

Perfectly in Tune

Satelec® Piezo-Ultrasonic Instrumentation





SATELEC®, WORLD LEADER

Our development teams design and manufacture the world's most sophisticated range of high-power ultrasonic generators.

Since the registration of the first internationally patented piezoelectric scaler, more than 35 years ago, we have constantly innovated in new electronics and ultrasonic tips, to adapt to the dentists' and dental hygienists' demands and expectations, as well as to follow the evolution of clinical applications.

ACCLAIMED AS TOP PRODUCTS IN MORE THAN 135 COUNTRIES

Within the Acteon Group, innovation has always been embedded in our Corporate Culture and continues to drive our growth.

The company is established in south-west France (Bordeaux), an internationally-renowned area for its competitiveness clusters: Biotechnology, Aeronautics, Laser and Photonics, Pharmacy and Health, Space and Defense.

Our cooperation with national research agencies (CNRS, INSERM), Universities and an international Opinion Leaders Network, supports the development of unique, world-renowned know-how.

GENUINE ULTRASONIC TIPS, ENHANCED PERFORMANCE AND SAFETY

SATELEC tips are an essential part of the entire ultrasonic system, designed to provide enhanced power vibration, and adapt to the clinical situation, providing the practitioner with the best possible performance.

These ultrasonic tips are extremely High Tech, designed with the support of our CAD-CAM programs, and manufactured with the latest generation CNC machines. They are made of exclusive alloys (medical grade stainless steel, titanium-niobium...) and sophisticated material (carbon, diamond...).

They feature a patented Color Coding System™ that helps the end-user to select the best power-level for each clinical application and provides the instrument with full efficiency of the Cruise Control System™ on all our ultrasonic table tops or modules, dramatically reducing the risk of breakage.

Only original SATELEC tips can offer you full compatibility with our ultrasonic generators, from the first original SUPRASSON®, up to the latest Newtron® LED series.



www.satelec.com

SATELEC ultrasonic tips

Sophistication, performance and safe use



SCALING KIT - F00934

Powerful Ultrasonic Prophylaxis.
Tips # 1, 1S, 10X, H3 + individual torque wrenches, in an autoclavable plastic box.



ENDOSUCCESS™ RETREATMENT KIT - F00737

Endodontic Non-Surgical Retreatment, with Full Confidence.
Tips # ET18D, ET20, ET25, ET25S, ETBD, ETPR + universal wrench, in a sterilisable stainless steel tips holder.



PERFECTMARGIN™ SHOULDER KIT - F00736

Atraumatic, Intra-suticular Finishing of Cervical Limits.
Tips # PM1S, PM2S, PM3S, PM4 + universal wrench, in a sterilisable stainless steel tips holder.



PERFECTMARGIN™ ROUNDED KIT - F00738

Ultra precise, Subgingival, Fine Prosthetic Preparation.
Tips # PM1, PM2, PM3, PM4 + universal wrench, in a sterilisable stainless steel tips holder.



ENDOSUCCESS™ APICAL SURGERY KIT - F00069

Minimally-Invasive Surgical Endodontics.
Tips # AS3, AS6, AS9, ASLD, ASRD + universal wrench, in a sterilisable stainless steel tips holder.



EXCAVUS™ KIT - F00739

Mini-Cavity Preparation, Preservation of the Tooth Tissue.
Tips # EX1, EX2, EX3, EXL, EXR + universal wrench, in a sterilisable stainless steel tips holder.

