



 start your mectron





WE ♥ PROPHYLAXIS





## COMBI *touch*

### ■ stop all that stuff

There are countless instruments you currently use during an ordinary prophylaxis treatment: cures, scalers, contra angles, polishers, pastes – wouldn't it be perfect if you could have them all in one?

### ▶ start all in one

Well, now you can: the combi *touch* combines ultrasound and air-polishing in one unit – it allows complete prophylaxis treatment from removal of supragingival and subgingival calculus to gentle removal of stain and biofilm and even implant cleaning.



### ► supra and subgingival

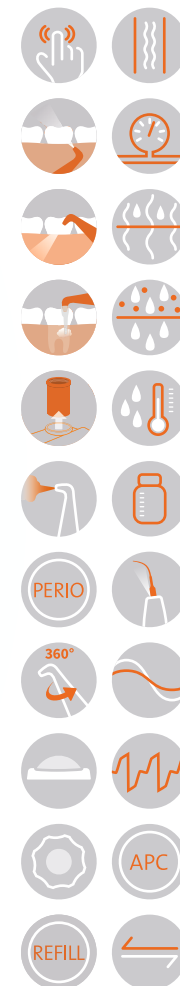
Easily switch during the treatment between supra and subgingival air-polishing by simply pressing prophy or perio button.

### ► clogging protection

Once the unit is switched on, the tubing remains clean by a consistent stream of light air.

### ► 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 in literally no time.



### ► LED handpiece

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

### ► refill function

Thanks to the exclusive „refill“ function, you can easily remove the powder chambers without switching the unit off, for fast and efficient maintenance.

### ► irrigation system

Two irrigation lines for the ultrasound system, tap water or 500 ml bottle for flexible use of water or medicinal solutions.

### ► SOFT MODE

mectron innovative SOFT MODE avoids excessive ultrasound oscillation, allowing a gentle and efficient insert movement. Results: nearly painless treatment for patients and maximum comfort for clinicians. All efforts are perfectly met.





### ► 3 different air-polishing spray heads

Always best access - 90° and 120° angled spray heads for supra- and subgingival use in periodontal pockets up to 5 mm depth.

The spray head PERIO equipped with the disposable sterile Subgingival Perio Tip provides optimal access in pockets deeper than 5 mm.

Each spray head is easily attached with just a click and is safely fixed, thanks to a dedicated security connection system.



### ► 500 ml bottle

The illuminated bottle-system lets you use different liquids (e.g. chlorhexidine in perio or sodium hypochlorite in endo).



### ► 2 removable powder chambers

Thanks to the refill function, powder chambers are easily removable for flexible use of supra-gingival powder (prophy) and subgingival powder (perio).



### ► Subgingival Perio Tip

Flexible and soft - the subgingival, disposable Perio Tip will come sterile and gets simply attached to the spray head PERIO by hand.



### ► wide range of treatments












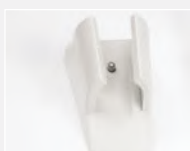
There are more than 30 ultrasound inserts available – for scaling, perio, endo and restorative treatments.


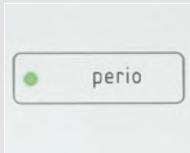







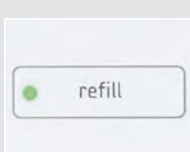


### ► PULSE MODE

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










## FEATURES

	<b>TOUCH PANEL</b> <ul style="list-style-type: none"> <li>• ergonomics of control</li> <li>• easy cleaning</li> </ul>	
	<b>SUPRAGINGIVAL USE</b> For comfortable cleaning of supragingival, enamel covered dental surfaces.	
	<b>SUBGINGIVAL USE</b> For gentle cleaning of subgingival dental surfaces up to 5 mm pocket depth, restorations and implant surfaces.	
	<b>SUBGINGIVAL PERIO TIP</b> For gentle cleaning of periodontal pockets greater than 5 mm depth. The disposable sterile Subgingival Perio Tip is flexible and is easily attached by hand.	
	<b>REMOVABLE POWDER CHAMBERS</b> Both powder chambers can easily be removed for cleaning.	
	<b>CLOGGING PROTECTION</b> Once the unit is switched on, the tubing remains clean by a consistent stream of light air.	

	<b>PERIO FUNCTION</b> Reduces the air pressure for a safe subgingival treatment.	
	<b>SPRAY HEADS</b> <ul style="list-style-type: none"> <li>• just a click to connect</li> <li>• fully sterilizable, 360° rotating head</li> <li>• powder and water travel separately</li> <li>• the water surrounds the jet of powder and air to prevent powder dust</li> </ul>	
	<b>TRANSPARENT POWDER CHAMBER CAP</b> Permanent control of the remaining powder.	
	<b>ERGONOMIC TWIST GRIP AT THE POWDER CHAMBER CAP</b> Easily opens and closes.	
	<b>REFILL FUNCTION</b> Releases the air pressure of the powder chambers, without switching the unit off. Allows to open or remove the powder chambers, for a fast and efficient refill and maintenance.	



	<b>CLEAN/FLUSH FUNCTION</b> The clean function is activated at the press of a button: the air and water tubes will be cleaned automatically.	
	<b>PRESSURE CONTROLLER</b> <ul style="list-style-type: none"> <li>• enables air input pressures between 4 and 8 bars</li> <li>• enables water input pressures between 1 and 6 bars</li> </ul>	
	<b>CONDENSATE SEPARATOR</b> Ensures dry air.	
	<b>WATER FILTER</b> <ul style="list-style-type: none"> <li>• prevents the passage of suspended particles</li> <li>• water filter is easy to clean without needing any tools</li> </ul>	
	<b>HEATED WATER</b> The water will be heated to a physiologically comfortable temperature.	
	<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>	

FEATURES		
	<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> Whenever needed 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 nearly painless and with maximum comfort.	
	<b>PULSE MODE</b> The PULSE MODE (combi touch, level 5 of restorative/prosthetics 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 extractions and prosthetics.	
	<b>APC (AUTOMATIC PROTECTION CONTROL)</b> <ul style="list-style-type: none"> <li>• recognizes deviations automatically</li> <li>• stops ultrasound and flow of 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>	