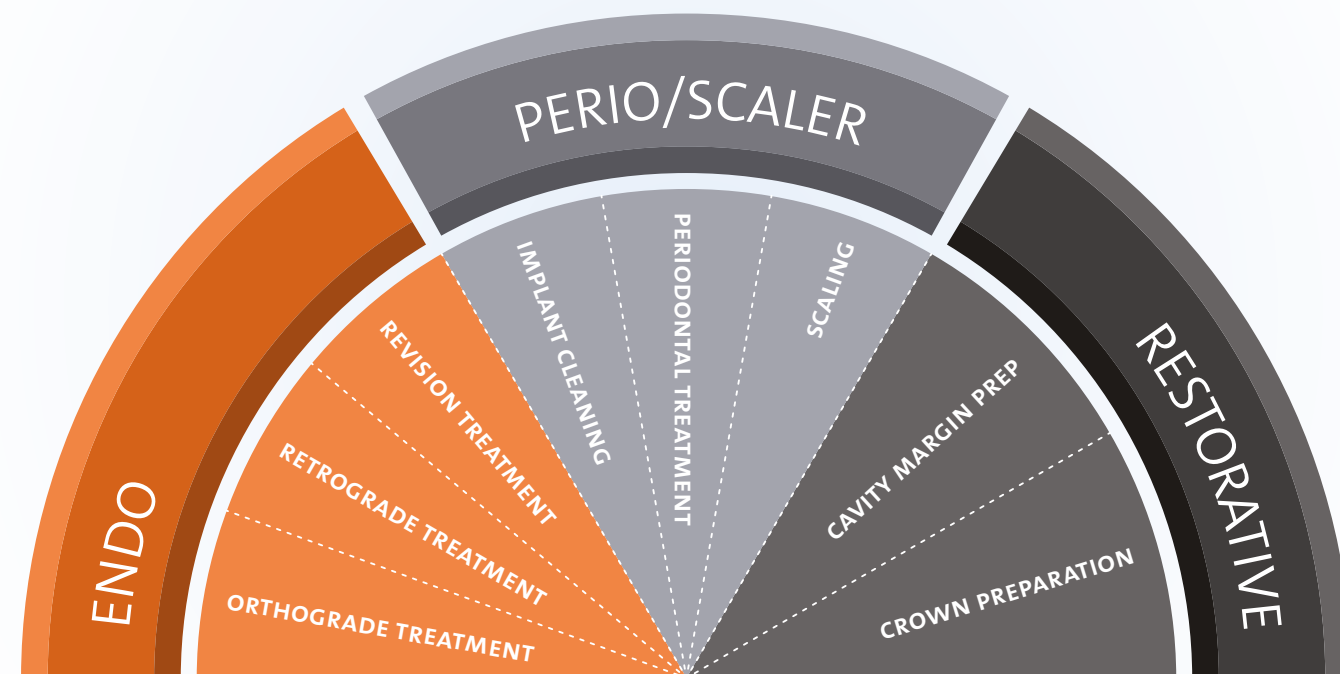
## MULTIPIEZO PRO *touch*

### ■ stop limited options

At some point, every ultrasonic unit reaches its limit – whether it is due to power, the equipment available, or the variety of treatments it has been built for.

### ► start endless possibilities

The multipiezo pro comes with the widest range of indications on the market – from calculus to caries, from endodontics to periodontics, from implant cleaning to restorations. It is perfectly suited for many types of oral treatment challenges that are seen in daily practice.



### ► two handpieces

The two LED handpieces guarantee full flexibility – e.g. you can use both the right and left curved perio anatomic inserts without changing the inserts by simply selecting the second handpiece.

### ► pulse mode

The PULSE MODE transforms the ultrasound oscillation to a new profile – which results in an optimized performance for prosthetics.

### ► two 500 ml bottles

The 2-bottle-system lets you use two different liquids (e.g. sodium hypochlorite in endo or chlorhexidine in perio) without having to change bottles.





