

*Ricerca e Selezione  
Qualità & Soluzioni  
per voi!*



**PERIODENT**

**TipOne**



# TIP BOOK

Multi-function ultrasonic tips for all applications

— 2021 —



*dal 1949 al servizio della comunità odontoiatrica ricerca e seleziona Qualità & Tecnologia per voi!*

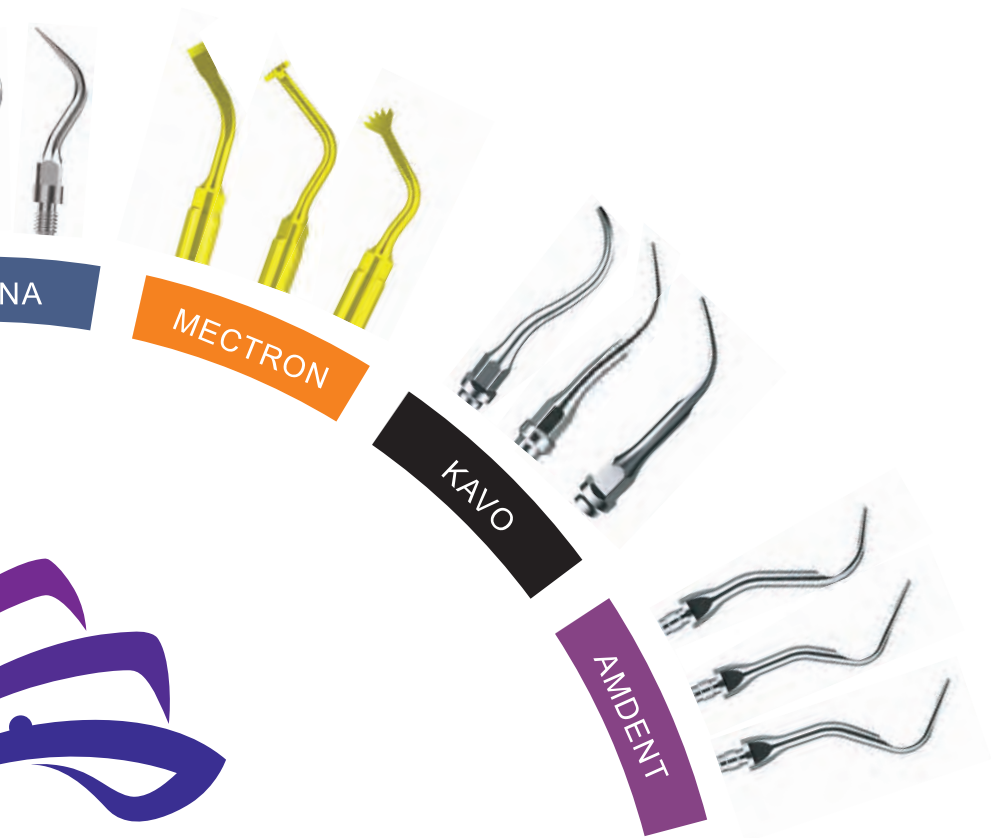
**[www.ilicdental.com](http://www.ilicdental.com)**



## Principle of Operation.

For piezo style tips, including all Xpedent tips except NSK and Kavo Soniflex compatible air scalers, power is generated by the ultrasonic vibration of piezoelectric crystals. This creates a sinusoidal motion with the greatest power (amplitude) at the end of the tip, a weaker area, then a stronger area in accordance with a sine wave. The effect of the tip is therefore very dependent upon the part of the tip in contact with the tooth. Contact between the side of the tooth in the second strong power band, 2- 3 mm from tip end creates the most effective action.

The ideal power setting will depend on the tip used and the condition of the area to be treated. Endo and Perio work have longer, thinner tips than scaling, so lower powers are appropriate. Always start with a low power and increase gradually to maximise effectiveness and minimise patient discomfort.



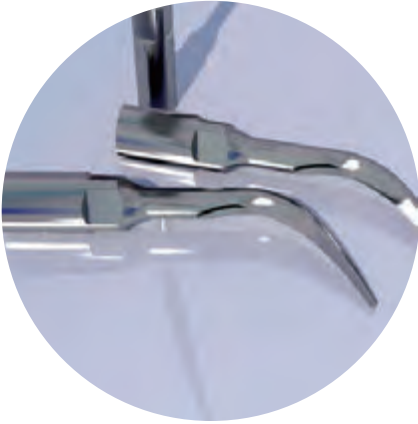
# PERIODONT

## pOne by Xpedent®

### Orientation and Application.

To create a combination of patient comfort and efficient scaling it is important to use the side of the tip at the second power band and at a very shallow angle to the tooth. Too great an angle will bring the point of the tooth into contact with the tip and lead to patient discomfort.

Unlike hand scaling, ultrasonic scaling requires only a very gentle touch to the tooth surface; the ultrasonics provide all the power so the dental practitioner only needs to guide the tip very gently around the area to be treated. The removal of hard deposits can be expedited by applying the end of the tip where the vibrations are strongest; this will cause calculus to break away from the tooth. Once this is done, resume gentle motions. Too much force, or over-use of the tip end will cause discomfort.



## SCALING

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Scaling is precise work. Proper instrument selection is essential to achieving complete periodontal cleaning. Our wide variety of tips give you the freedom to choose the exact instrument for the situation.



## PERIODONTICS

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Perio tips are thin and designed for root planing and maintenance to provide the best access to furcation and curved roots.





## ENDODONTICS

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Xpedent tips can be used in many areas in endodontics. They are excellent for the removal of posts, removing dentin in pulp chambers, finding and widening orifices, preparing canals, removing broken instruments and cleaning prepared canals.



## CAVITY PREPARATION

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These tips are diamond coated and can be used to prepare a cavity in the tooth before carrying out further dental work.



## SURGERY TIPS

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These tips are designed for a wide range of bone surgery applications, including sinus lifting and implantation procedures.

## EMS



## SATELEC



## NSK



## SIRONA



## MECTRON

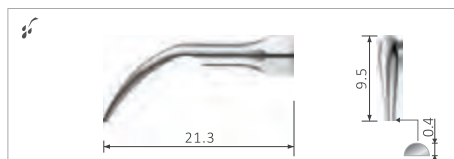


 diamond coated

 irrigation

Xpedent scaler tips are manufactured from special materials, and designed to be strong, flexible, resist corrosion and give a reasonable tip life. Manufactured using Japanese 7 axis CNC machines tips have about 30 additional process and inspections, ensuring correct function. Xpedent manufactures scaler tips for leading brands internationally and is the most professional 3rd party scaler tip manufacturer.

# SCALING



Used to remove light and medium supragingival calculus and bacterial plaque.

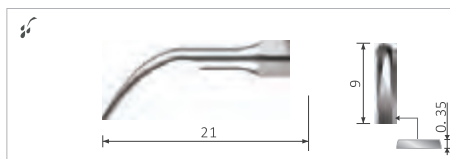
G1

GS1

GN1

GD1

GM1



Flat edge is used to remove heavy supragingival calculus.

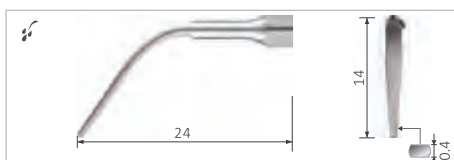
G2

GS2

GN2

GD2

7



Used to remove calculus and bacterial plaque from supragingival interdental areas.

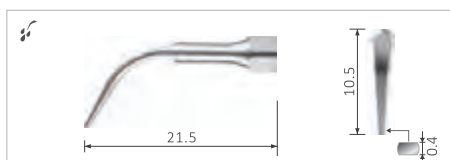
G3

GS3

GN3

GD3

GM3



Used to remove all supragingival calculus and bacterial plaque.

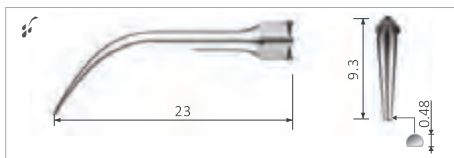
G4

GS4

GN4

GD4

GM4



Used to remove all supragingival calculus and bacterial plaque.

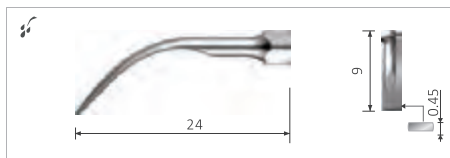
G5

GS5

GN5

GD5

GM5



Used to remove heavy supragingival calculus.

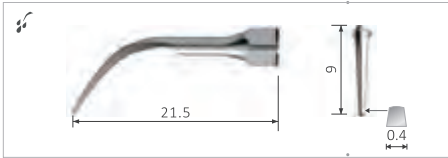
G6

GN6

GD6

GM6

# PERIODONTICS



Used to remove subgingival calculus.

