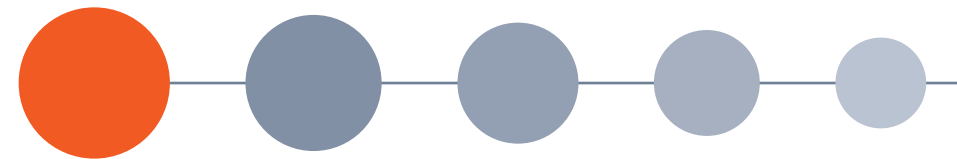




combi s
turbodent s
Bicarbonate jet polishers

combi s



jet polisher and ultrasound scaler in one appliance



combi s, the most compact complete prophylactic unit available, offers dentists surgeries the utmost comfort and the utmost flexibility:

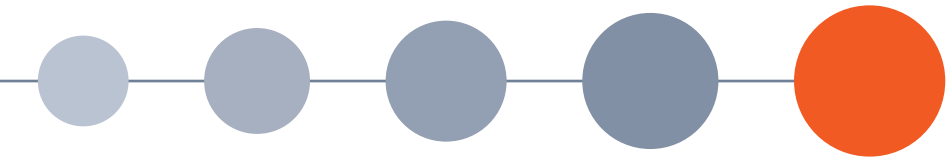
- a jet of fine powder for eliminating discolouration faster and more effectively
- ultrasounds for delicate scaling to remove supragingival and subgingival tartar

mectron



The **turbodent s** is the ideal solution for dentists surgeries that prefer to use jet polishers without the ultrasound option. The equipment and the technique underlying the jet polisher are identical in the **combi s** and the **turbodent s**.

turbodent s

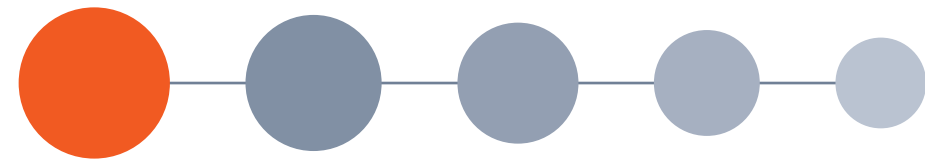


jet polisher

the fine powder jet



Particles of sodium bicarbonate at a high rate of acceleration combined with warm water enable an extremely fine, regular and precise jet to be obtained. The jet eliminates discolourations effectively and gently, faster and more effectively than when using rubber heads and polishing pasta, even in the interdental spaces.



precision, comfort, effect

Powder circuit

- continuous circuit from the powder tank right up to the point of insertion of the spray head
- no intermediate joints



Spray heads

- the powder and the water are sent separately as far as the nozzle
- the water surrounds the jet of dust and air and prevents the formation of a cloud of dust
- fully sterilisable
- separate sterilisable Alu box
- cleaned with extremely flexible needles made of wire



Powder tank

- compressed air only when the footswitch is pressed
- it can be filled without disconnecting the device
- the powder tank has a solid aluminium cap with an easily turned thread



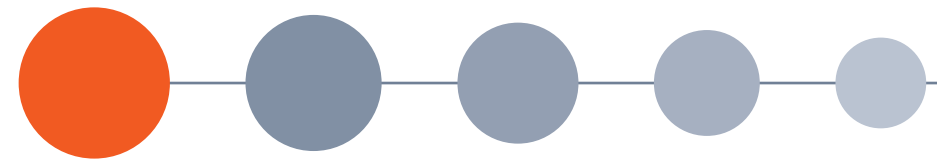
prophylaxis powder

- modified and treated sodium bicarbonate
- checked granulometry to endure gentle treatment
- water-repellent for maximum protection against clogging
- refreshing lemon flavour, with sweet saccharin
- delivery in practical 250 gr. plastic bottles (2 bottles per packaging)
- each bottle has got its dosage measure cap
- the markers indicate the proper quantity for each mectron airpolisher





the
technology



innovative, well established, complete

Handpiece holder

a safety switch prevents activation of the powder jet when the handpiece is housed in the holder



Water/air supply

the built-in pressure controller enables the input pressure to be adjusted between 1 and 6 bars



Water filter

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



Water temperature

heated up to a physiological temperature
permanent control thanks to the built-in thermostat

Working pressure

the built-in pressure control device ensures a constant and uniform flow of powder



Clean function

button for activating the automatic program for complete cleaning of the air/powder and water circuits



Continuous air flow

constant air jet emission in stand-by prevents the formation of deposits and clogging of the handpiece and cord



Quantity of water

the control knob can be used for continuous control
delivery of the water can be activated or stopped by pressing a button on the **combi s**

