

I AM CARING

NEUTRON



Preserve teeth with perfect
ultrasonic vibration and
high quality steel tips



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. This includes generators with automatic power regulation and perfectly-controlled ultrasonic vibration to allow precise and easy procedures.



NEWTRON P5XS B.LED



Refined power, plus irrigation

Flat glass surface and uncluttered design

- Easier access to settings and handpiece
- Totally watertight and hygienic for simple cleaning

Removable power knob

- Easy to wipe clean
- Glowing color-coded dial for easy power selection

Adjustable, autoclavable handpiece holder

300ml or optional 500ml tank for independent irrigation

- Any type of irrigating solution can be used including sterile water, sodium hypochlorite or chlorhexidine

NEWTRON P5 B.LED

Improved ergonomics, better hygiene

Flat glass surface and uncluttered design

- Easier access to settings and handpiece
- Totally watertight and hygienic for simple cleaning

Removable power knob

- Easy to wipe clean
- Glowing color-coded dial for easy power selection

Adjustable, autoclavable handpiece holder

Connects to the water supply via Quick-Connect

NEWTRON BOOSTER

Get the Pure Power...

Exclusive handpiece holder

- Reduced risk of handpiece falling
- Removable and autoclavable silicone

Flat surfaces and sleek design

- Totally watertight and hygienic for simple cleaning
- #### Connects to the water supply via Quick-Connect



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



Improved ergonomics and better hygiene

- Elegant design: 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: totally watertight, removable power adjustment knob for easy decontamination.

Balanced NEWTRON SLIM handpiece

- Ergonomic shape regardless of the grip position, with flexible cord
- All titanium interior for extreme corrosion resistance
- B.LED : excellent intraoral visibility with 6 high power autoclavable LEDs

CRUISE CONTROL® SYSTEM

Maximum
efficiency



Gentle
treatment



Less user
fatigue

Exclusive handpiece holder to prevent falls

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

I MEET ALL MY PATIENTS CLINICAL NEEDS

NEWTRON® technology, for accurate and safe treatments

NEWTRON® BOOSTER, NEWTRON® P5 B.LED and NEWTRON® P5XS B.LED generators are equipped with the **Cruise Control® System**, patented and exclusive **NEWTRON® technology**

The electronics module, handpiece and tip interact in harmony to deliver optimum performance, providing smooth ultrasonic vibration

Tip frequency is adjusted in real-time

- Better tactile sense
- No power loss
- Soft tissue preservation

The amplitude is perfectly controlled and constant

- Gentle vibration provides painless treatments and preserve teeth

The power required is instantly adjusted depending on the resistance encountered by the tip

- No pressure necessary
- Decreased fatigue for the practitioner

Efficiency is guaranteed even at low power, requiring minimum pressure while providing increased tactile sense

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



**CRUISE CONTROL®
SYSTEM**

↓
Maximum
efficiency

⊕
Gentle
treatment


⊕
Less user
fatigue



Perfectly in tune


SATELEC • Piezo-Ultrasonic • Instruments

scaling



N°1S F00245 N°1 F00246 N°2 F00247 N°3 F00248 N°10P F00253 N°10X F00359 N°10Z F00254

periodontics



H1 F00366 H2L F00367 H2R F00368 H3 F00369 H4L F00114 H4R F00115

perioPrecision

P2L F00090 P2R F00091

Bio-Film Disruption (BDR)

TK1-1S F01001 TK1-1L F01004 TK2-1L F02162 TK2-1R F02161

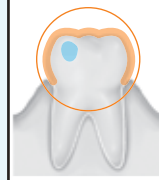
perioSoft (4 - Pack)

PH2L F00705 PH1 F00702 PH2R F00706

implantProtect Pure Titanium

IP1 F02121 IP2L F02122 IP2R F02123 IP3L F02124 IP3R F02125

excavus



EX1 F02040 EX2 F02041 EX3 F02042 EX-L F02044 EX-R F02043

perfectMARGIN Shoulder

PMS1 F02254 PMS2 F02255 PMS3 F02256

Perfectly in tune

SATELEC • Piezo-Ultrasonic • Instruments



ENDOsuccess

Canal Access Prep

CAP1 F88181 CAP2 F88182 CAP3 F88183

irrisafe

(4 - Pack)

IRR 20-21mm - F43807
IRR 20-25mm - F43808
IRR 25-21mm - F43805
IRR 25-25mm - F43806

endodontics

(4 - Pack)

K-Files (4-Pack)

K10/21mm - F43710
K10/25mm - F43712
K15/21mm - F43715
K15/25mm - F43717
K25/21mm - F43725
K25/25mm - F43727
K30/21mm - F43730
K30/25mm - F43732