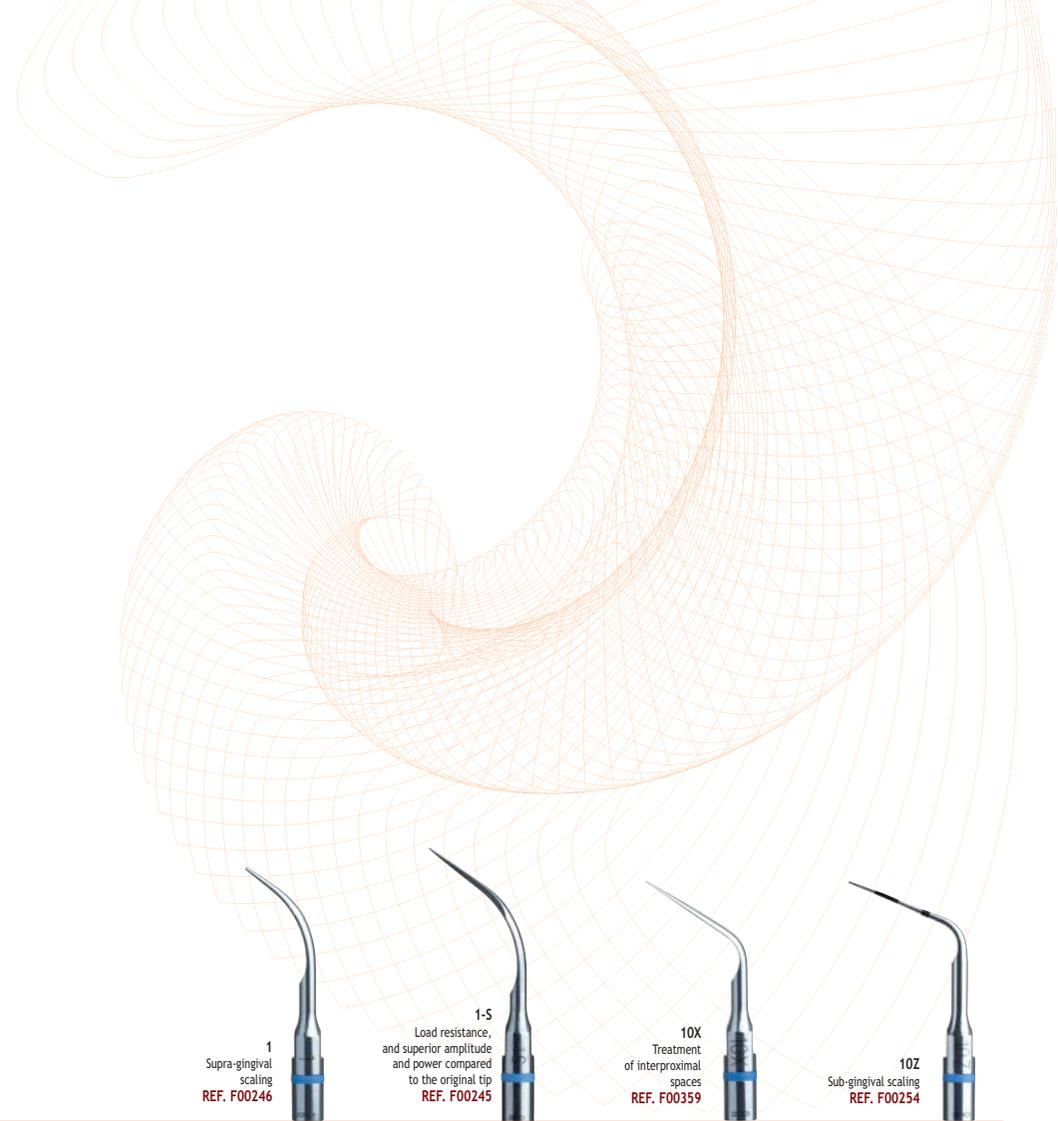
Pain Free Prophylaxis Made Easy



Scaling Kit
 Tips # 1, 1S, 10X, H3, 3 blue torque wrenches,
 1 green torque wrench, 1 plastic box
 (all accessories are autoclavable)
 REF. : F00934

These supra- and sub-gingival tips are ideal for treating commonly encountered cases (pockets < 3-4 mm). All tips come with the new Spray Control System (SATELEC, exclusive).

The tips must be oriented tangentially to the surface being treated, parallel to the main axis of the tooth, and must be moved in a back-and-forth sweeping motion without excessive lateral pressure.