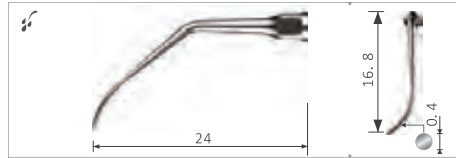
P1

PS1

PN1

PD1

PM1

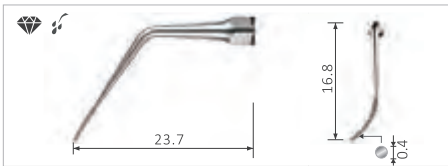


Curved to the left, for treating furcations, interdental calculus and very narrow spaces.

P2L

PN2L

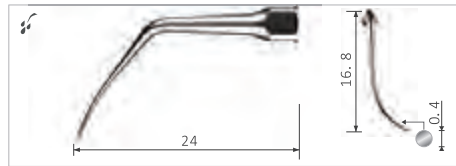
PD2L



Curved to the left, diamond coated, for treating furcations, interdental calculus and very narrow spaces.

P2LD

PD2LD



Curved to the right, for treating furcations, interdental calculus and very narrow spaces.

P2R

PN2R

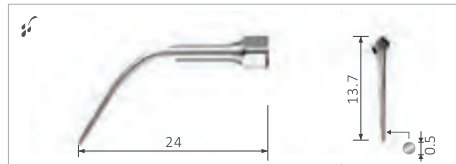
PD2R



Curved to the right, diamond coated, for treating furcations, interdental calculus and very narrow spaces.

P2RD

PD2RD



Used to remove subgingival calculus.

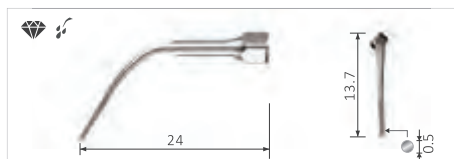
P3

PS3

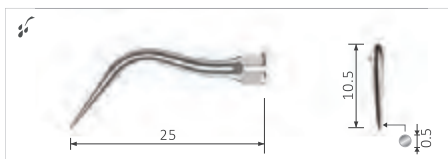
PN3

PD3

PM3



Diamond coated, used to smooth the surface of root during periodontal flap surgery.



Used to remove subgingival calculus.

P3D

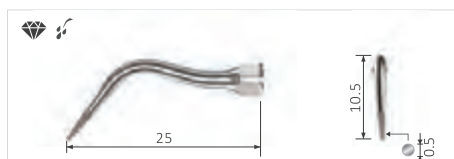
PD3D

P4

PD4

PS4

PN4



Diamond coated; a powerful tool for the removal of calcification, this tip can be used for widening calcified roots in the coronal third.

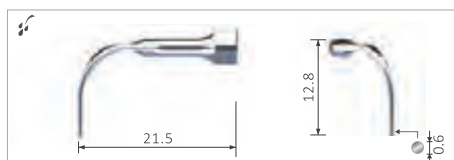


Used to remove subgingival calculus.

P4D

PD4D

P5



Curved to the left, used to remove subgingival calculus.



Curved to the right, used to remove subgingival calculus.

P6L

PD6L

P6R

PD6R

# ENDODONTICS



120° angle holder for U files with a shank diameter of 0.57mm, this tip is usually used for anterior root canal cleaning.

E1

ES1

EN1

ED1



95° angle holder for U files with a shank diameter of 0.57mm, this tip is usually used for molar root canal cleaning.

E2

ES2

EN2

ED2



With cooling spray disabled, this tip is used for lateral thermal condensation of gutta percha.

E3

EN3

ED3

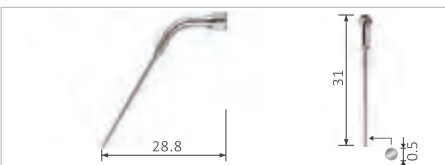


Diamond coated, used to remove calcification and bad filling material from pulp cavity and overhang pulp chamber.

E3D

EN3D

ED3D



Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals.

E4

ES4

EN4

ED4



Diamond coated, for retreatments or extremely hard materials.

E4D

EN4D

ED4D

**EMS****SAT****NSK**

Useful for quickly eliminating calculus and temporary cements.



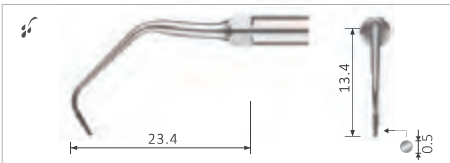
Diamond Coated, for enhanced cutting and abrasion. Especially useful for removing very hard materials on the canal wall.

**E5****EN5****ED5****E5D****EN5D****ED5D**

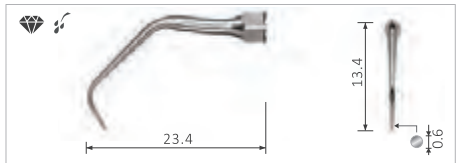
FG- bur holder used to expand the root canal and grind teeth.



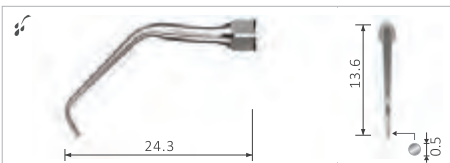
FG- bur holder used to expand the root canal and grind teeth.

**E8****EN8****ED8****E9****EN9****ED9**

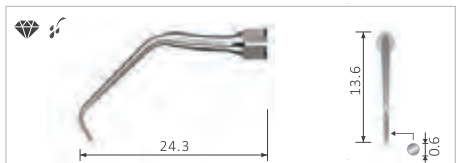
Used for gentle treatment of the root canal of anterior teeth.



Diamond coated, used for efficient apical polishing of anterior teeth.

**E10****EN10****ED10****E10D****EN10D****ED10D**

Used for gentle treatment in the root canal of anterior teeth.



Diamond Coated, with enhanced cutting and abrasive power; especially useful for removing very hard materials on the canal wall and lateral cutting.

**E11****EN11****ED11****E11D****EN11D****ED11D**

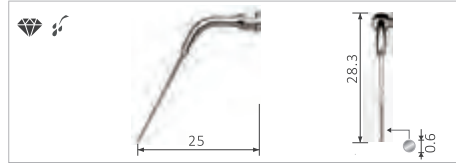




Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals.

E14

ED14



Diamond coated for retreatments or extremely hard materials.

E14D

ED14D



Useful for quickly eliminating calculus and temporary cements.

E15

ED15

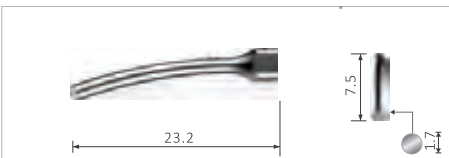


Diamond coated, for enhanced cutting and abrasion. Especially useful for removing very hard materials on the canal wall.

E15D

ED15D

## CROWN REMOVAL



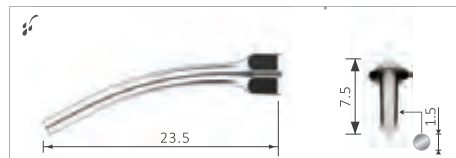
Used to remove bridges, crowns and posts by fracturing the cement.

G7

GD7

GS7

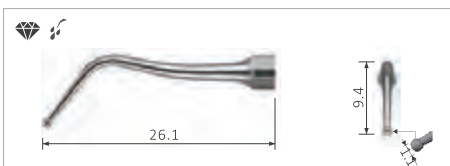
GN7



Used to remove bridges, crowns and posts by fracturing the cement.

G8

# CAVITY PREPARATION



Ball diamond tip, for preparation of occlusal surfaces and cervical ridges.

SB1

SBN1

SBD1

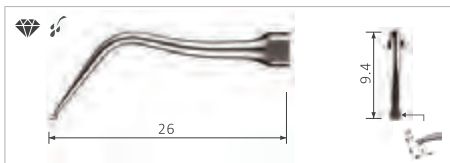


Semi-spherical diamond tip, for finishing cervical interproximal areas without causing lesions to adjacent teeth.

SB2

SBN2

SBD2

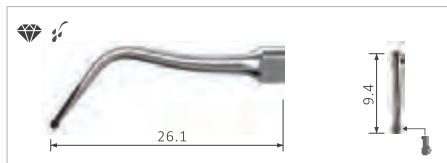


Semi-spherical diamond tip, for finishing cervical interproximal areas without causing lesions to adjacent teeth.

