

TECHNICAL SPECIFICATIONS

NEWTRON
P5
Irrigation: Connects to the water supply
Water pressure: 1 to 5 bar

Handpiece: NEWTRON SLIM F12901

Handpiece weight (g): 44
Device weight (g): 1650
Overall dimensions (DxWxH): 155x185x100

NEWTRON
P5
B.LED
Irrigation: Connects to the water supply
Water pressure: 1 to 5 bar

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

Handpiece weight (g): 48
Device weight (g): 1650
Overall dimensions (DxWxH): 155x185x100
Dental plaque disclosing liquid F.L.A.G.™ for B.LED

NEWTRON
P5XS
B.LED
Irrigation: 300 ml tank
(500 ml tank in option)
Irrigation flow rate:
5 - 40 ml/min

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

Handpiece weight (g): 48
Device weight (g): 2100
Overall dimensions (DxWxH): 260x185x140
Dental plaque disclosing liquid F.L.A.G.™ for B.LED

NEWTRON
P5XS
Bluetooth **B.LED**
Irrigation: 300ml tank
(500 ml tank in option)
Irrigation flow rate:
5 - 40 ml/min

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

Handpiece weight (g): 48
Device weight (g): 2100
Overall dimensions (DxWxH): 260x185x140
Dental plaque disclosing liquid F.L.A.G.™ for B.LED
Bluetooth: remotely sets power and irrigation

NEWTRON
BOOSTER
Irrigation: Connects to the water supply
Water pressure: 1 to 5 bar

Handpiece: NEWTRON SLIM F12901

Handpiece weight (g): 44
Device weight (g): 1600
Overall dimensions (DxWxH): 129x160x87

Handpiece dimensions (mm):110, Ø 18
Handpiece cord (m):2,04
Footswitch (dimensions and weight):70x30x100 mm (150 g)
Equipment classification:Classe I - BF type
Supply voltage:100-240 VAC 50/60Hz
Ultrasonic frequency:28 kHz - 36 kHz
Class of medical device:II a
(according to 93/42/EEC directive)



Sterilization of handpiece and accessories (wrenches, storage kits, etc.) in an autoclave according to EN ISO-17665-1 Standard.
See individual product instructions manuals for further information. These devices are manufactured according to the current regulations and standard (IEC 60601 1) and according to the EN ISO 13485 quality control certification system.



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NEWTRON
Preserve teeth
with perfect
ultrasonic vibrations
and steel tip quality



I CAN TREAT ACCURATELY WITH PEACE OF MIND

Attention was paid to every detail in the development of the NEWTRON® range to help practitioners **clean effectively while preserving teeth**: generators with **automatic power regulation** and perfectly-controlled ultrasonic vibrations allow **precise and easy procedures**.

With NEWTRON®, the promise "I am caring" makes sense.



NEWTRON
P5XS



NEWTRON
P5



NEWTRON
BOOSTER

STEEL TIP QUALITY: THE REFERENCE

Tips are designed with a **specific steel hardness**, nearest to enamel: together with the tips linear displacement, **teeth** are not only cared for but **preserved**.

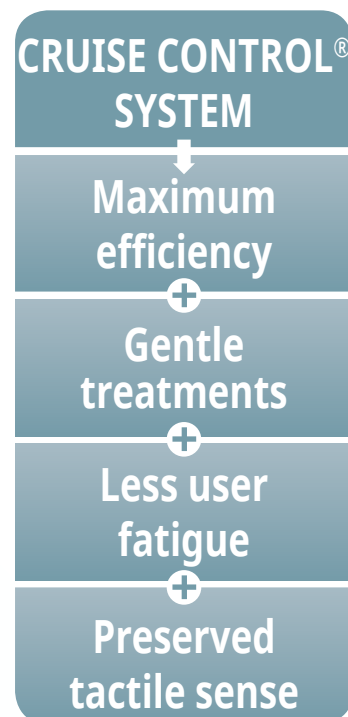
I CARRY OUT GENTLE TREATMENTS

NEWTRON® technology, the perfect tune for easy, accurate and safe treatments.

NEWTRON® BOOSTER, NEWTRON® P5 and NEWTRON® P5XS generators are fitted with the **Cruise Control® System**, patented and exclusive Newtron® technology.

The electronics module, the handpiece and the tip interact in harmony to deliver optimum performance, through **smooth vibrations**.

- ▶ Tip frequency is adjusted in real-time
 - better tactile sense
 - no power loss
 - soft tissue preservation
- ▶ The amplitude is perfectly controlled and constant
 - gentle vibrations giving a painless treatment and preserving teeth
- ▶ The power required is instantly adjusted depending on the resistance encountered by the tip
 - no pressure necessary
 - decrease fatigue for the practitioner
 - greater efficiency



Efficiency is guaranteed even at low power, with minimum pressure and fatigue, and increased tactile sense.

With NEWTRON® technology, practitioners can work in complete control and confidence.

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. In world premiere, we are introducing 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**.
- The spray control system gives more **powerful cavitation** and a perfectly-controlled vibration energy at the end of tips. Deposits removal and disinfection are enhanced.

Intuitive settings for optimized 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 accurate treatments and **maximum tip efficiency**.
- **Any type of irrigation** solution can be used including sterile water, sodium hypochlorite, or chlorhexidine.



I SEE BETTER, I TREAT BETTER

B. LED

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.

- **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

**VISUAL COMFORT
QUALITATIVE TREATMENT
ORAL HYGIENE EDUCATION**

B.LED Technology is available on NEWTRON® P5 B.LED, NEWTRON® P5XS B.LED and OEM.

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.