1
 Supra-gingival
 scaling
 REF. F00246

1-S
 Load resistance,
 and superior amplitude
 and power compared
 to the original tip
 REF. F00245

10X
 Treatment
 of interproximal
 spaces
 REF. F00359

10Z
 Sub-gingival scaling
 REF. F00254

2
 Removing
 voluminous
 supra-gingival deposits
 REF. F00247

3
 Removing discolorations
 and stains
 REF. F00248

10P
 Scaling shallow
 pockets
 REF. F00253

Kinder and Painless Periodontics



Perio Kit
 Tips # 1S, H3, H4L, H4R, 3 green torque
 and 1 blue torque wrenches, 1 plastic box
 (all accessories are autoclavable)
 REF. : F00936

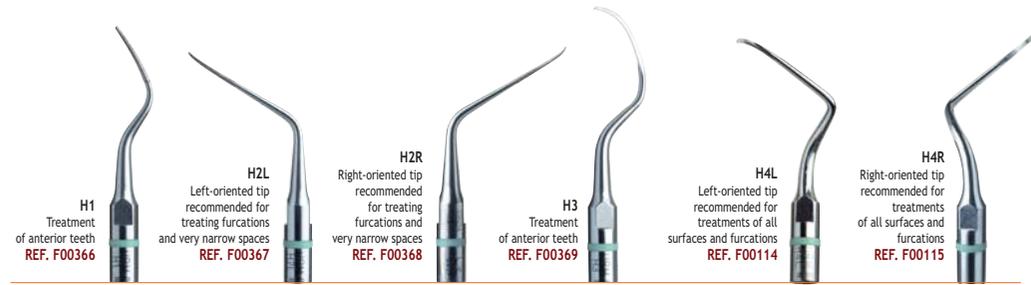
These Perio mini-tips make it possible to perform a full-mouth periodontal debridement.

The calculus are removed methodically crisscrossing all root surfaces, while the biofilm is disrupted and eliminated by irrigation.

Low lateral pressure combined with very low amplitude, provide tactile sensitivity unequalled by any other ultrasonic tip, and painless treatment.

The PerioPrecision micro-tips, makes it possible to carry out a complete ultrasonic pocket treatment, even when the periodontium is very thin.

These are the finest instruments available today, ideal for the debridement, for cleaning the tightest interproximal spaces, especially between overlapping crowns and root systems.



H1
 Treatment
 of anterior teeth
 REF. F00366

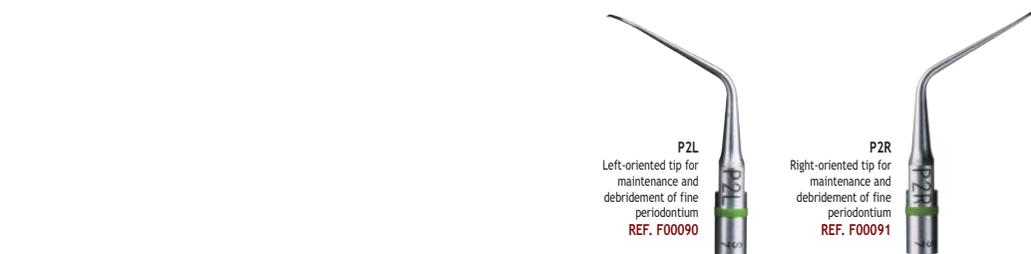
H2L
 Left-oriented tip
 recommended for
 treating furcations
 and very narrow spaces
 REF. F00367

H2R
 Right-oriented tip
 recommended
 for treating
 furcations and
 very narrow spaces
 REF. F00368

H3
 Treatment
 of anterior teeth
 REF. F00369

H4L
 Left-oriented tip
 recommended for
 treatments of all
 surfaces and furcations
 REF. F00114

H4R
 Right-oriented tip
 recommended for
 treatments
 of all surfaces and
 furcations
 REF. F00115



P2L
 Left-oriented tip for
 maintenance and
 debridement of fine
 periodontium
 REF. F00090