SB3

SBN3

SBD3

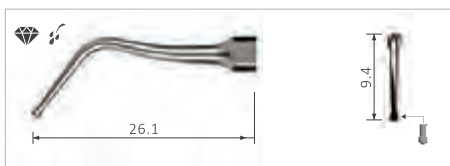


Semi-spherical diamond tip set 45° to the left. Allows the dentist to remove carious areas of a tooth without damaging the adjacent teeth.

SBL

SBNL

SBDL



Semi-spherical diamond tip set 45° to the right. Allows the dentist to remove carious areas of a tooth without damaging the adjacent teeth.

SBR

SBNR

SBDL

# IMPLANT CLEANING



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations.  
ICP SET contains 1 ICP WREN, 1 ICP and 2 peeks.

eICP SET

sirICP SET

nICP SET

sICP SET



10X

**Replacement.** PEEK tip pack of 10

ICPpeek

ICPpeek

ICPpeek

ICPpeek



Compatible tips for  
EMS scaler devices

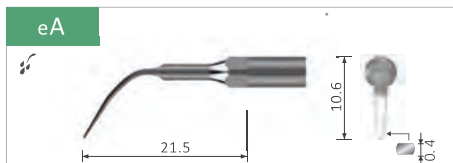
\*EMS@ is a registered trademarks of Electro Medical Systems SA



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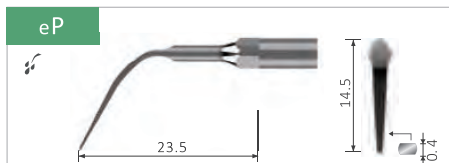
# SCALING & PERIODONTICS

eA



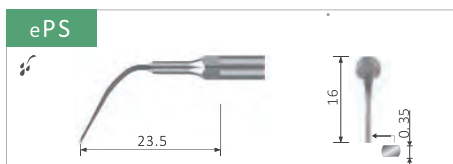
**Universal.** Accurate removal of solid supragingival calculus in all quadrants.

eP



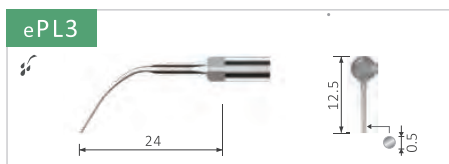
**Perio.** The P instrument is well suited for the precise removal of stubborn subgingival and supragingival calculus and concretions in all quadrants.

ePS



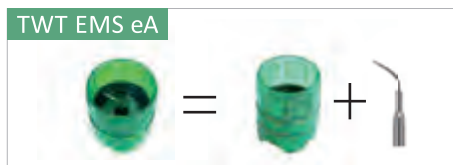
**PerioSlim.** The fast and minimally-invasive PS instrument is ideal for calculus removal in deep periodontal pockets in all quadrants.

ePL3



**Perio Cleaning.** For cleaning and disinfecting periodontal pockets, it is especially suitable for follow-up and recall visits for periodontal maintenance patients.

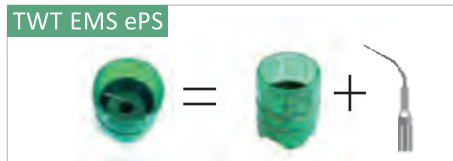
TWT EMS eA



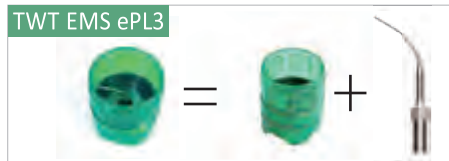
TWT EMS eP



TWT EMS ePS



TWT EMS ePL3



# IMPLANT CLEANING

## eICP SET



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations. eICP SET contains 1 ICP WREN, 1 eICP and 2 ICPpeeks.

## ICPpeek

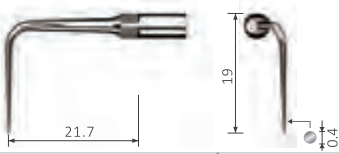


10X

**Replacement.** PEEK tip pack of 10

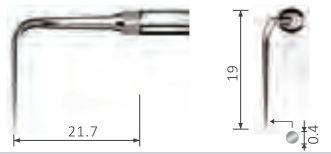
# TITANIUM PERIODONTICS

P50L



Curved to the left used for subgingival scaling, periodontal pocket probing and root planing.

P50R



Curved to the right used for subgingival scaling, periodontal pocket probing and root planing.

P52



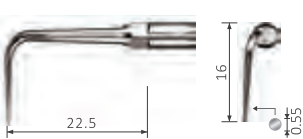
Used for subgingival scaling, periodontal pocket probing and root planing.

P53L



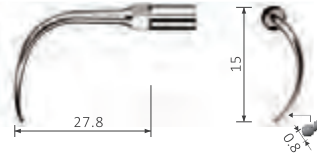
Curved to the left used for subgingival scaling, periodontal pocket probing and root planing.

P53R



Curved to the right used for subgingival scaling, periodontal pocket probing and root planing.

P54L



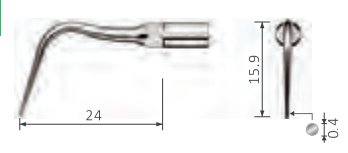
Curved to the left used for subgingival scaling, periodontal pocket probing and root planing.

P54R



Curved to the right used for subgingival scaling, periodontal pocket probing and root planing.

P59



Used for subgingival scaling, periodontal pocket probing and root planing.



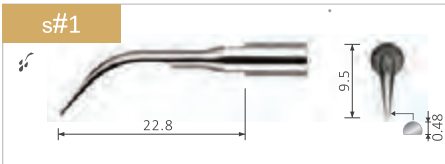
Compatible tips for  
SATELEC scaler devices

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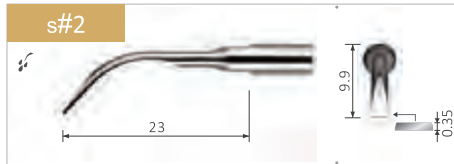
# SCALING

s#1



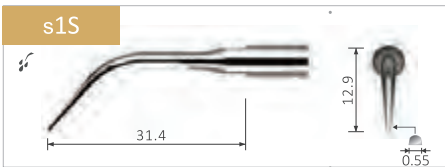
**Universal.** Simple supragingival scaling and tartar removal without damage to the enamel.

s#2



**Calculus.** Apply the flat part to the tooth to remove major calculus deposits

s1S



**Slim.** Supra and sub-gingival scaling. Particularly effective for interproximal spaces.

# IMPLANT CLEANING

sICP SET



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations. sICP SET contains 1 ICP WREN, 1 sICP and 2 peeks.

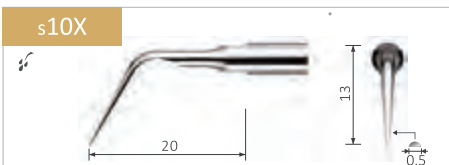
ICPpeek



**Replacement.** PEEK tip pack of 10

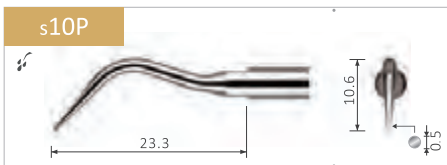
# PERIODONTICS

s10X



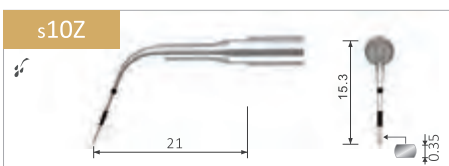
**Interproximal.** Its flat active part makes it suitable for the interproximal spaces and supra-gingival scaling. Its anatomical design enables fast and efficient use.

s10P



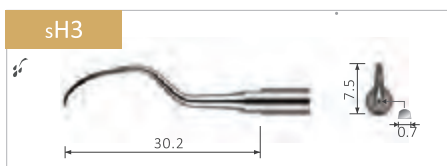
**Shallow.** Slim round instrument suitable for scaling shallow pockets less than 2-3mm deep.

s10Z



**Sub-Gingival.** Medium pockets (< 4mm). Removal of biofilm and soft deposits, enables observation of pocket depth using the 3mm scale.

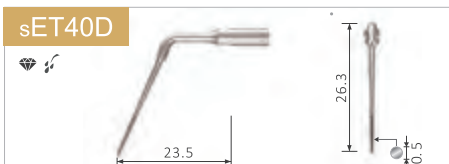
sH3



**Anterior periodontics.** Enables treatment of the incisor-canine block. The guide edge is oriented parallel to the pocket. Enables work in the periodontal pocket without injury to the ligament.

