

# NEUTRON



**Newtron<sup>®</sup>,  
everyday,  
for every  
clinical  
situation**





# Prophylaxis workflow

The World Health Organization estimates that oral diseases affect nearly 3.5 billion people, and is committed to improving the dental prevention management. In this regard, Acteon® assists the dentists in their prophylaxis procedures from diagnosis to treatment and follow up with a comprehensive range of products responding to the entire workflow.



AIR N GO  
EASY



SOPRACARE



NEUTRON



Bliss  
by Acteon



*I like that ACTEON® offers a complete solution. With their devices, I love my job even more."*

K. Vichos,  
Usa  
Rhd



*I did not believe it but through months, I saw my mouth and my teeth becoming healthier through high-quality care. Now, I can smile without shame."*

Wilson,  
K. Vichos' patient



DETECT > TREAT > FOLLOW-UP  
DIAGNOSE

# Efficacy and safety with Newtron® technology

The generator, the handpiece and the tip work in perfect harmony to get the best out of the Newtron® technology



## A large range of tips meeting all the clinical needs

### PRECISION

○ Precise treatments thanks to the controlled linear vibrations

### PRESERVATION

○ Tissue preservation with the automatic and continuous frequency adjustment

### COMFORT

○ Comfort for the patient and practitioner thanks to the real time power adjustment



LET'S FIGHT CORONAVIRUS TOGETHER

### Reduced nebulization Better visibility

The irrigation is reduced and controlled, allowing better visibility and reducing nebulization. It is proven\* that the use of Newtron® at low power is bringing good results while decreasing the water volume to a drip and reducing the aerosols.



### Disinfecting effect

Thanks to a powerful cavitation, a biological effect caused by the ultrasonic vibrations, the deposits are fragmented and removed with a disinfecting effect.



*Procedures are done much quicker, much more effective and again much easier for both hygienist and the patient.*

*Dr. Kaminer, USA*



The widest range on the market with **80 different tips**; with exclusive designs, alloys and coatings for clinical versatility.

**Exclusive tips in Pure Titanium for implant cleaning.**

*ACTEON® devices and instruments assist me daily, in ensuring a successful outcome to my patients*

*Dr Gorni, Italy*

### PERIODONTICS



### IMPLANT CARE



### ENDODONTICS



### SURGICAL ENDODONTICS



### PROPHYLAXIS



### CONSERVATIVE AND RESTORATIVE DENTISTRY



\*Paschke N. A path to fewer aerosols with Ultrasonics. MS, RDH Mag, 2021 Jan; 28-30

# Ease of use

# For smooth and safe procedures



## SIMPLE AND INTUITIVE SETTINGS WITH THE COLOR CODING SYSTEM



## F.L.A.G.™ FOR B.LED GUIDES THE PRACTITIONER FOR A PRECISE AND ACCURATE TREATMENT

Applied on teeth, **F.L.A.G.™** for **B.LED** highlights the dental plaques when used under the **Newtron®** slim B.LED handpiece and guides the practitioner in his procedure.



- Enhances treatment accuracy and avoids the overuse of instruments, thus preserving healthy tissues.
- Enables practitioners to educate patients and to encourage compliance.



Without B.LED



With B.LED

## IRRIGATION SYSTEM OPTIMIZED TO ALL THE PROCEDURES

Limit cross-contamination with **2 graduated tanks** (300 mL or 500 mL) to add and mix disinfectant solutions directly, and to fill in during procedures.

Easy and precise flow adjustment for a powerful cavitation and the maximum tip efficiency: **deposits fragmentation, disinfecting effect.**

Thanks to the **inner part of the handpiece in titanium**, any type of irrigation solution including water, sodium hypochlorite and chlorhexidine, can be used.



## A DESIGN RESPONDS TO ERGONOMICS AND HYGIENE

- Elegant device:** flat glass surface, clean line 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.



