

TECHNICAL SPECIFICATIONS

**NEWTRON
BOOSTER**

Handpiece: Not LED
SP NEWTRON® (F12281)

Irrigation: Connects to the water supply

**NEWTRON
P5** **B.LED**

Handpiece: LED
NEWTRON® SLIM B.LED
blue ring (F12900)
white ring (F12905)

Irrigation: Connects to the water supply

Dental plaque disclosing liquid
F.L.A.G.™ for B.LED

**NEWTRON
P5XS** **B.LED**

Handpiece: LED
NEWTRON® SLIM B.LED
blue ring (F12900)
white ring (F12905)

Irrigation: 300 ml tank
(500 ml tank in option: F62005)

Irrigation flow rate: 5 - 40 ml/min

Dental plaque disclosing liquid
F.L.A.G.™ for B.LED

**NEWTRON
P5XS** **B.LED**

Bluetooth

Handpiece: LED
NEWTRON® SLIM B.LED
blue ring (F12900)
white ring (F12905)

Irrigation: 300 ml tank
(500 ml tank in option: F62005)

Irrigation flow rate: 5 - 40 ml/min

Dental plaque disclosing liquid
F.L.A.G.™ for B.LED
Bluetooth: remotely sets power and
irrigation

Equipment classification: NEWTRON® Booster: Class II - BF type / Others devices: Class I - BF type
Supply voltage: NEWTRON® Booster: 100-240 VAC 47-63Hz / Others devices: 100-240 VAC 50/60Hz
Ultrasonic frequency: 28 kHz - 36 kHz
Class of medical device: II a
(according to 93/42/EEC directive)

See individual product instructions manuals for further informations on satelec.com/documents.

SATELEC® S.A.S | A Company of ACTEON® Group
17 av. Gustave Eiffel | BP 30216 | 33708 MERIGNAC cedex | FRANCE
Tel + 33 (0) 556 340 607 | Fax + 33 (0) 556 349 292
E-mail: info@acteongroup.com | www.acteongroup.com

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NEWTRON

**Preserve teeth
with perfect
ultrasonic vibrations
and steel tip quality**

I TREAT ACCURATELY WITH PEACE OF MIND

NEWTRON P5XS



NEWTRON® P5XS B.LED
Versatile and autonomous

NEWTRON® P5XS B.LED Bluetooth
Innovative and intuitive

Clean effectively while preserving teeth is a major concern for dentists and hygienists worldwide.

The patented technologies of our NEWTRON® ultrasonic generators, combined with our tips high quality, support you every day with **the promise of the best possible care** to patients: "I am caring".

NEWTRON P5



NEWTRON® P5 B.LED
Design and ergonomic

NEWTRON BOOSTER

NEWTRON® BOOSTER
Compact and efficient



STEEL TIP QUALITY: THE STANDARD

NEWTRON® tips hardness, designed with a specific steel, is the nearest to enamel.

With our tips, and their linear displacement, teeth are not only cared for but preserved.

I CARRY OUT GENTLE TREATMENTS

NEWTRON® Technology, a guarantee of efficacy and safety

The NEWTRON® range ultrasonic generators are equipped with the **exclusive and patented Newtron® technology**, which brings to treatments more preservation, efficacy and comfort.