# ENDODONTIC

sET40D



**Diamond.** A diamond-coated steel tip for retreatment of very hard material in the middle third. Length 40mm, 30  $\mu$ m diamonds, taper 4%.

sH4L

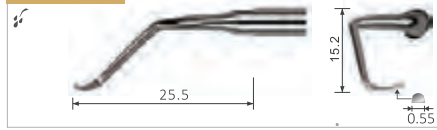


**Premolar and molar.** left-curve. First instrument for treating all the surfaces and the furcations.

**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.

sH4R



**Premolar and molar.** right-curve. second instrument, use after H4L.

**Maxillary:** palatine and mesial surfaces of sector 2, pivots at 13, then buccal and distal surfaces of sector 1.

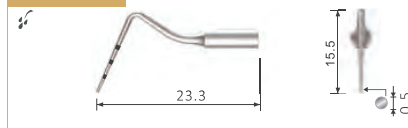
**Mandibular:** lingual and mesial surfaces of sector 4, pivots at 43, then buccal and distal surfaces of sector 3.

sTK1L



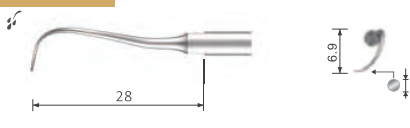
**Extended Probe.** Ideal for examining and maintenance of medium to deep pockets (> 4mm). A diagnosis aid used during the debridement and irrigation of pockets.

sTK1S



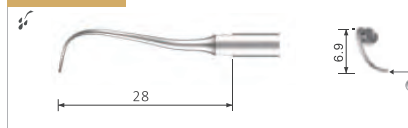
**Probe.** Recommended for examining shallow and medium pockets (< 4mm) and for the maintenance of simple cases. sTK1S tip is graduated every 3mm.

sTK2L



**Left-Oriented Maintenance.** Recommended for the maintenance of moderate to deep pockets and furcations. Equivalent to the Nabers probe.

sTK2R



**Right-Oriented Maintenance.** Partner to the sTK2L. Recommended for the maintenance of moderate to deep pockets and furcations. Equivalent to the Nabers probe.



Compatible tips for  
NSK scaler devices

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# AIR SCALING

nS1



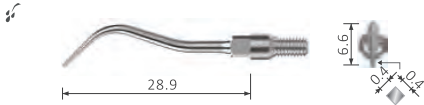
**Universal.** Removal of marginal-gingival and supra-gingival calculus.

nS2



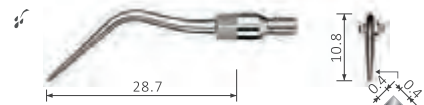
**Perio.** Removal of supra-gingival calculus.

nS3



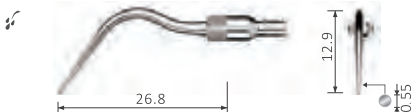
**Sickle.** Removal of supra-gingival calculus.

NK4



**Universal slim tip.**

NK5



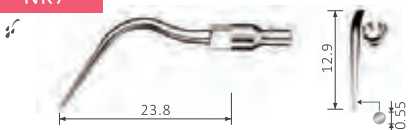
**A root cleaning tip, straight application.**

NK6



**A root cleaning tip, with a left curve.**

NK7



**A root cleaning tip, with a right curve.**

# IMPLANT CLEANING

## nSICP SET



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations. nSICP SET contains 1 ICP WREN, 1 nSICP and 2 peeks.

## ICPpeek



10X

**Replacement.** PEEK tip pack of 10



Compatible tips for  
SIRONA scaler devices

# SCALING

sr1L



**General.** A flat tipped instrument for initial lingual and buccal scaling.

sr2L



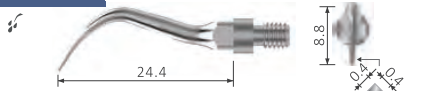
**Versatile.** A versatile instrument used for lingual, buccal and approximal scaling.

sr3L



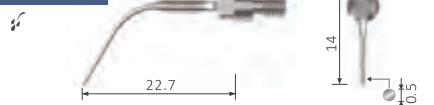
**Interdental.** A universal instrument which can be used for subgingival scaling at interdental sites.

sr4L



**Universal.** A fine instrument, ideal for supragingival and subgingival tooth surfaces and interdental areas.

srPE1



**Perio :** For rinsing and root cleaning in deep gum pockets

srPE2



**Perio :** Curved to the right - for root cleaning in deep gum pockets in the posterior region

srPE3



**Perio :** Curved to the left - for root cleaning in deep gum pockets in the posterior region



# IMPLANT CLEANING

## sirICP SET



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations.  
sirICP SET contains 1 ICP WREN, 1 sirICP and 2 peeks.

## ICPpeek



10X

**Replacement.** PEEK tip pack of 10



Compatible tips for  
KAVO scaler devices

# SONICflex

k#5



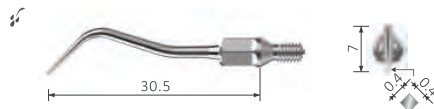
**General.** For calculus removal from all tooth surfaces.

k#6



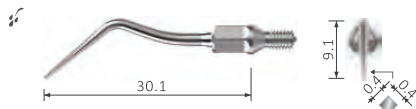
**Fine.** Fine instrument for smaller areas and those which are difficult to access.

k#7



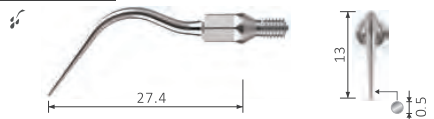
**Subgingival.** Instrument used for subgingival scaling.

k#8



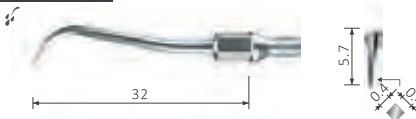
**Subgingival.** For the removal of subgingival calculus.

k#60



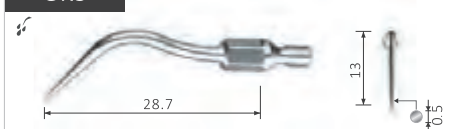
A long straight tip with rounded surfaces, the k#60 is used for gentle pocket cleansing during periodontal treatment. It is effective cleansing in pockets up to 9 mm deep. It is used in the anterior region, smooth surfaces.

GK2



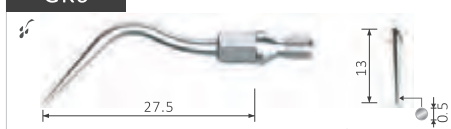
Used for supragingival, subgingival and interdental calculus removal.

## GK5



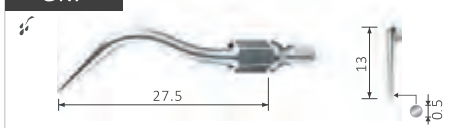
Used for supragingival, subgingival and interdental calculus removal.

## GK6



Used for supragingival, subgingival and interdental calculus removal.

## GK7



Used for supragingival, subgingival and interdental calculus removal.

## EK8



FG- bur holder, used to expand the root canal.

# IMPLANT CLEANING

## kICP SET



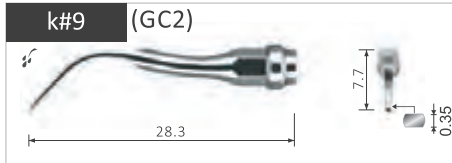
**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations.  
kICP SET contains 1 ICP WREN, 1 kICP and 2 peeks.

## ICPpeek



**Replacement.** PEEK tip pack of 10

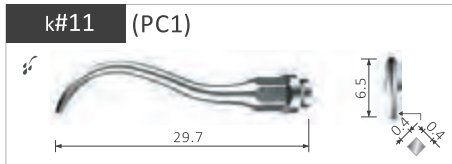
# PIEZOlux & SONOsoft



Used to remove calculus and bacterial plaque from supragingival interdental calculus.



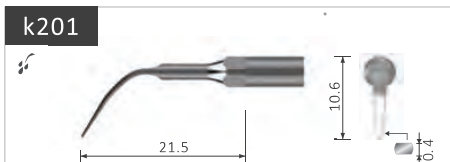
Used to remove calculus and bacterial plaque from supragingival interdental calculus.



Used to remove subgingival calculus.

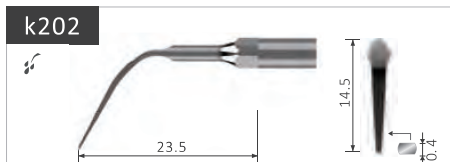
# PiezoLED & PIEZOsoft

k201



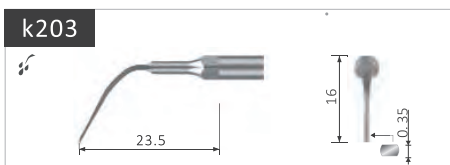
**Universal.** Accurate removal of solid supragingival calculus in all quadrants.

k202



**Perio.** The P instrument is well suited for the precise removal of stubborn subgingival and supragingival calculus and concretions in all quadrants.