P2R
 Right-oriented tip for
 maintenance and
 debridement of fine
 periodontium
 REF. F00091

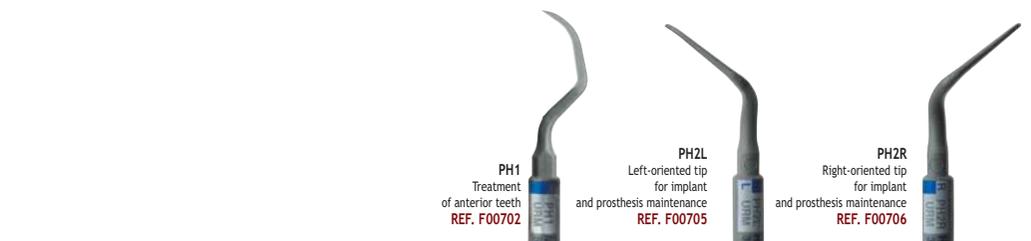


TK1 - 1S
 Examining shallow to
 moderate pockets
 (<4mm)
 REF. F01001

TK1 - 1L
 Examining moderate to
 deep pockets
 (>4mm)
 REF. F01004

TK2 - 1L
 Left-oriented tip
 for maintenance
 of moderate
 to deep pockets
 and furcations
 REF. F02162

TK2 - 1R
 Right-oriented tip for
 maintenance
 of moderate
 to deep pockets
 and furcations
 REF. F02163



PH1
 Treatment
 of anterior teeth
 REF. F00702

PH2L
 Left-oriented tip
 for implant
 and prosthesis maintenance
 REF. F00705

PH2R
 Right-oriented tip
 for implant
 and prosthesis maintenance
 REF. F00706

Non-Surgical Endo, the Confident Way



EndoSuccess™ Kit
 Tips # ET18D, ET20, ET25, ET25S, ETBD, ETPR, stainless steel tips holder, universal metal wrench (all accessories are autoclavable)
 REF : F00737

The EndoSuccess™ kit addresses the problems the most commonly met during endodontic retreatment procedures.

The use of the patented Titanium-Niobium alloy is a major innovation, giving optimal ultrasound use in the most delicate circumstances.

At the end of the treatment or the retreatment, cleaning of the root canal is essential to guaranty the success. Passive ultrasonic irrigation performed with the new IrriSafe™ instruments, safely remove the smear layer, the dentine debris and the bacteria from the root canal.



ET 18 D
 Removing dental overhangs
 REF. F88017

ET 20
 Removing root canal fillings, broken instruments in the coronal third
 REF. F88011

ET 25
 For eliminating broken instruments and silver points in the medium and apical thirds
 REF. F88018

ET 25S
 Retreatment in the coronal third
 REF. F88021

ET BD
 Locate canals and explore the floor of the pulp chamber
 REF. F88020

ET PR
 Loosening root canal retention pins
 REF. F88019

ET 20D
 Removing very hard materials when -brushing- the parietal walls
 REF. F88013

ET 40
 Quickly removes obstructions and broken Instruments
 REF. F88012

ET 40D
 Retreatments of extremely hard materials
 REF. F88014

ET 25L
 Retreatment in the apical third of long and straight canals
 REF. F88022

S04
 Condenser
 REF. F88009

IRR 20/21mm
 Removal of the smear layer, debris and bacteria. Ultrasonic Passive Irrigation
 REF. F43807 (x4)

K 15/25 mm
 Ultrasonic K-file
 REF. F43717 (x4)



Precise Prosthetic Limit Preparation



PerfectMargin™ Shoulder Kit
Tips # PMS1, PMS2, PMS3, PM4, stainless steel tips holder, universal metal wrench (all accessories are autoclavable)
REF. : F00736



PerfectMargin™ Rounded Kit
Tips # PM1, PM2, PM3, PM4, stainless steel tips holder, universal metal wrench (all accessories are autoclavable)
REF. : F00738



PerfectMargin™ kit offers the possibility of gentle sulcus penetration to define the subgingival limits permanently.