LET'S FIGHT CORONAVIRUS TOGETHER

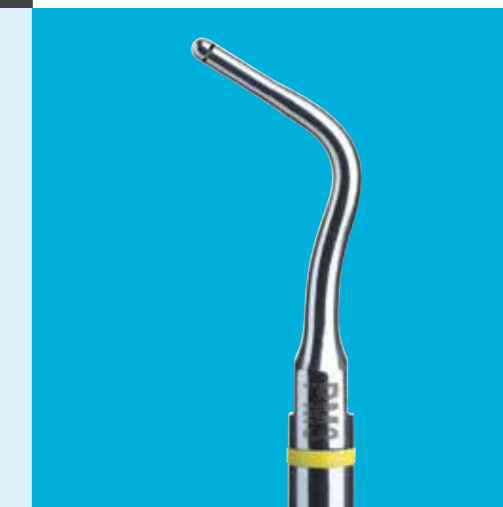
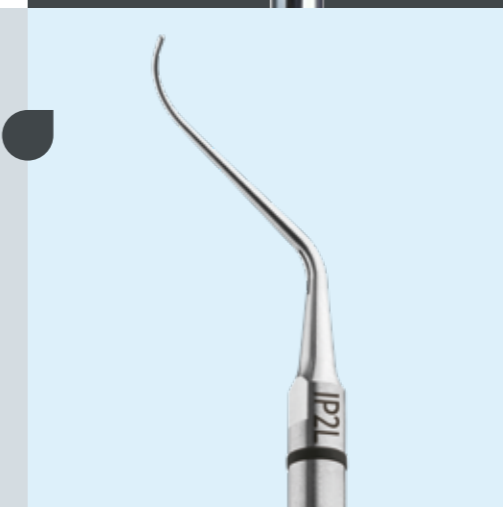
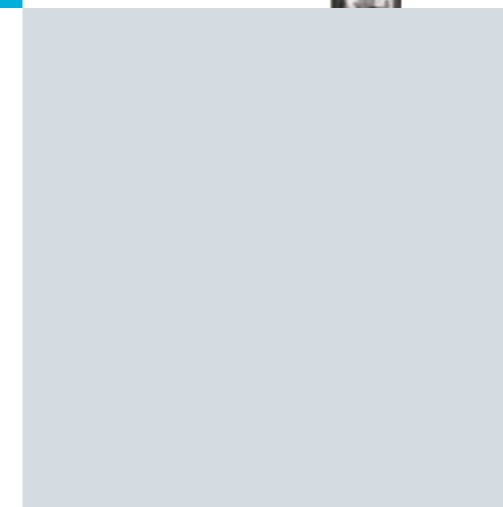
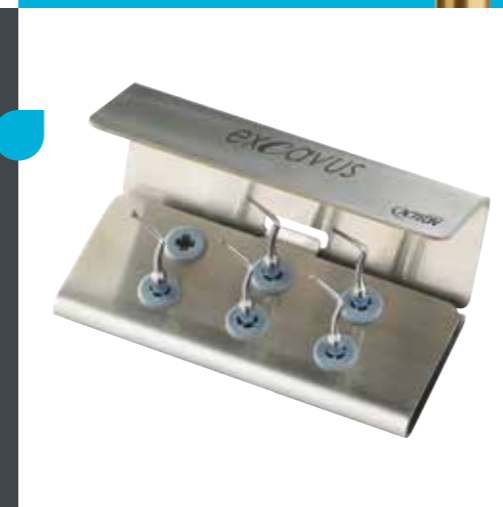
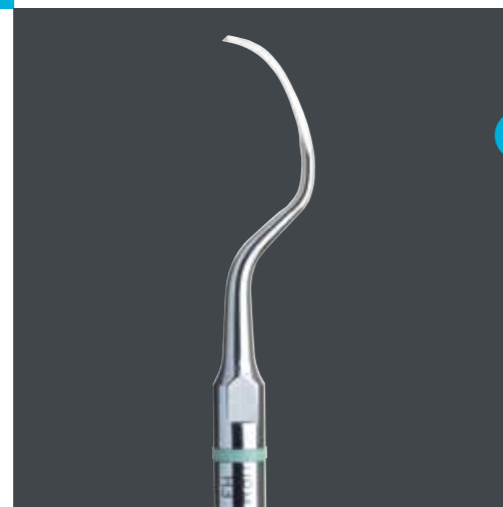
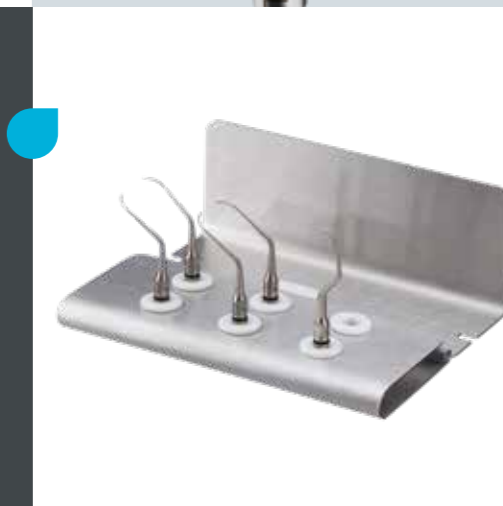