ENDOsuccess

Retreatment

ET18D F88017 ETBD F88020 ET20 F88011 ET25 F88018 ET25S F88021 ET25L F88022 ETPR F88019 ET40 F88012 ET40D F88014

ENDOsuccess

Apical Surgery

AS3D F00065 AS6D F00079 AS9D F00067 ASLD F00080 ASRD F00081

Match the wrench to the colored ring at the base of the SATELEC tip

F12351 F81320 F81321 F81322 F81323

PerfectMARGIN

Rounded

PM1 F02250 PM2 F02251 PM3 F02252 PM4 F02253 PMV1 F02021 PMV2 F02022 PMV3 F02023

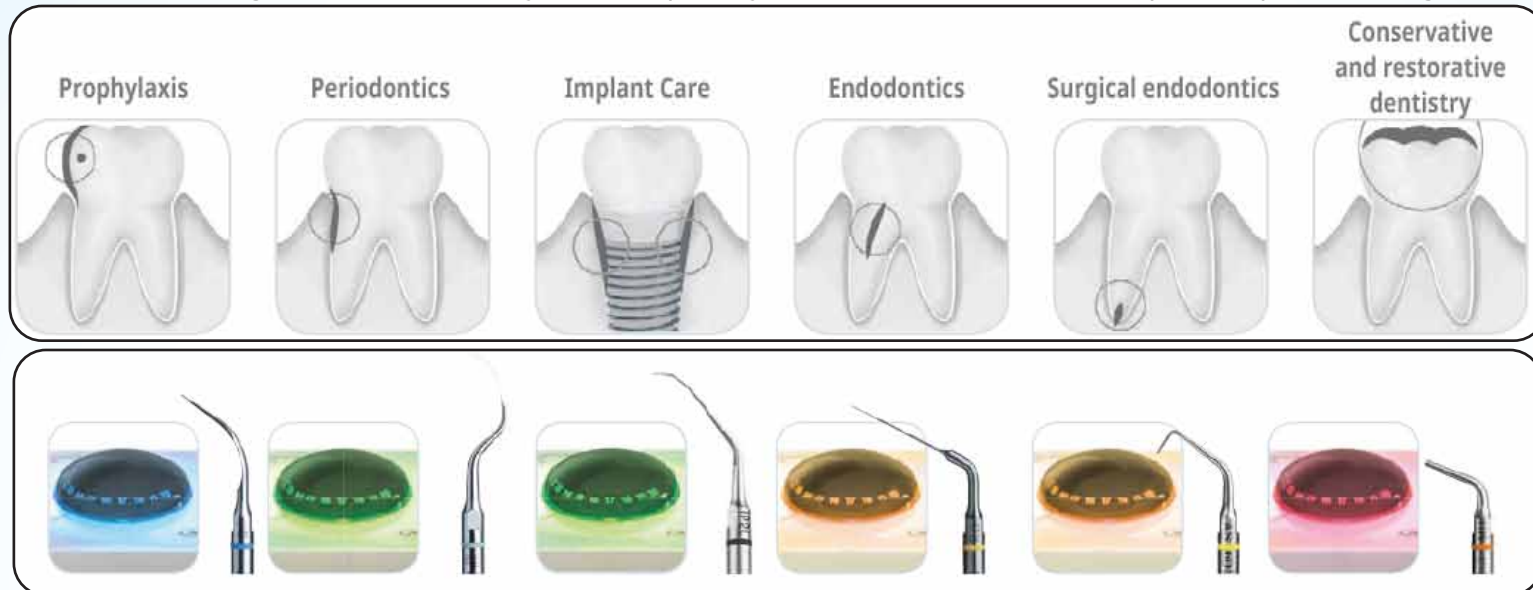
PerfectMARGIN

Veneers

PMV4 F02024 PMV5 F02025 PMV6 F02026

A tremendous choice of tips for accurate and noninvasive treatments

ACTEON has the largest and most innovative range of tips with nearly 70 available with exclusive designs, alloys and coatings for clinical versatility. We now proudly introduce our Pure Titanium tips for implant cleaning.



NEWTRON BOOSTER

Irrigation - Connects to the water supply via Quick-Connect

Water Pressure - 1 to 5 bar

Handpiece - NEWTRON SLIM - F12901

Handpiece Weight - 44g

Device Weight - 1650g

Overall Dimensions (mm) - 129 x 160 x 87

NEWTRON P5 B.LED

Irrigation - Connects to the water supply via Quick-Connect

Water Pressure - 1 to 5 bar

Handpiece - NEWTRON SLIM B.LED White Ring - F12905

Handpiece Weight - 48g

Device Weight - 1650g

Overall Dimensions (mm) - 155 x 185 x 100

NEWTRON P5XS B.LED

Irrigation - 300ml tank (500 ml tank is optional)

Irrigation flow rate - 5 - 40 ml/min

Handpiece: NEWTRON SLIM B.LED White Ring F12905

Handpiece weight - 48g

Device weight - 2100g

Overall dimensions (mm) - 260 x 185 x 140

Technical Specifications

Handpiece dimensions (mm)	110, Ø 18
Handpiece cord (m)	2.04
Footswitch (dimensions and weight)	70 x 30 x 100 mm (150 g)
Equipment classification	Class I - BF type
Supply voltage	100 - 240 VAC 50/60Hz
Ultrasonic frequency	28 - 36 kHz
Class of medical device	II a

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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