Thanks to the selective cutting of the PerfectMargin tips' ultrasonic vibration, there is no bleeding and both the marginal gingival and biological width are protected.

Each instrument has a coating, designed specially to prepare selectively the dentine and the enamel, wherever the use of a diamond bur would prove to be delicate.

Penetration in the sulcus can be visualized and gauged thanks to the laser marking at 1 mm from the end of PM/PMS 1, 2 and 3 tips offering the guarantee of totally safe and precise treatment.



PMS1
Preparation of the dentine (shoulder shaping)
REF. F02254



PMS2
Preparation and finishing of the dentine (shoulder shaping)
REF. F02255



PMS3
Finishing and improvement of the surface (shoulder shaping)
REF. F02256



PM1
Preparation of the dentine (chamfer shape)
REF. F02250



PM2
Preparation and finishing of the dentine (chamfer shape)
REF. F02251



PM3
Finishing and improvement of the surface (chamfer shape)
REF. F02252



PM4
Preparation of inlay-core cavities, polishing of cones (conical)
REF. F02253



C20
Condensation of Inlay/Onlay
REF. F00113



5AE
Loosening of metal crowns and posts
REF. F00249

Minimally-Invasive Surgical Endodontics



EndoSuccess™ Apical Surgery Kit
 Tips # AS3D, AS6D, AS9D, ASLD, ASRD, stainless steel holder, universal metal wrench
 (all accessories are autoclavable)
 REF. : F00069

This new procedure for micro-apical surgery, called 3-6-9 concept, is exclusive to SATELEC® and follows the current trend towards minimally-invasive surgical techniques.

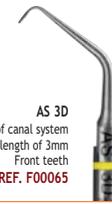
The kit consists of five instruments all designed to address different anatomical configurations.

Together with a new diamond coating that enhances the instruments' efficacy, these tips not only allow for more precise and better controlled retro endodontic treatment, but also conserve more bone and dental tissues.

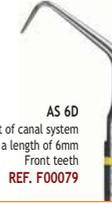
The root canal is preserved, even though the infection is treated at its origin in the canal system.



AS 3D
 Treatment of canal system over a length of 3mm
 Front teeth
 REF. F00065



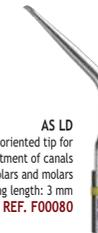
AS 6D
 Treatment of canal system over a length of 6mm
 Front teeth
 REF. F00079



AS 9D
 Treatment of canal system over a length of 9mm
 Front teeth
 REF. F00067



AS LD
 Left-oriented tip for treatment of canals of premolars and molars
 Working length: 3 mm
 REF. F00080



AS RD
 Right-oriented tip for treatment of canals of premolars and molars
 Working length: 3mm
 REF. F00081



P14D
 Preparing canals of anterior teeth
 REF. F00106



P15LD
 Left-oriented tip for preparing canals of premolars and molars
 REF. F00107



P15RD
 Right-oriented tip for preparing canals of premolars and molars
 REF. F00108



