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air-polishing

COMBI *touch*

■ stop all that stuff

There are countless instruments you currently use during an ordinary prophylaxis treatment: curettes, 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 stains and biofilm and even implant cleaning.



Watch the video

▶ 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 free by a consistent stream of light air.

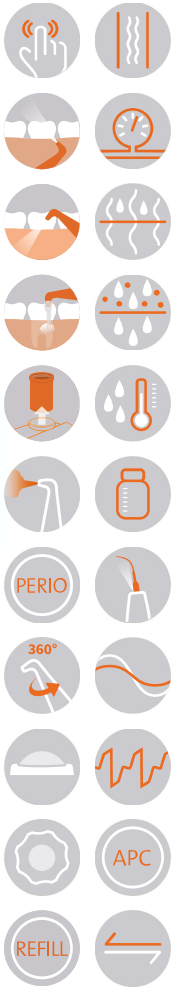


▶ ergonomic touch panel

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.

▶ slim air-polishing handpieces

3 different slim air-polishing handpieces: 120°, PERIO, 90° (optional)



▶ slim handpiece

Slim ultrasonic LED handpiece with circular light - lightweight only 55 g!

▶ 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.

▶ heated water

The water will be heated to a physiologically comfortable temperature.

▶ SOFT MODE

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

SOFT MODE®



▸ 3 different air-polishing handpieces

Always best access - 90° and 120° angled handpieces for supra- and subgingival use in periodontal pockets up to 5 mm depth. The PERIO handpiece equipped with the disposable sterile Subgingival Perio Tip provides optimal access in pockets deeper than 5 mm. Each handpiece 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).



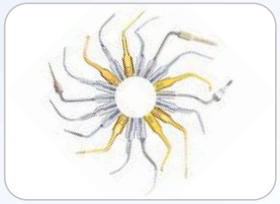
▸ 2 removable powder chambers

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



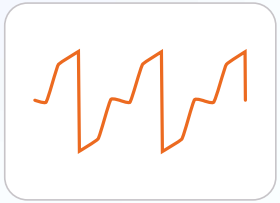
▸ Subgingival Perio Tip

Flexible and soft - the subgingival, disposable Perio Tip will come sterile and gets simply attached to the air-polishing handpiece 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.

AIR-POLISHING POWDERS

■ stop too much choice

The number of powders for dental use is countless - how on earth could you possibly find exactly the one you need to achieve the best results?

▶ start always the right choice

Here's a tip: just go for the well-known Mectron quality. Our specially developed air-polishing powders not only come with a hydrophobic effect, which prevents clogging perfectly – but, more importantly, they also guarantee perfect air-polishing results.

INDICATIONS	SOFT^{M} SOFT^{L}	SENSITIVE^{+}
SUPRAGINGIVAL BIOFILM REMOVAL	●	●
REMOVAL OF STAINS AND PIGMENTATIONS	●	
SUBGINGIVAL BIOFILM REMOVAL		●
PERIODONTAL POCKETS DETOXIFICATION		●
IMPLANT PATIENT MAINTENANCE		●
PERI-IMPLANTITIS TREATMENT		●
FIXED ORTHODONTIC APPLIANCES	●	●
CLEANING OF RESTORATION MATERIALS		●
RESTORATIONS MAINTENANCE	●	●



SOFT^{L}



▸ PROPHYLAXIS POWDER SOFT^{M}
▸ PROPHYLAXIS POWDER SOFT^{L}

gently and effectively remove supra-gingival biofilm and stains on the enamel surface (sodium bicarbonate-based - average particle size 55 µm)

Indications:
- Removal of stains and extrinsic discolorations due to smoke, wine, tea and coloring agents
- Cleaning of fissures and cavities
- Cleaning of orthodontic brackets

SENSITIVE^{+}



▸ PROPHYLAXIS POWDER SENSITIVE^{+} – GLYCINE POWDER

gently removes supra and subgingival biofilm (glycine-based - average particle size 25 µm)

Indications:
- Mild pigmentations and stains removal
- Periodontal pockets detoxification
- Periodontal maintenance
- Implant maintenance and treatment of peri-implantitis
- Orthodontic patient maintenance
- Gentle cleaning of restoration materials and minimally invasive on exposed root surfaces
- Reduction of bacteria colony-forming units (CFU)
- Can be successfully used for the treatment of each type of patient

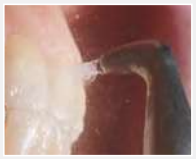
PROPHYLAXIS POWDER SOFT^{L} and SOFT^{M} are registered and manufactured by SPEIKO - Dr. Speier GmbH, Walther-Rathenau-Str. 59, 33602 Bielefeld, Germany
PROPHYLAXIS POWDER SENSITIVE^{+} is registered and manufactured by PRISMAN GmbH, Otto-Hahn-Ring 6-18, 64653 Lorsch, Germany

FEATURES

TOUCH PANEL
- ergonomics of control
- easy cleaning



SUPRAGINGIVAL USE
For comfortable cleaning of supragingival, enamel covered dental surfaces.



SUBGINGIVAL USE
For gentle cleaning of subgingival dental surfaces up to 5 mm pocket depth, restorations and implant surfaces.



SUBGINGIVAL PERIO TIP
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.



REMOVABLE POWDER CHAMBERS
Both powder chambers can easily be removed for cleaning.



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



PERIO

PERIO FUNCTION
Reduces the air pressure for a safe subgingival treatment.



360°

AIR-POLISHING HANDPIECES
- just a click to connect
- fully sterilizable, 360° rotating head
- powder and water travel separately
- the water surrounds the jet of powder and air to prevent powder dust



TRANSPARENT POWDER CHAMBER CAP
Permanent control of the remaining powder.



ERGONOMIC TWIST GRIP AT THE POWDER CHAMBER CAP
Easily opens and closes.



REFILL

REFILL FUNCTION
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.



FLUSH FUNCTION
The flush function is activated at the press of a button: the air and water tubes will be cleaned automatically.



PRESSURE CONTROLLER
- enables air input pressures between 4 and 8 bars
- enables water input pressures between 1 and 6 bars



CONDENSATE SEPARATOR
Ensures dry air.



WATER FILTER
- prevents the passage of suspended particles
- water filter is easy to clean without needing any tools



HEATED WATER
The water will be heated to a physiologically comfortable temperature.



BOTTLE SYSTEM
- flexible use of medicinal solutions
- upright positioned (no leakages)
- easy connection



FEATURES

LED HANDPIECE
- lightweighted - only 55 g
- LED focuses on the insert edge
- prevents the “fog” effect due to the cavitation of the irrigation, no dazzling



SOFT MODE
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.

PULSE MODE
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.



APC (AUTOMATIC PROTECTION CONTROL)
- recognizes deviations automatically
- stops ultrasound and flow of liquid in less than 0.1 seconds
- shows cause of the interruption on the display

FEEDBACK SYSTEM
- constant and optimal tuning of insert movement
- automatically detects and adjusts the necessary power according to the clinical need
- user intervention simplified to the push of the foot pedal