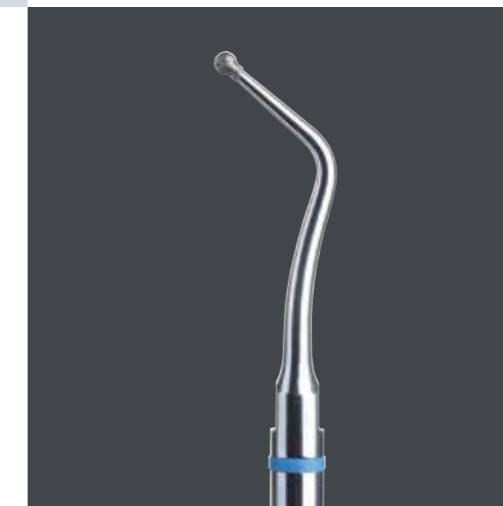
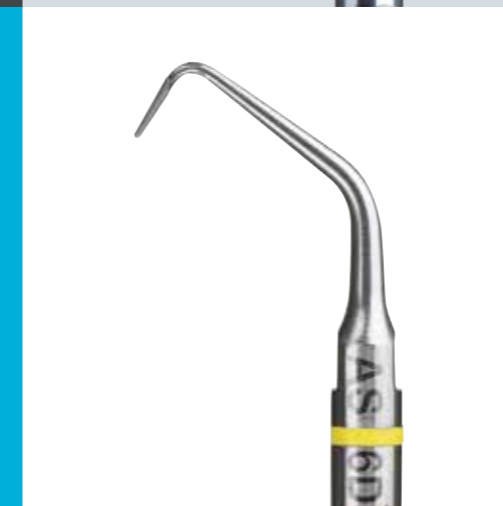
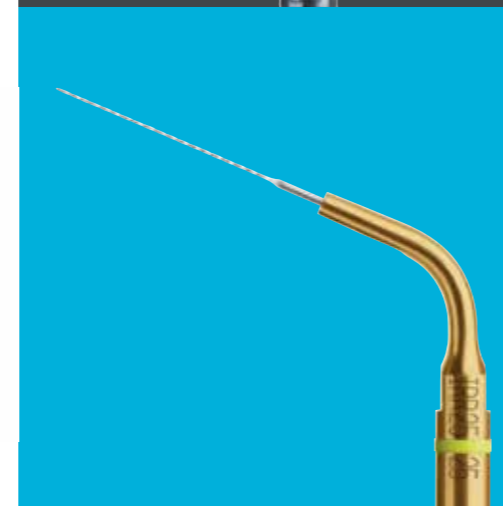
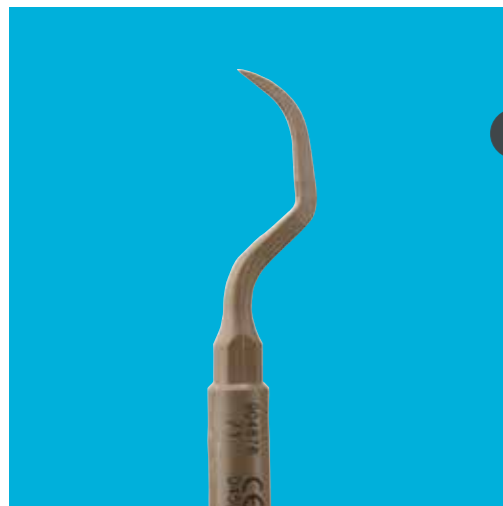
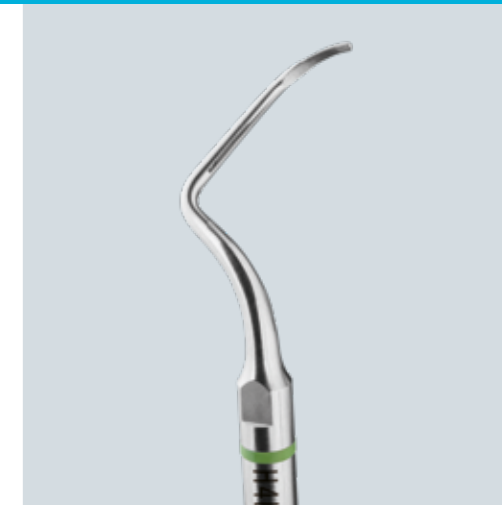
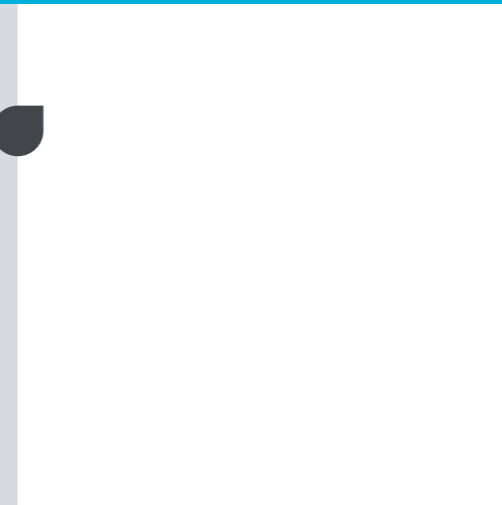