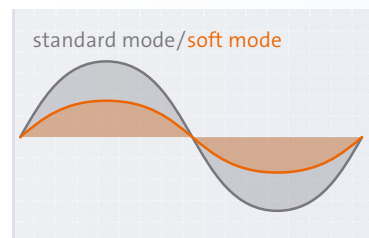
## ▶ MULTIPIEZO *touch*

### ■ stop pain

When it comes to sensitive patients and subgingival scaling, one thing is of maximum importance: minimize discomfort. At the same time, you need powerful treatment options for optimal results.

### ▶ start comfort

The solution: the innovative multipiezo SOFT MODE. It reduces the amplitude of ultrasound oscillations in order to produce a gentle and efficient insert movement and allows, for the first time, relatively painless but 100% effective treatments – for 100% comfortable results.



### ▶ ergonomic touch panel

Due to the ergonomic touch panel, you control every function as fast and intuitive as never before and at the same time clean and disinfect the device quickly and easily.

### ▶ irrigation system

The irrigation system with its illuminated 500 ml bottle prevents any dripping and leaking.

### ▶ pulse mode

The PULSE MODE transforms the ultrasound oscillation to a new profile – which results in an optimized performance for prosthetics.

mectron medical technology				multipiezo			
power	light	function	irrigation	power	light	function	irrigation
6	auto	endo	6	6	auto	endo	6
5	on	perio/scaler	5	5	on	perio/scaler	5
4	off	restorative	4	4	off	restorative	4
3			3	3			3
2	pump/flush	soft mode	2	2	pump/flush	soft mode	2
1			1	1			1
0			0	0			0

### ▶ led handpiece

The 360° rotatable LED cone of the handpiece lets you set the light focus on the insert tip in any direction – regardless of the insert shape.





## COMPACT PIEZO P2K + COMPACT PIEZO LED

### ■ stop no space left

There is simply no space left in your operatories – and your large scaling unit is one of the reasons for that.

### ▶ start no space needed

What if you needed no space at all for this unit? The compact piezo P2K and the compact piezo LED are powerful scaling units which can easily be integrated into nearly every dental chair.

### ▶ high precision

The ultrasound performance can be controlled perfectly due to its electronic feedback system.

### ▶ handpiece

The handpiece is made of titanium and Radel – which makes it 100 % sterilizable.