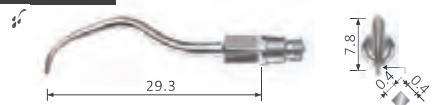
k203



**PerioSlim.** The fast and minimally-invasive PS instrument is ideal for calculus removal in deep periodontal pockets in all quadrants.

# SONICflex quick 2008

k5A



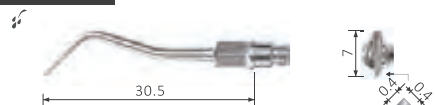
**General.** For calculus removal from all tooth surfaces.

k6A



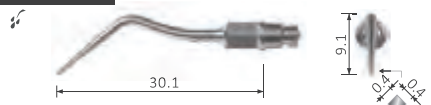
**Fine.** Fine instrument for smaller areas and those which are difficult to access.

k7A



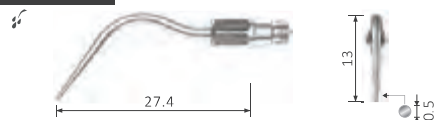
**Subgingival.** Instrument used for subgingival scaling.

k8A



**Subgingival.** For the removal of subgingival calculus.

k60A



A long straight tip with rounded surfaces, the k#60 is used for gentle pocket cleansing during periodontal treatment. It is effective cleansing in pockets up to 9 mm deep. It is used in the anterior region, smooth surfaces.

GK5A



Used for supragingival, subgingival and interdental calculus removal.

# IMPLANT CLEANING

## KICPA SET



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations. KICPA SET contains 1 ICP WREN, 1 KICPA and 2 peeks.

## ICP peek



10X

**Replacement.** PEEK tip pack of 10



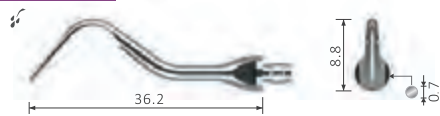


## Compatible tips for AMDENT scaler devices

\* KAVO® is a registered trademark of KaVo Dental Corporation  
SONICREX® is a trademark of the company KaVo Dental Corporation

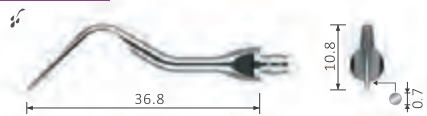
# SCALING

a#37



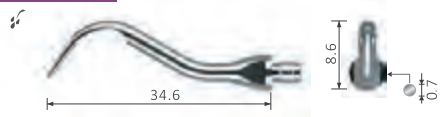
Universal tip for subgingival scaling, furcations, supragingival fine scaling and spot removal.

a#38



Primarily for lingual and buccal subgingival scaling and furcations. Also used for supragingival fine scaling and spot removal.

a#39



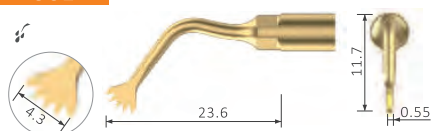
Universal tip, can be used for lingual and buccal supragingival scaling.



Compatible tips for  
MECTRON Surgery devices

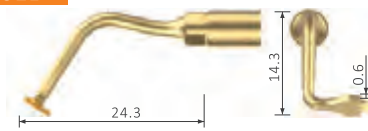
# BONE CUTTING

**US1**



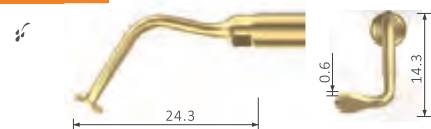
**Bone Saw.** Osteotomy of large bone sections during maxillofacial surgery.

**US1L**



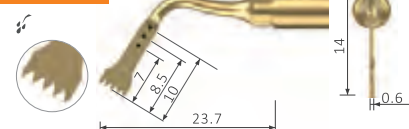
**Angled Micro-Saw 0.6mm.** All the osteotomy techniques in maxilla and mandible; bone block grafting, horizontal osteotomy - left angle.

**US1R**



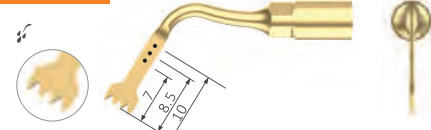
**Angled Micro-Saw 0.6mm.** All the osteotomy techniques in maxilla and mandible; bone block grafting, horizontal osteotomy - right angle.

**US2**



**Precision Saw.** Used for cutting bone, with great precision and efficiency. Five sharp teeth.

**US2-2**



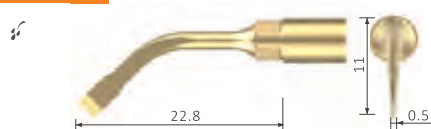
**Precision Saw.** Used for cutting bone, with great precision and efficiency. Four sharp teeth.

**US2B**



**Saw Tooth.** Used for cutting bone, with great precision and efficiency.

**US3**



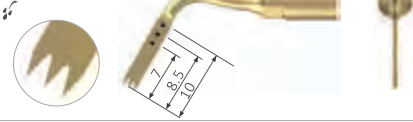
**Basic Scalpel.** Osteotomy of great precision in anatomically thin structures (for example ridge expansion, interdental corticotomies, nontraumatic nasal spina).

**US4**



**Osteoplasty Scalpel.** Universal osteoplasty, periodontal osteotomy, crown lengthening, bone chip harvesting, inflammatory tissue removal (cysts, etc.).

**US6**



**Special Micro-Saw (3 teeth).** Very thin and small osteotomy and corticotomy technique for orthodontic microsurgery, root fraction technique for dental extraction maneuver.

**OT4**



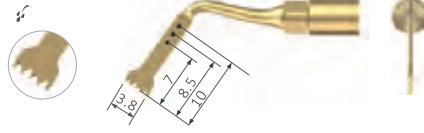
**Implant Site Preparation.** To correct pilot osteotomy axis, to finalize the implant site preparation close to the alveolar nerve; sinus crestal approach techniques.

**OT5**



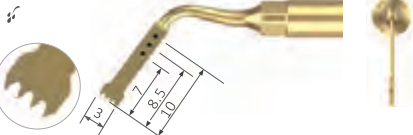
**Osteotomy & Osteoplasty.** Osteotome of great precision in anatomically thin structures (for example ridge expansion, interdental corticotomies, nontraumatic nasal spina).

**OT7**



**Princial Micro-Saw 0.55mm.** Osteotomy technique in maxilla and mandible, ridge expansion, corticotomy technique, and bone block grafting.

**OT7S-4**



**Special Micro-Saw 0.35 (4 Teeth).** very thin osteotomy, corticotomy for orthodontic microsurgery techniques, root separation in dental extraction techniques and periodontal surgery.

**OT7-20**



**Efficient Osteotomy.** Ridge expansion, bone block grafting (from chin/mandible ramus), LeFort I osteotomy techniques, bilateral sagittal split osteotomy.

**OP6**



**Micro-Root Preparation.** Used for root preparation in periodontal surgery.

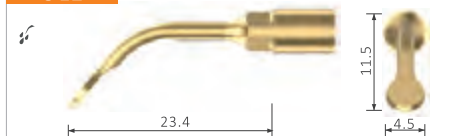
**OP7**



**Micro-Osteoplasty.** Used for peri-apical maxillary bone osteotomy access, the removal of inflammatory tissue.

# SINUS LIFTING

**UL1**



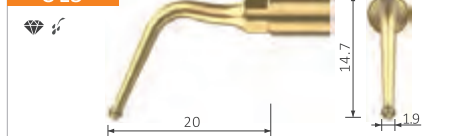
**Sinus Membrane Separator Angled at 130°.**  
Non-cutting separator of the sinus membrane.

**UL2**



**Sinus Membrane Separator.** Separation of the sinus membrane, 2mm around the frame of the bony window.

**UL3**



**Sensitive Bone Cutting.** Used for bone cutting near soft tissue or sensitive regions with minimal trauma. Ball end tip, diamond coated.

**UL4**



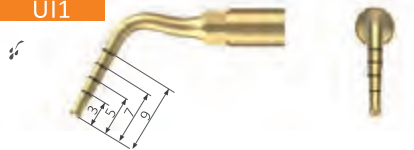
**Sinus Bony window Osteotomy.** Periodntal osteotomy, crown lengthening, bone chip harvesting, inflammatory tissue removal (cysts, etc.).