# A large and versatile range of tips



Interacting in harmony with the handpiece and the device to deliver optimum performance

Specifically designed to meet all clinical needs, thanks to exclusive designs, alloys and coatings that respect the surfaces treated: enamel, crown, implant.





## scaling



### Supra-gingival scaling



1

#### Universal tip

Simple cases: gross supra-gingival scaling.

Tangential orientation to the surface.

To-and-fro sweeping to "detach" the tartar whilst respecting the enamel.



2

#### Voluminous calculus

Removal of significant supra-gingival deposits.

Apply the flat part to the tooth surfaces.



3

#### Stains

Removal of marks and stains (tobacco, tea, coffee, etc.).

Apply the rounded extremity of the tip to the surface to be treated.

### Sub-gingival scaling and probing



10P

#### Shallow pockets

Scaling of pockets less than 2-3mm deep.



10Z

#### Medium pockets

Scaling of medium pockets (< 4mm).

Removal of biofilm and soft deposits, while evaluating the depth of the pockets using the marks every 3mm.

Efficient for maintenance treatment in patients with good dental hygiene.

## hygiene



### Supra- and sub-gingival scaling



1S

#### Slim tip

Interproximal spaces scaling.

Finer and longer than tip No.1, it is also powerful and robust.

### Supra-gingival scaling and interproximal spaces

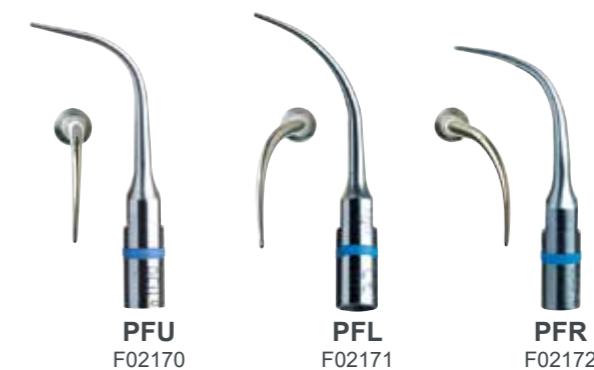


10X

#### Interproximal spaces

Its anatomical shape allow fast and efficient procedure.

## perioFine



### Smooth biofilm elimination

PFU

#### Dental plaque and sub-gingival small deposits removal

Oriented tangentially: its shape adapts to the anatomy of the tooth for a painless and easy access.

PFL

#### Interproximal scaling of narrow areas

Left-oriented for an easy access to premolars and molars.

PFR

#### Interproximal scaling of narrow areas

Right-oriented for debridement and cleaning of medium pockets.



periodontics



## Periodontal debridement



**H3**  
**Initial periodontics, anterior sector**  
 Treatment of the incisor-canine block.  
 The guide edge is oriented parallel to the pocket.  
 The H3 tip is descended into the periodontal pocket without risk of injury to the ligament. The cavitation will lift the debris out.



**H4L**  
**Periodontics for the premolar and molar sectors, left-oriented**  
 First instrument in the sequence for treating all the surfaces and the furcations.  
 • Maxillary: buccal and distal surfaces of sector 2, pivots at 13, then the buccal and mesial surfaces of sector 1.  
 • Mandibular: buccal and distal surfaces of sector 4, pivots at 43, then lingual and mesial surfaces of sector 3.



**H4R**  
**Periodontics for the premolar and molar sectors, right-oriented**  
 Second instrument in the sequence.  
 • Maxillary: palatine and mesial surfaces of sector 2, pivots at 13, then buccal and distal surfaces of sector 1.  
 • Mandibular: lingual and mesial surfaces of sector 4, pivots at 43, then buccal and distal surfaces of sector 3.

## Root planing



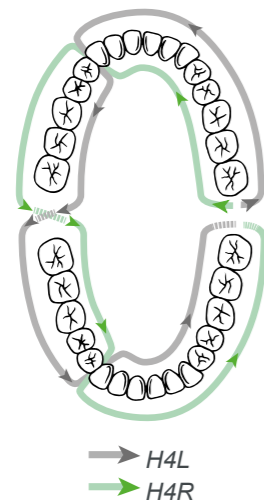
**H1**  
**Anterior tooth root planing, diamond-coated tip 30 μm**  
 • Diamond-coated mini-tip for simple cases in the cervical area.  
 • Also effective for the withdrawal of granulation tissue.  
 This tip should be used without pressure and above the epithelial attachment because it is abrasive.



**H2L**  
**Root planing of the premolar and molar sectors, left-oriented, diamond-coated tip 30 μm**  
 Diamond-coated micro-probe for the treatment of furcations and narrow spaces.

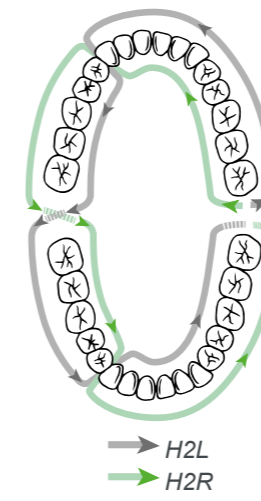


**H2R**  
**Root planing of the premolar and molar sectors, right-oriented, diamond-coated tip 30 μm**  
 Diamond-coated micro-probe for the treatment of furcations and narrow spaces.



The H4L and H4R tips make it possible to treat the whole mouth in a single session.

→ H4L  
 → H4R



The H2 tips are also effective for the treatment of abscesses.

→ H2L  
 → H2R



## perio**m**aintenance BDR



### Biofilm disruption



**TK1-1S** **Short probe**  
Graduated every 3mm, for examining shallow and medium pockets (< 4mm) and for the maintenance of simple cases.



**TK1-1L** **Long probe**  
Examination and maintenance of medium to deep pockets (> 4mm).  
Diagnosis aid during the debridement and irrigation of pockets.

The TK1 probe tips are used without pressure following the contour of the pockets and skimming over the root surface.



