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Qualità & Soluzioni  
per voi!*



**PERIODENT**  
**TipOne**



# TIP BOOK

Multifunction Ultrasonic Tips For All Applications  
2024





## **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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Endodontic 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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Surgery tips are designed for a wide range of bone surgery applications, including sinus lifting and implantation procedures.



### **Principle of Operation.**

For piezo style tips, including all Xpedent tips except those to use with NSK and Kavo Soniflex compatible air scalers, power is generated by piezoelectric crystals. For airscalers power is generated by compressed air. This creates a sinusoidal motion with the greatest power (amplitude) at the end of the tip followed by 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 with the side of the tip in the second strong power band, 2-3 mm from the 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 requires longer and 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.

### **Orientation and Application.**



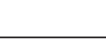

To create a combination of patient comfort and efficient scaling it is important to use the side of the tip at the second power band and at a very shallow angle to the tooth. Too great an angle will bring the point of the tip in contact with the tooth and lead to patient discomfort.


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.

# CONTENT

Generic tips		6
XPEDENT tips suitable for EMS devices		12
XPEDENT tips suitable for SATELEC devices		16
XPEDENT tips suitable for NSK devices		21
VARIOS		22
TI-MAX		23
XPEDENT tips suitable for SIRONA devices		24
XPEDENT tips suitable for KAVO devices		26
SONICflex		27
SONICflex quick		29
PIEZOlux & SONOsoft		31
PiezoLED & PIEZOsoft		31
XPEDENT tips suitable for AMDENT devices		32
XPEDENT tips suitable for surgical MECTRON devices		34

# CONTENT

XPEDENT tips suitable for SATELEC devices		41
Piezotome 1		42
Piezotome 2		42
XPEDENT tips suitable for surgical EMS devices		41
Torque wrenches		45
U-Files		46
Thread checkers		46
Scaler handpieces		47
Autoclavable tip holders		47
Built-in scaler machines		48
Tip wallets		49

 diamond coated

 irrigation

EMS

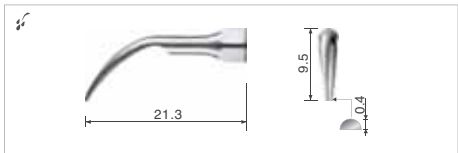
SIR

NSK

SAT

MEC

## SCALING



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

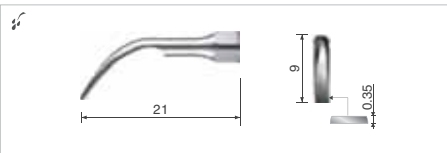
G1

GS1

GN1

GD1

GM1



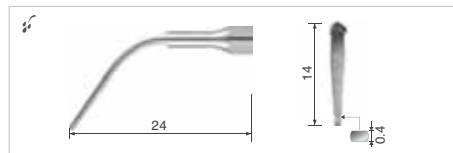
Flat edge is used to remove heavy supragingival calculus.

G2

GS2

GN2

GD2



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

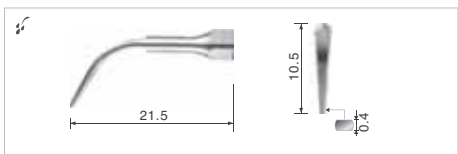
G3

GS3

GN3

GD3

GM3



Used to remove all supragingival calculus and bacterial plaque.

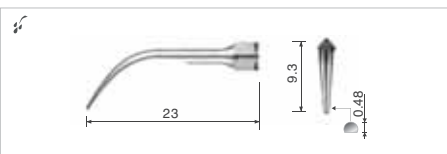
G4

GS4

GN4

GD4

GM4



Used to remove all supragingival calculus and bacterial plaque.

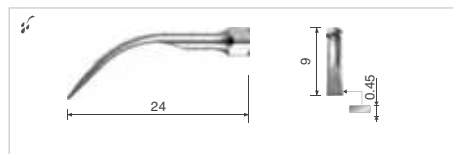
G5

GS5

GN5

GD5

GM5



Used to remove heavy supragingival calculus.

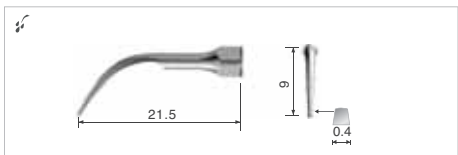
G6

GN6

GD6

GM6

## PERIO



Used to remove subgingival calculus.

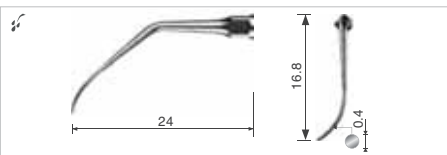
P1

PS1

PN1

PD1

PM1

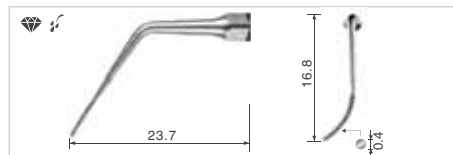


Curved to the left, for treating furcations, interdental calculus and very narrow spaces.

P2L

PN2L

PD2L



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

P2LD

PD2LD

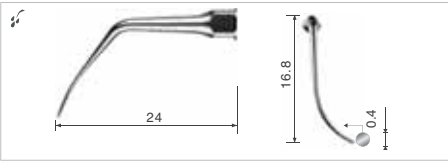
EMS

SIR

NSK

SAT

MEC

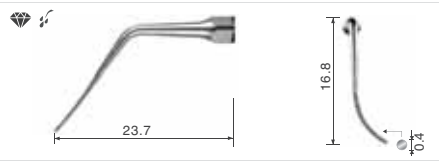


Curved to the right, for treating furcations, interdental calculus and very narrow spaces.

