



The essentials

Innovative and practical design

- Smooth surfaces are easy to decontaminate (casing and touch-sensor control panel).
- Digital four color display (exclusive to Satelec®).
- All controls accessed via front panel.
- The main functions can be controlled by the footswitch.

Exceptional ergonomics

- Color coding system for best and safest choice of power setting.
- New sterilizable polisher (ProphyPen) and scaling (Suprasson) hand pieces.
- Powder drum located on side of unit for easy filling and visual control.
- Four ultrasonic programs: low, medium, high and very high power.
- Boost function in each power level.
- Programmable memory function.
- Built-in water heater.
- New quick-coupling system for connection to water and air.

Maximum efficiency

- New SP Newtron technology.
- Widest power range of piezo-electric ultrasonics on the market.
- Most complete choice of tips available.
- New Powder Max: better polishing while gentle to tissue.

Options

- External sterile dual irrigation line.
- Two independent sterilizable 400ml containers.
- New Suprasson Lux® II illuminated hand piece.

Technical features

Size: H = 4.3" x W = 10.6" x D = 11.8"
Weight: 6.6 lbs
Power supply: 100 to 240 V AC-
Power range: 0.1 to 10 W (power factor = 0.9)
Vibration amplitude: 4 to 200 µm
Frequency: 28 to 36 kHz
Water pressure: 15 to 70 psi
Air pressure: 65 to 87 psi

SP Newtron is manufactured in
compliance with future standard ISO/CD 22374 (article 4.3.2).

The New Generation



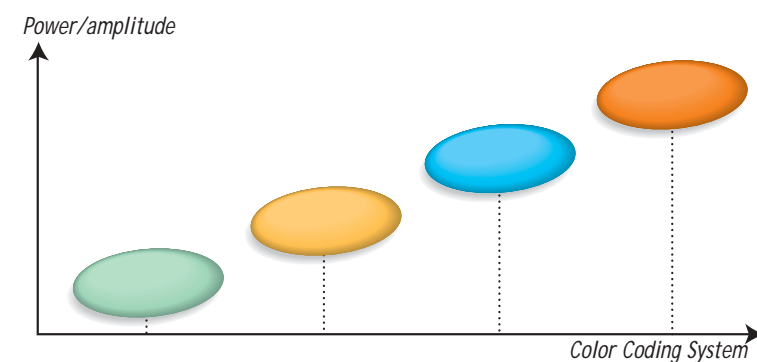
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SP Newtron™: the first ever “cruise control” in ultrasonics!

A core component of the new series of devices is the fully electronic SP Newtron control module. It works like a car's cruise control system. Once the generator is set to the required performance range, the rest is controlled automatically. An electronic feedback mechanism and ingenious frequency tuning maintain constant performance at the instrument tip. In other words, the electronics automatically adapt in real time to the resistance encountered to ensure consistent performance! With no power fluctuations, treatment will be faster and more efficient. If necessary at any time, you can shift to “boost” to increase power. Getting rid of even the most stubborn calculus is easy! Once a performance level has been set, all you have to do is screw on the instrument you want. The electronics recognize the tip and control the best performance program for its use.

Biofilm to calculus - an ideal power mode for every situation

For the first time, an ultrasonic device lets you choose the ideal performance configuration for different clinical applications. With a straightforward Color Coding System (CCS), the background-lit color display instantly and clearly shows you the power range in which you are working - there's no risk of confusion! Green - yellow - blue - orange: each color represents the ideal power configuration and performance level of the ultrasonic tip in a given clinical situation - from gentle biofilm removal to vigorous crown loosening.



Green - gentle biofilm removal.

The color green represents periodontal debridement. This setting guarantees effective destruction of the bacteria-infected biofilm matrix without damaging the natural cementum.

The low power mode is also suitable for the use of Periosoft™ carbon tips in peri-implant maintenance. This exclusive process enables safe polishing and decontamination of prosthetic abutments and titanium superstructures, even in the case of peri-implantitis.

Yellow - high-precision endodontics.

Blue - efficient scaling and initial therapy.

Numerous studies confirm that calculus can be removed 20-50% faster with ultrasonics than with manual instruments. In the blue range, you are working with high power and can remove calculus vigorously and efficiently. Furthermore, with the new SP Newtron control module, vibrations are not just more efficient but also more even, which is more comfortable for the patient.

New technology: thanks to the latest feedback mechanism, the electronics automatically adapt the power to the tip with which you are currently working.

Orange - maximum power for special applications.

The Winning Team



Perfect operating comfort



The footswitch that can do everything!

The main functions can be controlled with the new footswitch, including ultrasonic/polisher selection, pre-programmed power modes, multi-function pump* control and boost and dry modes. Your hands are free and you can concentrate fully on the treatment.

*Irrigation pump (optional).



“A la carte” irrigation solution!

Choose whichever irrigation solution you need. Take advantage of the opportunity to choose between disinfectants - chlorhexidine, sodium hypochloride - or sterile saline solution for surgery. You can fit the multi-pump system to two independent 400 ml containers.

Prophylaxis

The ProphyPen revolutionizes air polishing:

- **No more clogging!**

The new design of the ProphyPen polisher hand piece means that the water remains completely separate from the air-powder jet right up to the last second, thanks to the new titanium nozzle. Forget clogging: this frequently-met problem in everyday practice is now a thing of the past.

- **Easy to clean.**

At last, an air polisher that can be easily kept clean and hygienic. You can change the ProphyPen handpiece and tip in seconds, thus easily replacing contaminated parts after treating each patient.

- **Sterilization.**

The new ProphyPen hand piece is fully autoclavable and the interior tubing is arranged in such a way as to guarantee perfect flushing and sterilization.

- **Patient comfort comes first.**

A built-in heating system provides tempered water. Your patient is sure to appreciate this benefit and find treatment much more comfortable!



Plug and Play: versatility for different rooms

You wish to use Prophy Max as a mobile unit in different treatment rooms?

No problem! The easy quick-coupling system allows leak-free installation and disconnection of the Prophy Max when you want to change rooms.

Water flows as you want it!

The spray is easily adjusted (depending upon the clinical situation) with a ring situated on the new Suprasson® hand piece cord.