**TK2-1L** **Maintenance of the premolar and molar sectors, left-oriented**  
Maintenance of moderate to deep pockets and furcations.  
Equivalent to the Nabers probe.



**TK2-1R** **Maintenance of the premolar and molar sectors, right-oriented**  
Complementary to the TK2-1L tip for the maintenance of moderate to deep pockets and furcations.  
Equivalent to the Nabers probe.

## perio**P**recision



### Periodontal maintenance

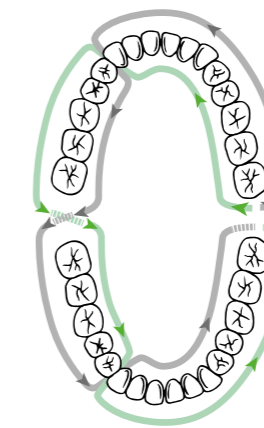


**P2L** **Debridement of the premolar and molar sectors, left-oriented**  
Round micro-tip recommended for periodontal debridement in the presence of a fine periodontium and in narrow areas.  
• Maxillary: buccal and distal surfaces of sector 2, pivots at 13, then the palatine and mesial surfaces of sector 1.  
• Mandibular: buccal and distal surfaces of sector 4, pivots at 43, then lingual and mesial surfaces of sector 3.



**P2R** **Debridement of the premolar and molar sectors, right-oriented**  
Second instrument in the sequence, after the P2L tip.  
The double bend makes it possible to treat areas that are difficult to access (inter-radicular spaces, deep pockets).  
• Maxillary: buccal and mesial surfaces of sector 2, pivots at 13, then buccal and distal surfaces of sector 1.  
• Mandibular: lingual and mesial surfaces of sector 4, pivots at 43, then buccal and distal surfaces of sector 3.

The P2 tips can also be used to remove small amounts of excess cement when bonding fixed prosthesis.



→ TK2-1L / P2L  
→ TK2-1R / P2R





perioSoft



## Implant and prosthesis prevention



### Hygiene of anterior sector

- Plastic micro-tip with universal curette shape for the treatment of the incisor/canine groups.
- Removal of the biofilm and low adherence deposits without scratching the prosthetic surfaces.
  - Polishing the sulcus or grooves of natural teeth.



### Hygiene of premolar and molar sectors, left-oriented

- Plastic micro-tip with 13-14 curette shape for the removal of biofilm and low adherence deposits for the treatment of the posterior groups.
- Maintenance for the screws and abutment of the implant.
  - Scaling of prosthesis.



### Hygiene of premolar and molar sectors, right-oriented

- Plastic micro-tip with 13-14 curette shape for the removal of biofilm and low adherence deposits for the treatment of the posterior groups.

The new material for these tips makes it possible to clean and debride faster, and gives better breakage resistance. Max. Power = 3 (start of green mode).

implantProtect  
Pure Titanium



Pure titanium tips to preserve implant surfaces.

## Treatment of peri-implantitis and maintenance



### Debridement of the implant abutment and wide threads

- Pure titanium tip with a wider extremity for implant abutment cleaning and large thread debridement.



### Debridement of medium implant threads, left-oriented

- Pure titanium tip with a similar shape to P2L tip for the debridement of medium implant threads. The bend of the tip allows movement around the entire implant for total decontamination.



### Debridement of medium implant threads, right-oriented

- Pure titanium tip with a similar shape to P2R for the debridement of medium-sized implant threads. The approach may be non-surgical or open flap.



### Debridement of narrow implant threads, left-oriented

- Pure titanium tip with a pointed extremity suitable to reach narrow implant threads. All types of implants can be treated with these different tip sizes.



### Debridement of narrow implant threads, right-oriented

- Pure titanium tip with a pointed extremity suitable to reach the inner-most parts of narrow implant threads.

The black ring on these tips indicates their exclusive use on titanium. Max. Power = 5 (green)



## endosuccess Canal Access Prep

The micro-blades are less aggressive than diamond and their coating makes these tips very durable.



### Canal access preparation



#### Micro-blade tip length 12mm, taper 6%

Active lateral part for:

- Finishing walls and polishing.
- Removing temporary cement and dentinal residues.
- Removing dentin overhangs.

Non-active end to prevent the risk of perforating the pulp chamber floor.



#### Micro-blade tip, length 9mm, taper 5%

Active lateral part and extremity used by sweeping method to remove dentine bridges.

- Location of the MB2 (2nd mesiobuccal canal) and search for hidden canals.
- Preparation of the pulp chamber.
- Removal of the dentine layer which may hide the access to the MB2 canal.



#### Micro-blade tip, length 8mm, taper 6%

The CAP3 tip has a very pointed extremity indicated for:

- Locating and opening the calcified canals.
- Fragmenting calcifications or pulp stones in the pulp chamber.
- Loosening fiber posts.
- Locating accessory canals.

Due to its very sharp point, the CAP3 tip must be handled with care (visual aids recommended).



#### Diamond-coated steel tip 76µm, length 18mm, taper 5%

- Finishing the access cavity.
- Removing dentine overhangs, calcifications and filling materials.