Condensate separator

this ensures the dryness of the compressed air delivered and prevents clogging in the air and powder circuits

Handpiece

- made of titanium and radel
- resistant to ph neutral medicinal solutions
- fully sterilisable
- separate sterilisable Alu boxes
- universal use with all mectron ultrasound instruments



Attaching the handpiece

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



Insert kits

- the basic supply includes the S1, S2, S3 and S6 scaling instruments
- supplied in sterilisable kits including K6 torque wrench
- up to 29.500 oscillations per second
- more resistant thanks to enhancement with titanium nitride
- it is possible to use instruments for further indications (Perio, Endo, Retro, Endo Revision, Cavity Prep)



Automatic Protection Control

- the control lamp flashes when the instrument is worn or incorrectly tightened. The supply of liquid is stopped automatically in less than 80 msecs
- the control lamp remains on if the handpiece or the handpiece cord are faulty. The supply of liquid is stopped automatically in less than 20 msecs



ultrasounds



The ultrasound unit of the **combi s** operates according to the piezoelectric principle. The instruments apply planar backwards and forwards vibrations, shifting the tartar gently to the side.

The patient does not feel any unpleasant hammering movements on the surface of the tooth, and the dentist can work more easily and in greater comfort.

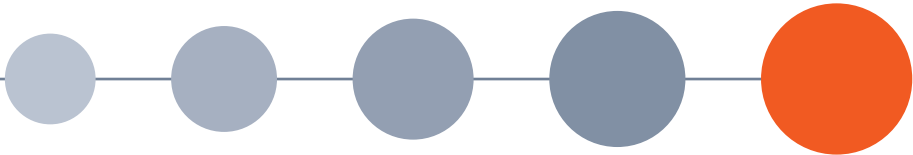


before ultrasound treatment

during ultrasound treatment

after ultrasound treatment

for smooth tooth and root surfaces



Feedback-System

the continuous micro-processor's check ensures constant scaling work

Power levels of the ultrasounds

push-button to select the chosen level
LED indicators showing the level selected

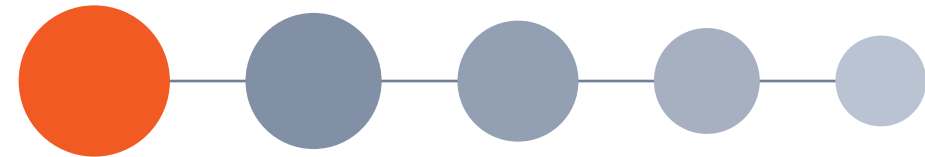


Electronics

latest generation, digital technology
far higher performance than with traditional ultrasound systems



adjustment



high performance and precision

optional

LED curing lamp



The LED curing lamp

A simple movement and the **starlight p^m** transforms the **combi s** into a LED curing light. It's enough to stop the water supply and fit the **starlight p^m** to the handpiece cord of the ultrasound handpiece and curing can be started 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.



optional



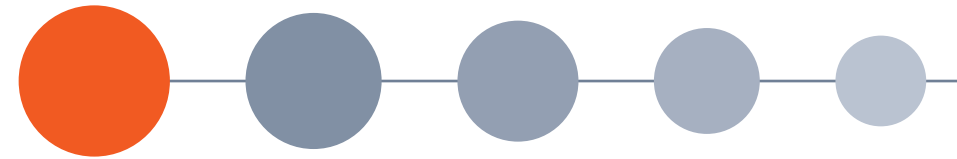
the universal cart

The maximum mobility for all your table-top devices. All supply lines are hidden in the easily accessible cable room. The power supply (and the water & air connection – where available) is brought at the tray's height, for an easy connection to your devices.

Dimensions

Size (WxLxH in mm) 420x390x861

Upper tray	420 x 310 (811 mm above the floor level)
Middle tray	420 x 310 (443 mm above the floor level)
Lower tray	420 x 310 (71 mm above the floor level)
Weight	23 kg



mobility for the dentists surgery

technical specifications



Size 280 x 185 x 100 mm
Weight 3,2 kg
Water input 1-6 bars
Compressed air input 4-8 bars
Operating pressure 3.5 bars
Ultrasound frequencies 24.000 - 29.500 hz
Connections Power, water, compressed air
Warranty 2 years

Size 280 x 185 x 100 mm
Weight 2,8 kg
Water input 1-6 bars
Compressed air input 4-8 bars
Operating pressure 3.5 bars
Connections Power, water, compressed air
Warranty 2 years

combi s

turbodent s

Bicarbonate
jet polishers



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