**UL5**

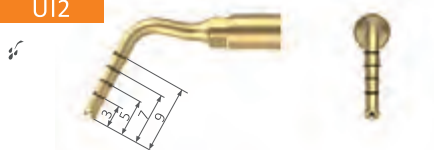


**Sinus Membrane Separator Angled at 105°.**  
Non-cutting separator of the sinus membrane.

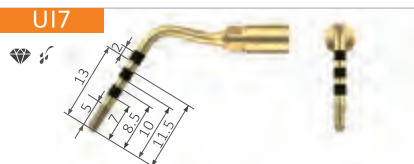
# IMPLANTATION

**UI1**


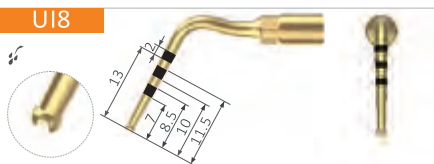
**1.6 mm Enlargement.** Used to enlarge implantation area avoiding soft tissue trauma.

**UI2**


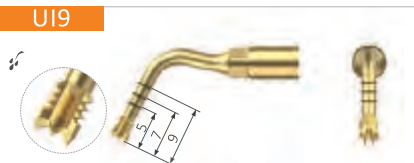
**2.0 mm Enlargement.** Used to enlarge implantation area avoiding soft tissue trauma.

**UI7**


**Fine Preparation.** Used for final preparation of bone implant sites.

**UI8**


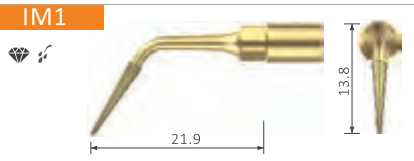
**Preparation.** For implantation, larger Maximum 1.6mm.

**UI9**


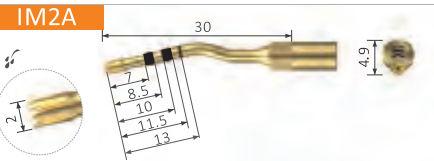
**Implant Preparation.** 2.8 mm Cutting head.

**UI9B**


**Deep Preparation.** 2.8 mm Cutting head.

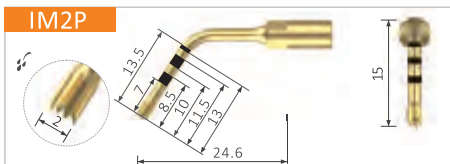
**IM1**


**Initial pilot osteotomy.** Check the preparation axis with alignment PIN IM 1.

**IM2A**


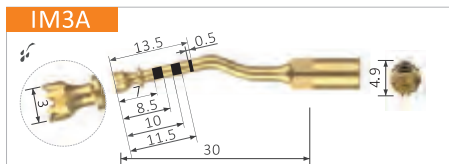
**Bone Perforation.** Pilot osteotomy in anterior region (in the maxilla).

## IM2P



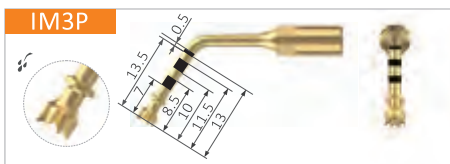
**Bone Perforation.** Pilot osteotomy in posterior region (in the maxilla).

## IM3A



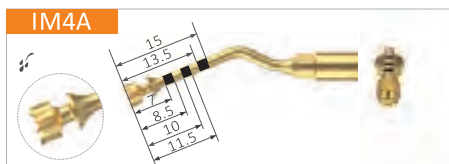
**Bone Perforation.** To enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).

## IM3P



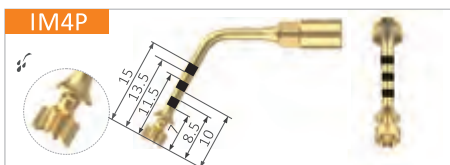
**Bone Perforation.** To enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).

## IM4A



**Bone Perforation.** To finalize the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).

## IM4P



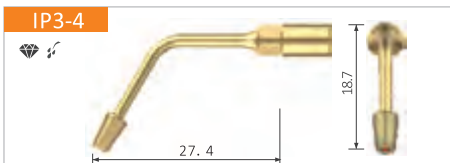
**Bone Perforation.** To finalize the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).

## IP2-3



**Pilot Implant Site Preparation.** To optimize concentricity of implant site preparation between  $\varnothing 2$  and  $\varnothing 3$  mm.

## IP3-4

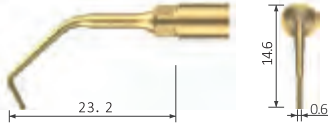


**Micrometric Osteotomy.** To optimize concentricity of implant site preparation between  $\varnothing 3$  and  $\varnothing 4$  mm.



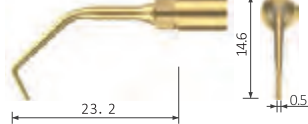
# ENDODONTIC

**UE1**



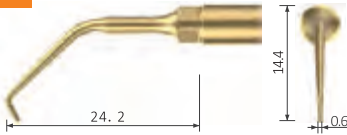
**Efficient Canal Cleaning.** Apical root debridement.

**UE2**



**Gentle Canal Cleaning.** Gentle apical root debridement.

**UE3**



**Efficient Canal Cleaning.** Apical root debridement.

**UE4**



**Gentle Canal Cleaning.** Gentle apical root debridement.

# IMPLANT CLEANING

**mICP SET**



**Implant Cleaning.** PEEK tip for safe and gentle cleaning of implants and restorations. mICP SET contains 1 ICP WREN, 1 mICP and 2 peeks.

**ICPpeek**

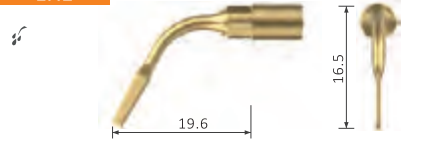


10X

**Replacement.** PEEK tip pack of 10

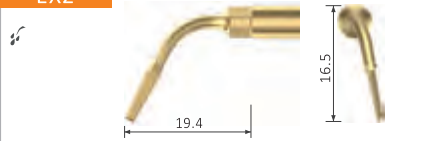
# EXTRACTION

**EX1**



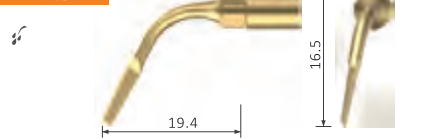
**Extraction Scalpel.** Root osteoplasty to cut off the ankylosis, root fraction techniques.

**EX2**



**Angled Extraction Scalpel.** Root osteoplasty in the posterior regions.

**EX3**



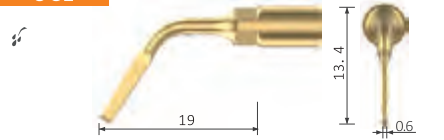
**Angled Micro-Saw 0.6mm.** Root osteoplasty in the posterior regions.

**XM-NINJA**



**Tooth Sectioning.** Saw-tooth tip particularly efficient for hemisections and root amputations.

**UC1**



**Extraction Scalpel.** Root osteoplasty to cut off the ankylosis, root fraction techniques.

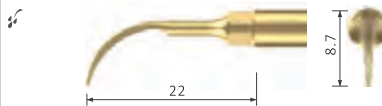
# SCALING

UP1



**Gentle Scaling.** Root scaling.

UP2



**Periodontal Scaler.** Scaling and inflammatory tissue removal fractured root apex extraction.

UP3



**Angled Curette.** Angled curette root scaling.

UP4



**Scaling and Microdebridement.** Root debridement and root planing during resective and regenerative periodontal surgery.

UP5



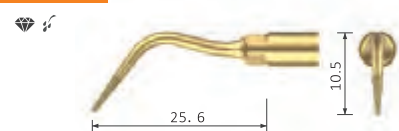
**Root Surface Micro-Smoothing.** Root planing.

UP6



**Micro-Root Preparation.** Root preparation in periodontal surgery.

UP7



**Micro-Osteoplasty.** Interproximal osteoplasty and root planing.



Compatible tips for  
EMS Surgery devices

# BONE SURGERY

E-BS1



**Cortical Bone Saw.** Saw intended for cutting of cortical bone in surgical orthodontics, pre-implant surgery, and bone distraction.

E-BS2L



**Left Cortical Bone Saw.** Left-oriented bone saw used for cutting the ramus cortical bone.

E-BS2R



**Right Cortical Bone Saw.** Right-oriented bone saw used for cutting the ramus cortical bone.

E-BS4



**Circular Scalpel.** Circular scalpel at 130° for osteoplasty and harvesting of bone particles or chips.

E-BS5



**Flat Scalpel.** Flat scalpel for fine osteotomies distraction, preparation of buccal bone flap.

E-BS6



**Curved Scalpel.** Effective for substantial osseous reshaping. It is used to perform osteoplasties and reshaping of the bone not assuring the tooth support. It can also be used to mark a prosthetic reference point on enamel, where osteoplasty will begin.