#### Diamond-coated ball tip, length 20mm, taper 5%

- Searching for canals and locating calcified canals.

## irrisafe



### Irrigation



#### Passive ultrasonic irrigation (PUI) files of different lengths and diameters

Irrisafe™ safely\* eliminates the smear layer, dentine debris and bacteria from the root canal. Its blunt tip prevents any risk of perforating the apex or the canal walls.

Irrigation once the root canal has been prepared.

- 20ml of irrigant (NaOCl) are injected into the canal.
- Irrisafe™ is inserted 2mm short of the working length and activated by performing withdrawal movements to flush the debris and the smear layer upwards.
- Repeated 3x 1 minute in each canal.



#### Files of different lengths and diameters, taper 2%

Irrigation, withdrawal of calcified dentine and gutta percha, and withdrawal of broken instruments.

For irrigation ultrasonic files are used with a disinfectant solution. To provide a final decontamination, use sodium hypochlorite until the smear layer is removed.

K files are very sharp instruments and should be handled with precision. However they are flexible and can therefore be pre-bent.



**endosuccess**  
Retreatment



## Canal Retreatment



**ET20**

**Retreatment tip, length 20mm, taper 6%**

Used in the 1<sup>st</sup> coronal third:

- Extraction of filling material, silver points, broken instruments.
- Removal of debris and the smear layer.



**ET20D**

**Diamond-coated retreatment tip, 30 µm, length 20mm, taper 5%**

Used in the 1<sup>st</sup> coronal third to remove very hard materials by brushing the walls.

The diamond coating of the ET20D tip increases the cutting and lateral abrasion effect.



**ET25**

**Titanium-Niobium tip, length 20mm, taper 3%**

Retreatment in the middle and apical thirds and the extraction of broken instruments.

The Titanium-Niobium alloy of the ET25 range allows perfect transmission of the ultrasonic vibrations and tip flexibility\*.



**ET25S**

**Short Titanium-Niobium tip, length 15mm, taper 4%**

Retreatment in the coronal third and the isthmuses.

**endodontics**



## Retreatment and obturation



**ET40**

**Long retreatment tip, 40mm, taper 4%**

Rapid removal of broken instruments in the middle third of wide, straight canals.



**ET40D**

**Long retreatment tip, 40mm, diamond-coated 30 µm, taper 4%**

Retreatment of very hard material in the middle third.



**ET25L**

**Long Titanium-Niobium tip, 25mm, taper 3%**

Retreatment in the apical third and long, straight canals.

*ET25 tips can be pre-formed for the treatment of curved canals.*



**SO4**

**Fine condenser, length 40mm, taper 4%**

Lateral condensation of gutta percha by heating effect. It is used dry, without irrigation.

\* E.W. Collings Applied superconductivity, metallurgy and physics of titanium alloys 1985



**endosuccess**  
Apical Surgery



## Apical surgery



**AS3D** **Diamond-coated universal tip 30µm, length 3mm, taper 9%**  
Apical surgery of anterior teeth.  
It should be used without pressure, at the lowest possible effective power.



**AS6D** **Diamond-coated tip 30µm, length 6mm, taper 9%**  
Second instrument in the sequence, used to obtain a preparation length of 5mm at least.



**AS9D** **Diamond-coated tip 30µm, length 9mm, taper 8%**  
Used for complex cases and for the preparation of the root canal up to the coronal third. The diamond coating is only present on the extremity of the instrument not to over-prepare the canal.  
*The AS9D tip should first be introduced into the canal and oriented in the root axis before being activated to prevent the creation of a «false route».*



**ASRD** **Right-oriented tip, diamond-coated 30µm, length 3mm, taper 10%**  
Apical surgery of premolars and molars.



**ASLD** **Left-oriented tip, diamond-coated 30µm, length 3mm, taper 10%**  
Apical surgery of premolars and molars.  
*It should be used with very light pressure.*

**endosurgery**



## Retro surgery



**S12-70D** **Retro surgery tip angled at 70°, diamond-coated 30µm, length 5mm, taper 9%**  
Treatment of posterior areas, in canals that are difficult to access or roots with specific orientations.



**P14D** **Universal retro surgery tip, diamond-coated 30µm, length 5mm, taper 7%**  
Preparation of canals in anterior teeth.  
The micro-retro tips make minimum treatment possible providing fast healing.



**P15LD** **Left-oriented retro surgery tip, diamond-coated 30µm, length 5mm, taper 7%**  
Preparation of premolar and molar canals.



**P15RD** **Right-oriented retro surgery tip, diamond-coated 30µm, length 5mm, taper 7%**  
Preparation of premolar and molar canals.



## perfectmargin Rounded



### Prosthetic finishing with chamfered shape



**PM1** **Preparation, rounded edge, diamond-coated tip 76 μm**  
First instrument of the ultrasonic sequence, following the rotary phase. Intraculcular dentin preparation and positioning of finishing line.



**PM2** **Finishing, rounded edge, diamond-coated tip 46 μm**  
Correction of irregularities in the finish line and start of polishing. Its diamond coating, less dense than on the PM1, makes it possible to obtain a cutting edge finish.