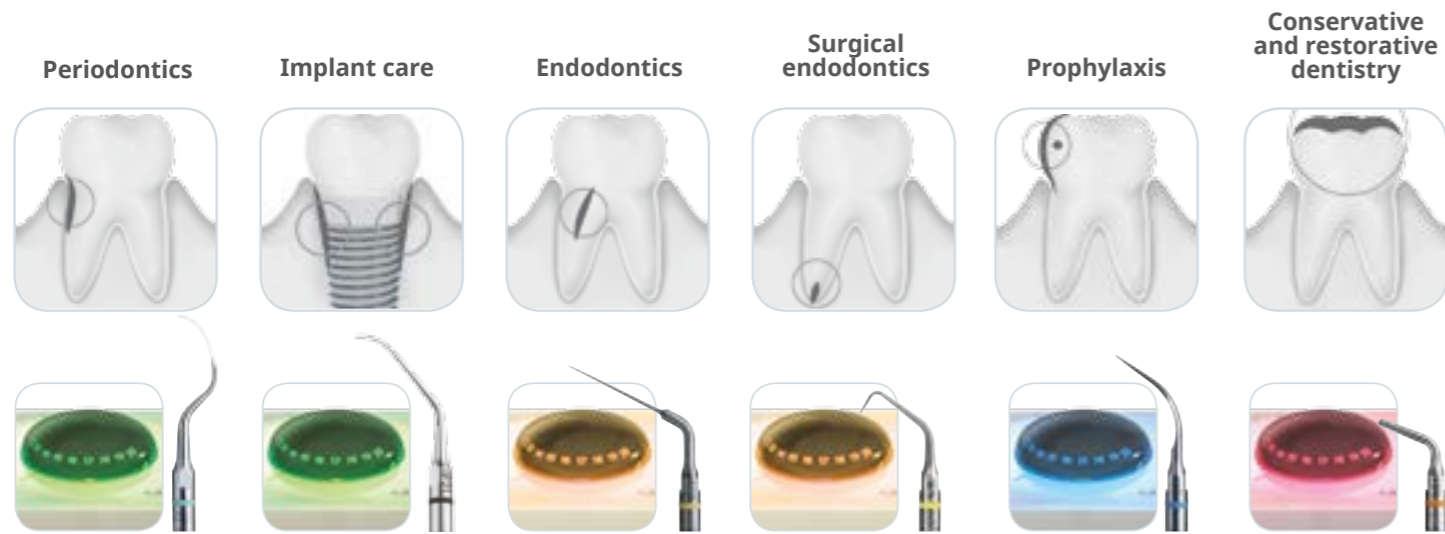
W PRESERVATION	
▶ Controlled vibrations	→ More precise treatment and gentle on teeth
▶ Steel tip quality	→ Anatomy and enamel preservation
▶ Total irrigation control	→ No heating = safer for tissues
W EFFICACY	
▶ Frequency adjustment	→ Maximal and continuous efficiency whatever the load applied
▶ Power regulation	→ Constant performances, no pressure needed
▶ Powerful cavitation	→ Fragmentation and elimination of deposits, cleaning and disinfecting effect
W COMFORT	
▶ Linear and regular vibrations	→ Tactile sense conserved
	→ Decreased fatigue for the clinician
	→ Painless treatment for the patient

NEWTRON TECHNOLOGY

I MEET ALL MY PATIENTS' CLINICAL NEEDS

Top of the range tips to provide first-class and caring treatments

- ▶ The **widest range** in the market, having nearly 80 different tips, with exclusive designs, alloys and coatings for clinical versatility.
- ▶ World premiere: tips in **Pure Titanium for implant cleaning**.



- ▶ Often copied, never equaled, our tips are conceived to vibrate with a single fundamental mode resonance, ensuring **maximum and continuous efficiency**.

Intuitive settings for secured clinical procedures

- ▶ Power use is accurately determined with the Color Coding System™, which intuitively associates each tip with one of the 4 power ranges, for safest interventions.
- ▶ The Bluetooth option on NEWTRON® P5XS **automatically configures power and irrigation** for a sustainable tip use, and maximum patient comfort. The **P5XS app** gives access to the tips range and proposes appropriate settings for each tip, as well as clinical videos and protocols.



Optimized external irrigation system

- ▶ The 300ml or 500ml graduated tanks allow to mix solutions directly, and to fill in during procedures.
- ▶ The easy and precise flow adjustment provides more powerful cavitation and **maximum tip efficiency** (deposits fragmentation, disinfecting effect).
- ▶ **Any type of irrigation** solution can be used including water, sodium hypochlorite or chlorhexidine.



I SEE BETTER

I TREAT BETTER

VISUAL COMFORT
QUALITATIVE TREATMENT
ORAL HYGIENE EDUCATION

A new and careful vision of scaling with B.LED technology



B.LED Technology guides practitioner in real time.

Applied on teeth, F.L.A.G.™ for B.LED discloser targets dental plaque and turns fluorescent under the NEWTRON® SLIM B.LED handpiece blue light.

Exclusive benefits:

- ▶ **Highlights dental plaque perfectly** for a guided clinical care.
- ▶ **Enhances treatment accuracy** and avoids the overuse of instruments, thus preserving healthy tissues.
- ▶ **Improves clinical quality** with more accurate and effective treatment.

This fluorescent revelation also enables practitioners to educate patients and to encourage compliance.



Without B.LED



With B.LED

F.L.A.G.
FOR B.LED

I CARE FOR DESIGN

Design responds to ergonomics and hygiene

- ▶ Elegant devices: flat glass surfaces, clean lines and luminous power dial.
- ▶ Adapted to practice: inclined front panel for better interaction with the practitioner and accessibility to the settings and the handpiece.
- ▶ Meeting hygiene requirements: total hygiene watertightness, removable power adjustment knob for easy decontamination.

A fine and balanced NEWTRON® SLIM handpiece

- ▶ Ergonomic shape regardless of the grip position, with flexible cord.
- ▶ Interior in Titanium for extreme resistance to corrosion.
- ▶ B.LED: dental plaque revelation and excellent intraoral visibility (2 white and blue interchangeable and autoclavable LED rings, and 6 High power LEDs).

Exclusive handpiece holder to prevent falls

Installed on the front or the side of the device, the holders in silicone can be removed and autoclaved.