E-BS6F



**Special Micro-Saw.** Osteotomy technique in maxilla and mandible, ridge expansion, corticotomy technique and bone block grafting.

# SINUS LIFTING

E-SL1



**Sinus Bone Window Osteotomy.** Diamond-coated tip for vestibular bone window cut and attenuation of sharp angles.

E-SL2



**Micrometric Osteoplasty.** Diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty.

E-SL3



**Sinus Membrane Separator.** Non-cutting tip served for schneiderian membrane elevation on the window's edges.

E-SL4



**Sinus Membrane Elevator.** Non-cutting spatula served for schneiderian membrane elevation the sinus.

E-SL5



**Non-Cutting Spatula.** Non-cutting spatula used for schneiderian membrane elevation inside the sinus and for disengagement of anatomical structures.

# EXTRACTION

E-LC1



**Root Osteoplasty.** Used for syndesmotomy and periradicular osteotomy.

E-LC1/90



**Extraction Scalpel.** Used for cutting ligaments with minimal trauma when pulling out firm and solid teeth.

E-LC2



**Slim Scalpel.** Slim tip, particularly slim, allows for access to the tight spaces between the root and the alveolar bone.

E-LC2L



**Angled Scalpel.** Left-oriented at 45°, tip facilitates access to the posterior areas.

E-LC2R



**Angled Scalpel.** Right-oriented at 45° tip facilitates access to the posterior areas.

E-Pirahna



**Root Amputator.** Saw-tooth tip particularly efficient for hemisections, root amputations.



Compatible tips for  
SATELEC SURGERY devices



# BONE SURGERY

BS1

V-BS1



**Cortical Bone Saw.** Saw intended for cutting of cortical bone in surgical orthodontics, pre-implant surgery, and bone distraction.

BS2L

V-BS2L



**Left Cortical Bone Saw.** Left-oriented bone saw used for cutting the ramus cortical bone.

BS2R

V-BS2R



**Right Cortical Bone Saw.** Right-oriented bone saw used for cutting the ramus cortical bone.

BS4

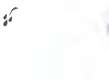
V-BS4



**Circular Scalpel.** Circular scalpel at 130° for osteoplasty and harvesting of bone particles or chips.

BS5

V-BS5



**Flat Scalpel.** Flat scalpel for fine osteotomies and preparation of buccal bone flap.

BS6

V-BS6



**Curved Scalpel.** Effective for substantial osseous reshaping. It is used to perform osteoplasties and reshaping of the bone not assuring the tooth support. It can also be used to mark a prosthetic reference point on enamel, where osteoplasty will begin.

# IMPLANTATION

XS-IM1

V-IM1



**Bone Perforation.** Used for pilot osteotomy in the anterior region (in the maxilla). Change the Mectron IM1 to be the same.

\*Piezotome® are registered trademarks of SATELEC SAS (ACTEON group).

XS-IM2A

V-IM2A



Used for pilot osteotomy in anterior region (in the maxilla).

XS-IM3A

V-IM3A



**Bone Perforation.** To enlarge or to finalize the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).

## SINUS LIFTING

SL1

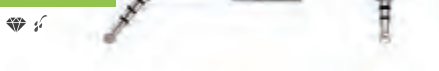
V-SL1



**Sinus Bone Window Osteotomy.** Diamond-coated tip for vestibular bone window cut and attenuation of sharp angles.

SL2

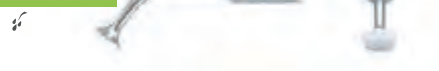
V-SL2



**Micrometric Osteoplasty.** Diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty.

SL3

V-SL3



**Sinus Membrane Separator.** Non-cutting tip served for schneiderian membrane elevation on the window's edges.

SL4

V-SL4



**Sinus Membrane Elevator.** Non-cutting spatula served for schneiderian membrane elevation the sinus.

SL5

V-SL5



**Non-Cutting Spatula.** Non-cutting spatula used for schneiderian membrane elevation inside the sinus and for disengagement of anatomical structures.

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# EXTRACTION

LC1

V-LC1



**Root Osteoplasty.** Used for syndesmotomy and periradicular osteotomy.

LC1/90

V-LC1/90



**Extraction Scalpel.** Used for cutting ligaments with minimal trauma when pulling out firm and solid teeth.

LC2

V-LC2



**Slim Scalpel.** Slim tip, particularly slim, allows for access to the tight spaces between the root and the alveolar bone.

LC2L

V-LC2L



**Angled Scalpel.** Left-oriented at 45°, tip facilitates access to the posterior areas.

LC2R

V-LC2R



**Angled Scalpel.** Right-oriented at 45°, tip facilitates access to the posterior areas.

Pirahna

V-Pirahna



**Root Amputator.** Saw-tooth tip particularly efficient for hemisections and root amputations.

# TORQUE WRENCH

**TW EMS P**



**EMS®**  
Plastic Torque Wrench

**TW SAT P**



**Satelec®**  
Plastic Torque Wrench

**TW NSK P**



**NSK®**  
Plastic Torque Wrench

**TW SIR P**



**Sirona®**  
Plastic Torque Wrench

**TW MEC M**



**Mectron®**  
For all MECTRON tips

**TW KAV Q**



**KaVo®**  
Torque wrench for SONICFLEX  
For both older and new hand pieces

**TW KAV M**



**KaVo®**  
Torque wrench for KAVO  
PiezoLED & PIEZOsoft

**W AMD**



**Amdent Wrench**

**W ENDO**



**Endo Wrench**

**ICP WREN**



This wrench is for  
Amdent tips. It also  
works with Endo tips.

# U-FILES(32mm)

## UF-SET/32



U-Files (32mm)  
This set contains 1 piece each of UF-15/32, UF-20/32, UF-25/32, and UF-30/32

### UF-15/32



ø0.15mm  
10pieces/box

### UF-20/32



ø0.2mm  
10pieces/box

### UF-25/32



ø0.25mm  
10pieces/box

### UF-30/32



ø0.3mm  
10pieces/box

# TIP HOLDER

## TH WC



Tip Holder With Cover

## TH



Tip Holder

# AUTOCLAVE BOX

AC BOX



AC BOX e1



AC BOX s1



# SCALER HANDPIECE

HP EMS



EMS Compatible  
NO-LED Handpiece

HP SAT



SATELEC Compatible  
NO-LED Handpiece

HP EMS LED



EMS Compatible  
LED Handpiece

HP SAT LED



SATELEC Compatible  
LED Handpiece

HP EMS LEDp



EMS Compatible  
LED Handpiece

HP SAT LEDp

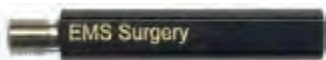


SATELEC Compatible  
LED Handpiece

Xpudent hand-pieces are manufactured from Aluminium; they are therefore able to withstand autoclaving without the exterior cracking problems often associated with plastic hand-pieces. They are compatible with all our machines and with EMS and Satelec machines too. LED hand-pieces have a different connection from non-LED.

# Thread checkers

TC-1



EMS Surgery

TC-2



EMS  
MECTRON  
KAVO - PIEZOlux / SONOsoft  
SATELEC  
NSK

TC-3



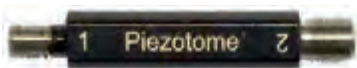
KAVO - SONICflex  
NSK - Air  
KAVO - SONICflex quick

TC-4



MECTRON Surgery  
KAVO PIEZOsoft / PiezoLED

TC-5



SATELEC - Piezotome 1  
SATELEC - Piezotome 2

TC-6



SIRONA  
AMDENT

DEMO01



DEMO1S



The tip wallet is made from black anodised aluminium. It is designed to show the recommended range; the bottom row has been left empty so any additional tips can be added. They are recommended for both use at dental shows and by travelling sales staff.



# WALLET

## DEMO3



60

our tip range to best advantage. The standard wallet contains our  
 os can be added. Wallets can be customised for private label or OEM use.  
 aff.