**PM3** **Polishing, rounded edge, smooth**  
This entirely smooth instrument is last in the finishing sequence, improving the condition of the surface at the cervical limit before impression taking.



**PM4** **Corono-radicular preparation, conical, diamond-coated 46 μm**  
After the rotating phase, the PM4 tip is used to:

- Prepare the upper 1/3 of canal chamber.
- Shape anatomically the connection cone.
- Clean the root walls.
- Smooth the entry cones for the anatomical posts.

## perfectmargin Shoulder



### Prosthetic finishing with shoulder shape



**PMS1** **Preparation, shoulder shape, diamond-coated tip 76 μm**  
First instrument of the ultrasonic sequence, after the rotary phase. Penetration of the sulcus to continue preparation the dentine, in order to correct the «lip» of the preparation and obtain a shoulder-shape finishing line.



**PMS2** **Finishing, shoulder shape, diamond-coated tip 46 μm**  
Shoulder shape finishing line without risk of a lesion in the attachment system, and beginning of polishing thanks to its lower grit diamond-coating.



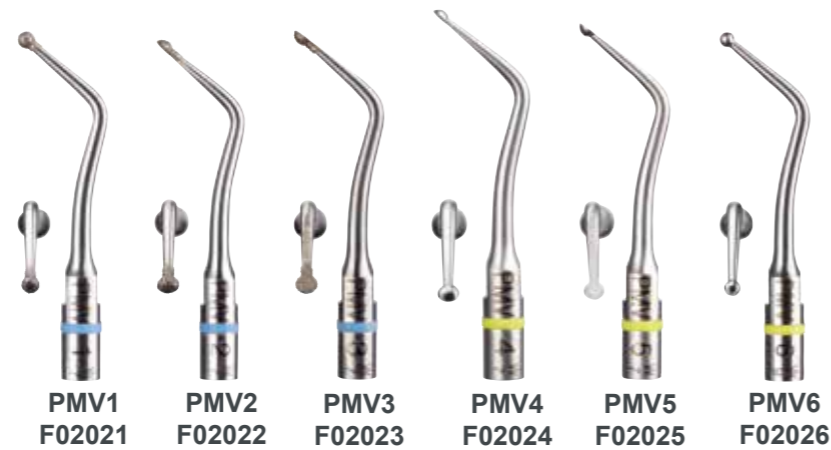
**PMS3** **Polishing, shoulder shape, smooth**  
Polishing and improvement in the surface. Finishing with a smooth tip enables a better quality of impression taking and provides better cement adhesion.

*PerfectMargin Rounded and Shoulder tips have a laser marking at 1mm to control their penetration in the sulcus.*

*When the yellow setting of the ultrasonic generator is used, PM2 and PMS2 can be used for polishing the dentine.*



## perfectmargin Veneers



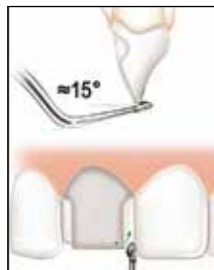
### Ceramic veneers finishing



**PMV1** **Diamond-coated ball 107 µm**  
Perform cuts on the incisal edge, by controlling the depth with the round tip radius. Then join the depth cuts to obtain an homothetic reduction of 1.5mm. Complete the vestibular reduction.



**PMV2** **Diamond-coated external spoon 107 µm**  
After gingival retraction with Expasy!™\*, place the gingival finishing lines margins using the PMV2 tip parallel to the surface to be prepared. Place the interproximal finishing lines using the PMV2 and PMV3 tips, with chuck maintained perpendicular on the surface.



**PMV3** **Diamond-coated internal spoon 107 µm**  
Place the incisal margins in butt-margin using the PMV3 tip, perpendicular to the prepared surface. Then join the incisal and proximal finish lines with the PMV2/3.

**PMV4** **Smooth external spoon**  
Polish the interproximal and gingival finishing lines with PMV4 and PMV5 tips, with chuck maintained perpendicular on the surface.

**PMV5** **Smooth internal spoon**  
Polish the interproximal and gingival finishing lines with PMV4 and PMV5 tips, with chuck maintained perpendicular on the surface.

**PMV6** **Smooth ball**  
Polish the vestibular surface and the incisal finishing lines.

## excavus



### Minimal excavation and micro-abrasion



**EX1** **Diamond-coated ball tip 76µm**  
• Preparation of the occlusal surface and cervical margins.  
• Removal of hyper-mineralised dental structure.



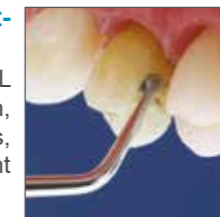
**EX2** **Mesial ½ ball diamond-coated tip 76µm**  
Preparation of the mesial surface without lesions on the adjacent tooth surface.



**EX3** **Distal ½ ball diamond-coated tip 76µm**  
Preparation of the distal surface without lesions on the adjacent tooth surface.



**EXL** **½ ball diamond-coated left-oriented tip, 76µm**  
Curved 45° to the left, the EXL tip allows access to the lesion, particularly in posterior areas, without damaging adjacent teeth.



