



IT'S TIME FOR  
TREATMENT  
VERSATILITY

NEUTRON



EN

**ACTEON**

# PRESERVE TEETH WITH PERFECT ULTRASONIC VIBRATIONS AND STEEL TIP QUALITY

## PRESERVATION

More precise treatment and gentle on teeth  
Anatomy and enamel preservation  
No heating = safer for tissues

## EFFICACY

Maximal and continuous efficiency whatever the load applied  
Constant performances, no pressure needed  
Fragmentation and elimination of deposits, cleaning and disinfecting effect

## COMFORT

Tactile sense preserved  
Decreased fatigue for the clinician  
Painless treatment for the patient

## HIGH QUALITY STEEL TIPS ARE STANDARD

NEWTRON® tips are designed with specific stainless steel which is very close to the hardness of enamel. With our tips, and their linear displacement, teeth are not only cared for but preserved.



# A WIDE RANGE OF TIPS TO MEET ALL PATIENTS' CLINICAL NEEDS

## TIPS DESIGNED TO PROVIDE A WIDE RANGE OF TREATMENTS

- ▶ The **widest range** in the market, having nearly 80 different tips, with exclusive designs, alloys and coatings for clinical versatility.
- ▶ Exclusive tips **Pure Titanium for implant cleaning**.
- ▶ Often copied, never equaled, our tips are designed to vibrate efficiently, ensuring **maximum and continuous performance**.

### PERIODONTICS



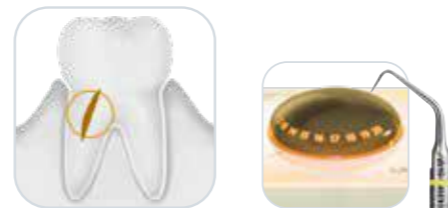
### IMPLANT CARE



### ENDODONTICS



### SURGICAL ENDODONTICS



### PROPHYLAXIS




### CONSERVATIVE AND RESTORATIVE DENTISTRY






# THE SOLUTION FOR EACH CLINICAL CASE



**scaling**  
Supra and sub-gingival scaling  
N° 1, N° 1S, N° 10X, H3 tips, 4 autoclavable dynamometric wrenches  
Ref. F00934




**hygiene**  
Versatile, gentle hygiene treatment  
N° 1, N° 1S, N° 10Z, TK1-1S tips, 4 autoclavable dynamometric wrenches  
Ref. F00935

**excavus**  
Minimal excavation and micro-abrasion  
EX1, EX2, EX3, EX-L, EX-R tips, an autoclavable metal support and an universal wrench  
Ref. F00739




**perfectmargin**  
Rounded  
Prosthetic finishing with chamfered shape  
PM1, PM2, PM3, PM4 tips, an autoclavable metal support and an universal wrench  
Ref. F00738




**perfectmargin**  
Shoulder  
Prosthetic finishing with shoulder shape  
PMS1, PMS2, PMS3, PMS4 tips, an autoclavable metal support and an universal wrench  
Ref. F00736




**perfectmargin**  
Veneers  
Ceramic veneers finishing  
PMV1, PMV2, PMV3, PMV4 tips, an autoclavable metal support and an universal wrench  
Ref. F02020




**periodontics**  
Periodontal debridement  
Root planing  
N° 1S, H3, H4L, H4R tips, 4 autoclavable dynamometric wrenches  
Ref. F00936




**perioPrecision**  
Periodontal maintenance  
P2L, P2R, TK1-1S tips, 3 autoclavable dynamometric wrenches  
Ref. F00939





**perio**  
BDR  
Biofilm disruption  
TK1-1S, TK1-1L, TK2-1L, TK2-1R tips, 4 autoclavable dynamometric wrenches  
Ref. F00937




**implantProtect**  
Pure Titanium  
Treatment of peri-implantitis and maintenance  
IP1, IP2L, IP2R, IP3L, IP3R tips, an autoclavable metal support and universal wrench  
Ref. F02120





**endo-one**  
Endodontic treatments  
CAP1, CAP2, CAP3, ET25, ETPR tips, 1 blister with 4 Irrisafe 25-21mm, an autoclavable metal support and an universal wrench  
Ref. F00732

**endosuccess**  
Canal Access Prep  
Canal access preparation  
CAP1, CAP2, CAP3 tips, an autoclavable metal support and an universal wrench  
Ref. F88180




**endosuccess**  
Retreatment  
Canal retreatment  
ET18D, ET20, ET25, ET25S, ETBD, ETPR tips, an autoclavable metal support and an universal wrench  
Ref. F00737