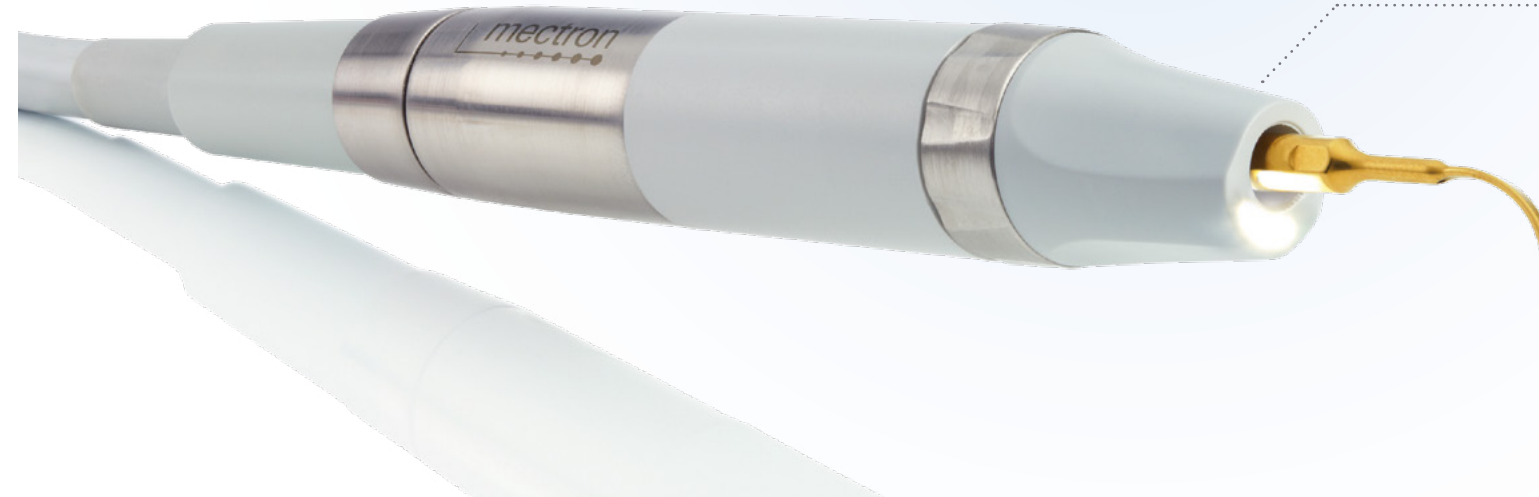


### ▶ soft mode

The SOFT MODE guarantees a perfectly gentle but still efficient insert movement.

### ▶ rotatable LED cone

The 360° rotatable LED cone lets you set the light focus on the insert tip in any direction – in order to avoid the “smog effect” which occurs when the light beam encounters the fog of a fluid.







# INSERTS

■ stop only for scaling






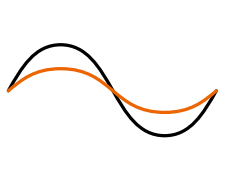


You deal with countless indications and treatments everyday –however the inserts offered by most dental brands are limited to scaling only.




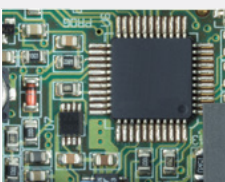




► start suitable for everything

Therefore, we offer you an unequaled variety of inserts – for every indication, every treatment, and most every situation you will face in your daily practice.



SCALING INSERTS	SCALING HIGH EFFICIENCY INSERTS	PERIO UNIVERSAL INSERTS	PERIO ANATOMIC INSERTS	IMPLANT CLEANING INSERTS	ENDO INSERTS	ENDO REVISION INSERTS	ENDO RETRO INSERTS	CROWN PREP TIPS	CAVITY MARGIN INSERTS	RESTORATIVE INSERTS

FEATURES		
	<b>TOUCH PANEL</b> <ul style="list-style-type: none"><li>• ergonomics of control</li><li>• easy cleaning</li></ul>	
	<b>LED HANDPIECE</b> <ul style="list-style-type: none"><li>• 360° rotatable light,</li><li>• focus at the insert edge regardless of the insert shape</li><li>• prevents the “fog” effect due to the cavitation of the irrigation, no dazzling</li></ul>	
	<b>SOFT MODE</b> <p>Mectron’s innovative SOFT MODE reduces the amplitude of the ultrasound oscillations to allow the insert to move gently and efficiently. The result: treatment efforts are met perfectly – sensitive patients are treated with maximum comfort.</p>	
	<b>PULSE MODE</b> <p>The PULSE MODE (multipiezo pro and multipiezo, level 6 of restorative function), transforms the traditional sine wave formed ultrasound oscillation (standard function) to a new profile, characterized by specific power peaks, which results in an optimized performance for prosthetics.</p>	

FEATURES		
	<b>APC (AUTOMATIC PROTECTION CONTROL)</b> <ul style="list-style-type: none"><li>• automatically recognizes deviations from standard functioning</li><li>• stops power and liquid in less than 0.1 seconds</li><li>• shows cause of the interruption on the display</li></ul>	
	<b>FEEDBACK SYSTEM</b> <ul style="list-style-type: none"><li>• constant and optimal tuning of insert movement</li><li>• automatically detects and adjusts the necessary power according to the clinical need</li><li>• user intervention simplified to the push of the foot pedal</li></ul>	
	<b>CLEAN/FLUSH FUNCTION</b> <ul style="list-style-type: none"><li>• cleans irrigation line automatically</li><li>• activated by pressing a dedicated button</li></ul>	
	<b>BOTTLE SYSTEM</b> <ul style="list-style-type: none"><li>• flexible use of medicinal solutions</li><li>• upright positioned (no leakages)</li><li>• easy connection</li></ul>	



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