**EXR** **½ ball diamond-coated right-oriented tip, 76µm**  
Curved 45° to the right, the EXR tip allows access to the lesion, particularly in posterior areas, without damaging adjacent teeth.

*Excavus tips provide excellent abrasion quality due to the regularity of their diamond coating\*.*

### Loosening and condensation



**5AE**

**Loosening of root canal posts with spray**  
Apply the 5AE tip on the lingual or palatine surface and the buccal surface, before finishing with the occlusal surface. Use the flat extremity of the instrument held firmly against the tooth.



**C20**

**Condensation, Piezocem**  
For inlays or onlays on posterior teeth.  
Perform sequences of 10 sec each time, until the prosthesis is perfectly integrated into the cavity. In general 2 or 3 sequences are sufficient; after each sequence remove the excess cement from the margin edges.



**ETPR**

**Loosening tip (post removal)**  
The ETPR tip has profiled and concave shape. It provides greater efficacy on the posterior teeth.

# Dedicated kits for your daily practice



**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, autoclavable metal support and universal wrench  
 Ref. F00739

**perfectmargin**  
 Rounded

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

**perfectmargin**  
 Shoulder

**Prosthetic finishing with shoulder shape**  
 PMS1, PMS2, PMS3, PM4 tips, autoclavable metal support and universal wrench  
 Ref. F00736

**perfectmargin**  
 Veneers

**Ceramic veneers finishing**  
 PMV1, PMV2, PMV3, PMV4 tips, autoclavable metal support and 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

**periomaintenance**  
 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, autoclavable metal support and universal wrench  
 Ref. F02120



**endo-one**

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

**endosuccess**  
 Canal Access Prep

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

**endosuccess**  
 Retreatment

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

**endosuccess**  
 Apical Surgery

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



## How to recognize a worn tip?

**CHOOSE THE ACTEON® ORIGINAL TIPS  
TO GET THE FULL PERFORMANCE OF  
YOUR NEWTRON® ULTRASOUNDS GENERATOR**

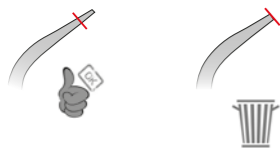
### For a maximum performance and safety, tips must be renewed

The active part of the tip is located on the last 3 mm. When the tip is worn, the action is limited and some key indicators can help the practitioner to identify a worn tip:

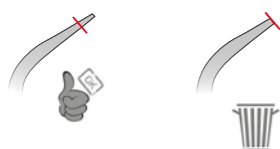
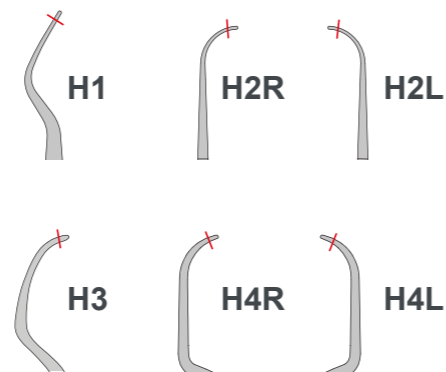
- Lack of results, because the oscillation of the tip is limited
- Pain for the patient, because of the increase of the power needed
- Overwarming of the surface
- Fatigue for the practitioner, because more pressure is needed to have a good result

**For an optimal performance and the safety of your patients, it is important to change the tips on a regular basis, and not use worn tips.**

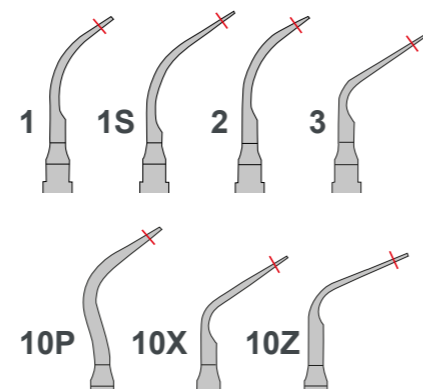
### ACTEON® IS PROVIDING A TIP CARD WHICH GIVES INFORMATION ON THE WEAR OF THE TIP.



EN Fit the tip to the handpiece and place it on the edge of the card over the relevant diagram.



EN Fit the tip to the handpiece and place it on the edge of the card over the relevant diagram.



### Acteon® Original tips certify performance and safety

Our genuine Acteon® tips have been designed to bring the best performance, efficiency and safety with Newtron®.

Acteon®'s liability - both legal and with regard to the warranty of parts and accessories - can't be engaged for the damages that might arise from the use of other than Acteon® Original tips, such as:

- Lack of performance
- Break-up of the device
- Safety of the patient





## VERSATILE AND AUTONOMOUS



**Handpiece:** LED  
NEWTRON® 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

## DESIGN AND ERGONOMIC

**Handpiece:** LED  
NEWTRON® 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



## COMPACT AND EFFICIENT



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

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

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

Newtron Booster, Newtron P5 XS, Newtron P5 XS B.Led: Dental Ultrasonic Control Console  
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: 07/2021