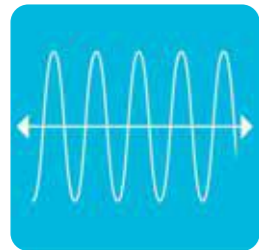
**endosuccess**  
Apical Surgery  
Apical surgery  
AS3D, AS6D, AS9D, ASLD, ASRD tips, an autoclavable metal support and an universal wrench  
Ref. F00069



# GENTLE TREATMENTS THANKS TO NEWTRON® TECHNOLOGY

## NEWTRON® TECHNOLOGY, GUARANTEED EFFICACY AND SAFETY

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



- ▶ Controlled linear vibrations
- ▶ Automatic and continuous frequency adjustment according to every tip shape and weight
- ▶ Real time power adjustment



- ▶ Total irrigation control
- ▶ Powerful cavitation

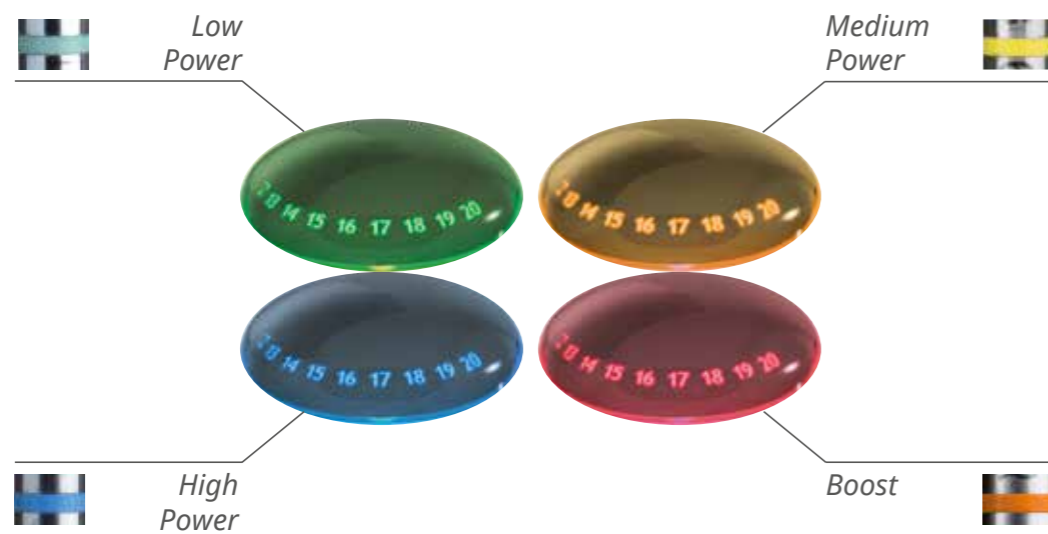
NEWTRON  
TECHNOLOGY



# ACCURATE AND SAFE TREATMENTS

## INTUITIVE SETTINGS FOR EASE OF USE

- ▶ 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.



Color Coding System™  
Each tip ring color indicates the power color setting on the Newtron® generator.

## 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.

### F.L.A.G. FOR 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.

#### 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



# A DESIGN ADAPTED TO YOUR NEEDS

## 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 HOLDERS TO PREVENT FALLS

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

# THE BEST ALLY FOR YOUR PRACTICE

**NEUTRON**  
P5XS B. LED

VERSATILE AND AUTONOMOUS



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

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

**Irrigation:** 300ml tank  
(500ml tank in option: F62005)  
**Irrigation flow rate:** 5 - 40 ml/min

**Handpiece weight:** 48g  
**Device weight:** 2100g  
**Overall dimensions (LxWxH):**  
260x185x140mm

**NEUTRON**  
P5 B. LED

DESIGN AND ERGONOMIC



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

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

**Irrigation:** Connected to the water supply  
**Pressure:** 1 to 5 bars

**Handpiece weight :** 48g  
**Device weight:** 1650g  
**Overall dimensions (LxWxH):**  
155x185x100mm

**NEUTRON**  
BOOSTER

COMPACT AND EFFICIENT

**Handpiece:** Not LED  
SP NEUTRON® (F12281)

**Irrigation:** Connected to the water supply  
**Pressure:** 1 to 5 bars

**Handpiece weight:** 52g  
**Device weight:** 1600g  
**Overall dimensions (LxWxH):**  
129x160x87mm







Watch our clinical protocols  
on our YouTube channel:  
ACTEON®

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[www.acteongroup.com](http://www.acteongroup.com)

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Newtron®: Ultrasonic control console for conventional dentistry  
Class IIa medical devices - CE0459 (GMED)  
For professional dental use only.  
Manufacturer: SATELEC® - France  
Read carefully the instructions for use available on [www.acteongroup.com](http://www.acteongroup.com)  
Updated on: 02/2020

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