S12-70D
 Treatment of difficult-to-access canals
 REF. F00118



S12-90ND
 Treatment of roots of anterior teeth
 REF. F00125



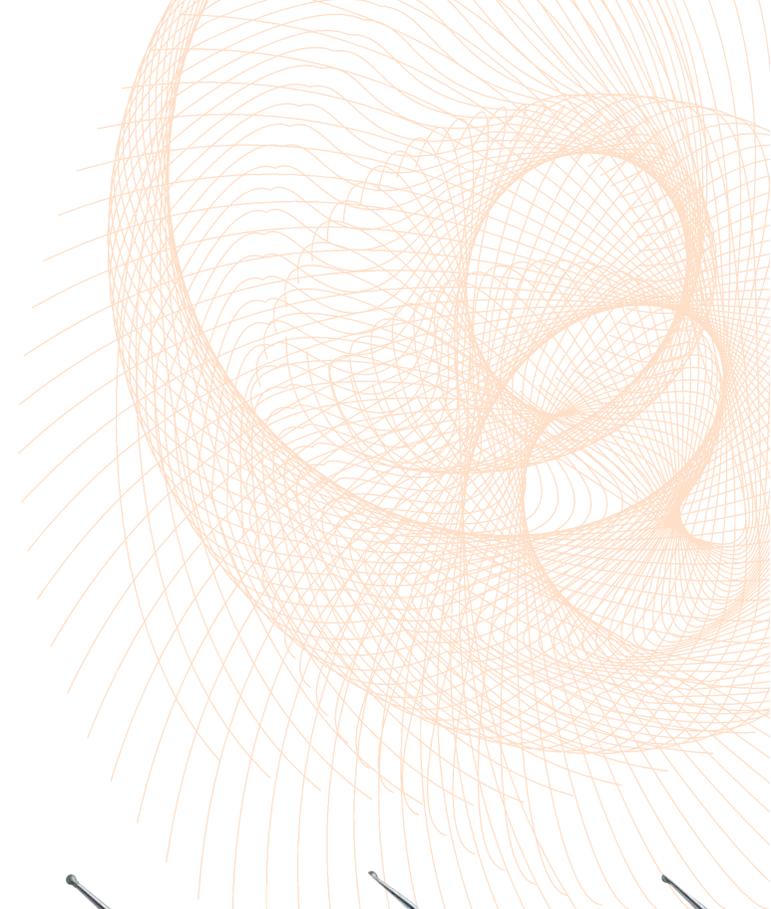
Tooth Preservation, Minimally-Invasive Dentistry



Excavus™ Kit
Tips # EX1, EX2, EX3, EXL, EXR,
stainless steel tips holder, universal
metal wrench
(all accessories are autoclavable)
REF. : F00739

The complete range of micro-ultrasonic Excavus™ tips is ideal for preparing mini-, proximal-cavities in the aesthetic areas. The preparation provides you with the requested surface for performing the latest protocols of adhesive dentistry.

The distinctive geometry of each tip guarantees its efficiency, even in the most difficult operating situations, while preserving the integrity of adjacent teeth and healthy structures, for improved patient satisfaction.



EX1
Preparation of the occlusal
surface and cervical margins
REF. F02040



EX2
Preparation of the proximal
surface without damaging
the adjacent tooth
REF. F02041



EX3
Preparation of the distal
surface without damaging
the adjacent tooth
REF. F02042



EXL
Set 45° to the left. Allows access
to the lesion without damaging
the adjacent tooth
REF. F02044



EXR
Set 45° to the right. Allows access
to the lesion without damaging
the adjacent tooth
REF. F02043



BRAND X TIPS MAY SEEM CHEAPER... IN THE END, THEY MAY COST YOU A LOT MORE



SATELEC has always designed tips that respect the tooth's anatomy and vibrate in perfect harmony with the handpiece.

We don't deny that a brand X tip can be cheaper to buy than a genuine SATELEC tip but we would remind you that only genuine SATELEC tips have been designed specifically for use with our generators, and we strongly recommend them. Furthermore, brand X tips can be harder than tooth enamel, which could cause undesired wear, or even etching, of the tooth's surface.

That's not all - you risk damaging the screw thread and electronics of your SATELEC handpiece. Last but certainly not least, even a slight physical or electronic incompatibility could cause a brand X tip to break... with a risk of ingestion by the patient.

Understandably, SATELEC's liability - both legal and with regard to warranty of parts and accessories - cannot be engaged for damages that arise from the use of any other than genuine SATELEC accessories.



Normal screw thread with SATELEC® tips



Worn screw thread with brand X tips



Broken screw thread with brand X tips



Autoclavable dynamometric wrenches, the colours correspond to the colour coding marking on the SATELEC ultrasonic tips



The Newtron® LED hand piece is fully autoclavable and provides with 360° 100 000 Lux illumination



Autoclavable boxes allow the sterilisation of 4 tips with their individual wrenches and one hand piece



The Newtron® hand piece features a removable nozzle for better cleaning and disinfecting and a titanium amplifier for enhanced power transmission and reliability