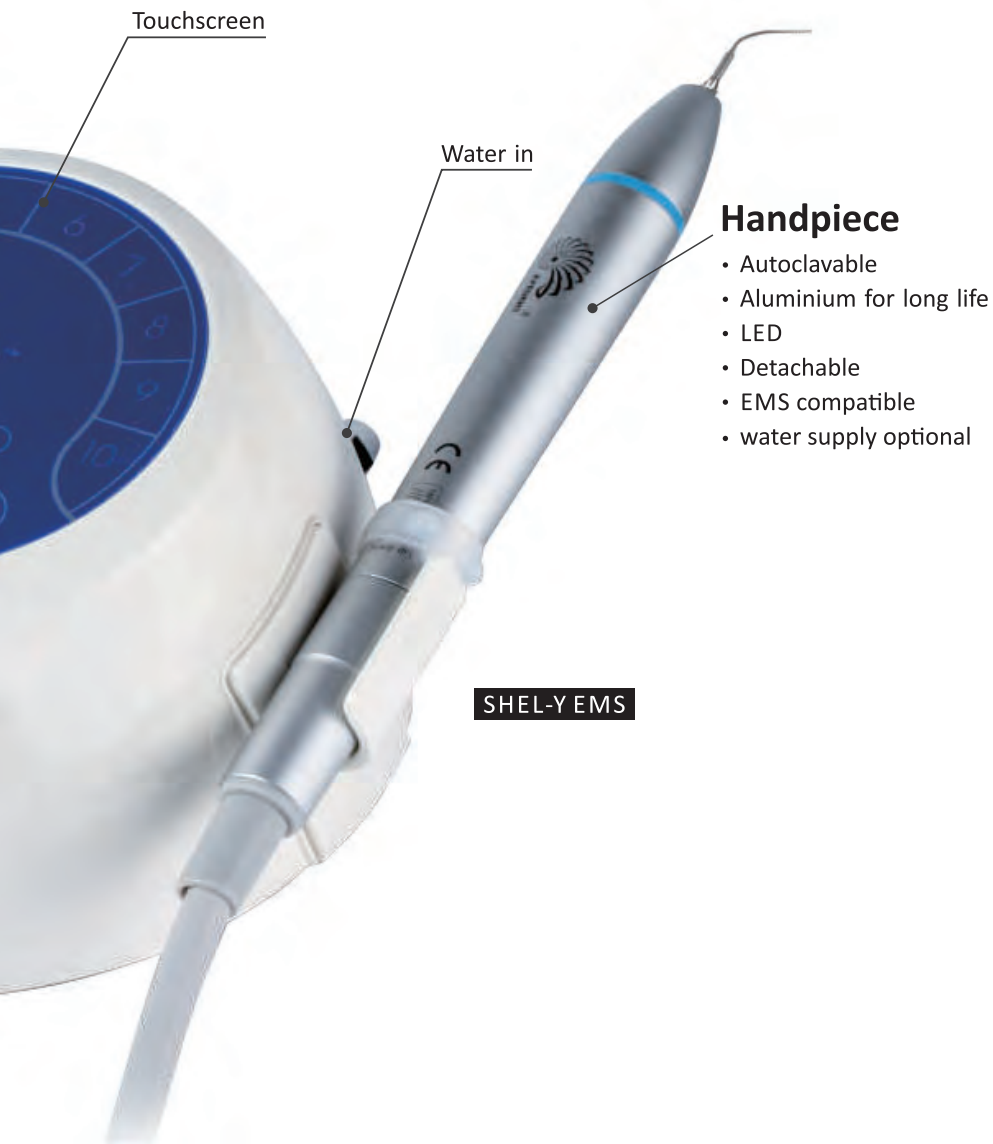
# Shel-Y(f



5 Tips



# for EMS )



# Shel-Y(for



Torque wrench

Tip holder

Spare O-rings



Pedal

100-240V

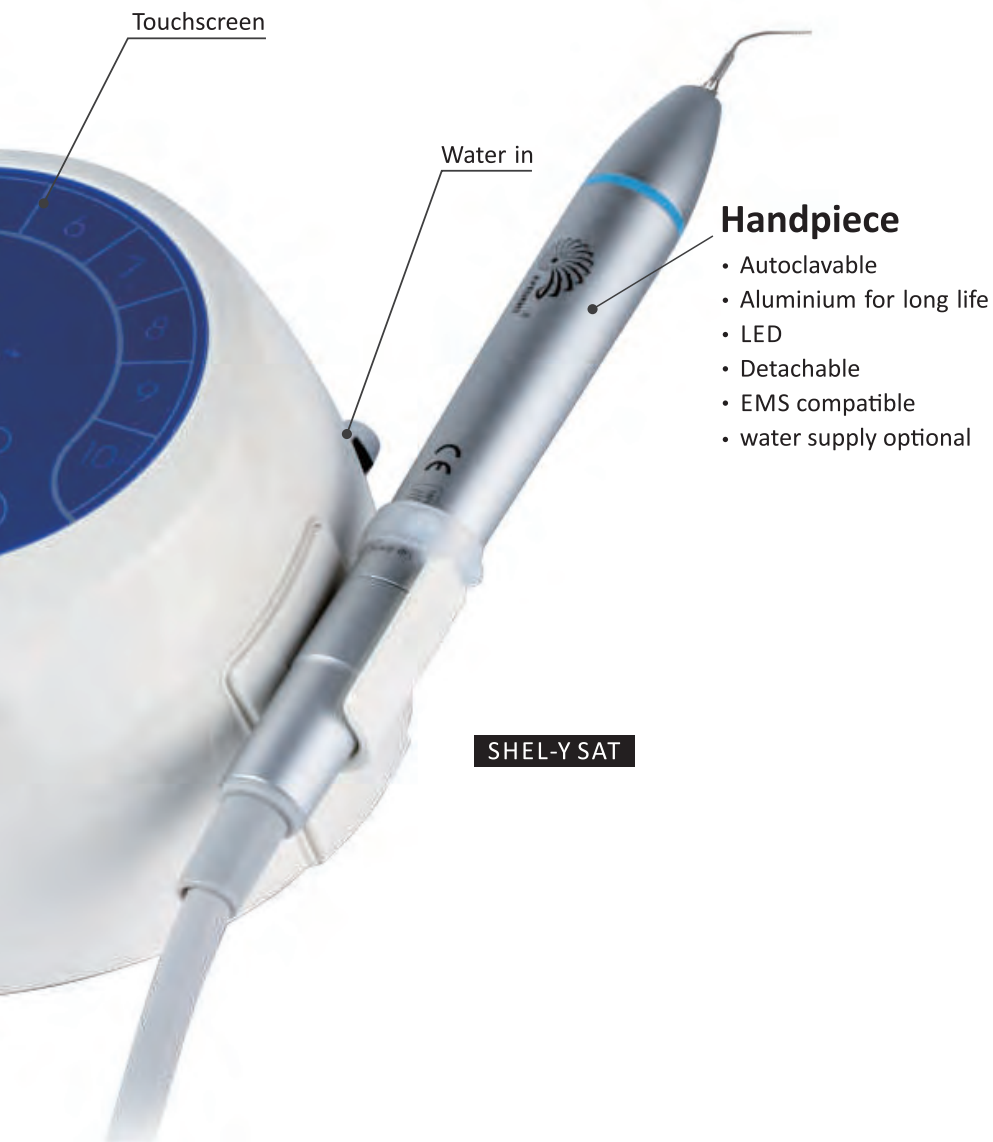
water supply



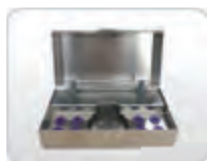
5 Tips



# SATELEC)



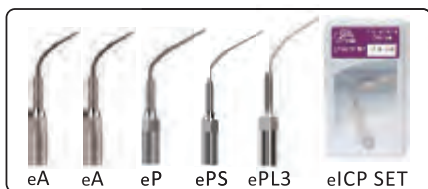
# Shel-P (f



Autoclave kit



Metal wrench



6 Tips



SHEL-P EMS

# for EMS)



Chair connection

Glass touchscreen

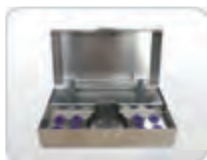
## Handpiece

- Autoclavable
- Aluminium for long life
- LED
- Detachable
- USA titanium
- EMS compatible

66



# Shel-P (for



Autoclave kit



Metal wrench



5 Tips



SHEL-P SAT



# SATELEC)

**NEW**

Chair connection

Glass touchscreen

## Handpiece

- Autoclavable
- Aluminium for long life
- LED
- Detachable
- USA titanium
- Satelec compatible

68



# MISCELLANEOUS



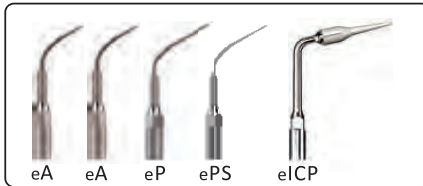
## **ABOT**

### **AUTO BOTT**

Automatic water supply for Shel-Y or other scaler machines. Bottle pressurised slightly to ensure smooth water-flow into scaler.



HP EMS LED



5 Tips



TW EMS P



SHEL-BE EMS

SHEL-BE SAT

#### Built-in

Scaler for installation into dental chair. SATELEC version on request.

## Contact



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