P2R

PN2R

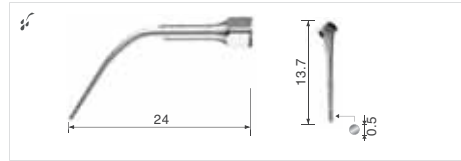
PD2R



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

P2RD

PD2RD



Used to remove subgingival calculus.

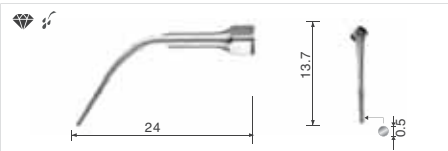
P3

PS3

PN3

PD3

PM3



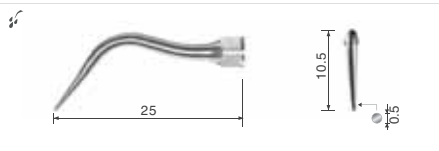
Diamond coated, used to smooth the surface of root during periodontal flap surgery.

P3D

PS3D

PN3D

PD3D



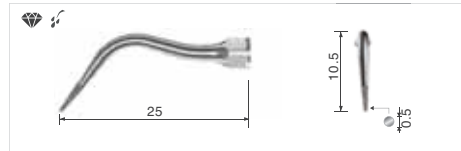
Used to remove subgingival calculus.

P4

PS4

PN4

PD4

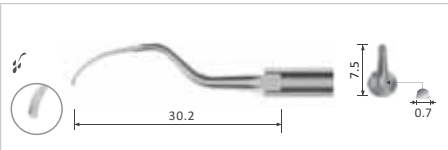


Diamond coated, a powerful tool for the removal of calcification, this tip can be used for widening calcified roots in the coronal third.

P4D

PN4D

PD4D



**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.

eH3 (P5)

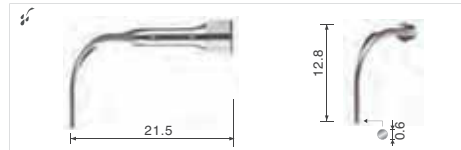
sH3



Curved to the left, used to remove subgingival calculus.

P6L

PD6L



Curved to the right, used to remove subgingival calculus.

P6R

PD6R

EMS

SIR

NSK

SAT

**ENDO**



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

E1

ES1

EN1

ED1



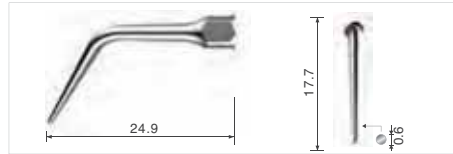
95° angle holder for use with Xpident U files with a shank diameter of 0.57mm, this tip is usually used for anterior root canal cleaning.

E2

ES2

EN2

ED2



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

E3

ES3

EN3

ED3



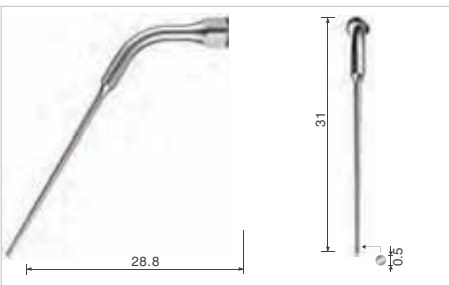
Diamond coated, used to remove calcification and bad filling material from pulp cavity and overhang pulp chamber.

E3D

ES3D

EN3D

ED3D



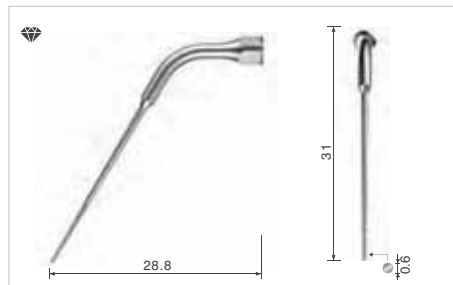
Quickly removes obstructions and broken instruments in the mid and upper thirds of large and straight canals.

E4

ES4

EN4

ED4



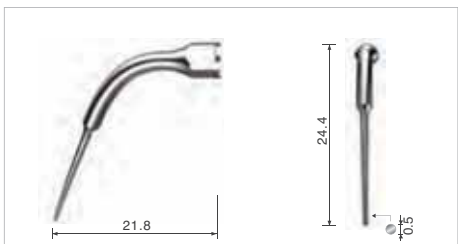
Diamond coated, for retreatments or extremely hard materials.

E4D

ES4D

EN4D

ED4D



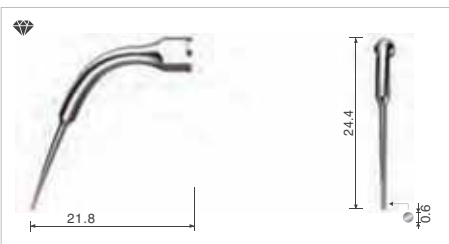
Useful for quickly eliminating calculus and temporary cements.

E5

ES5

EN5

ED5



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

E5D

ES5D

EN5D

ED5D



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

E14

EN14

ED14



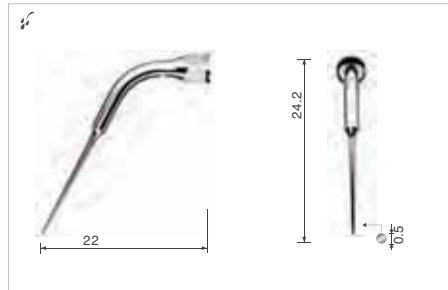


Diamond coated for retreatments or extremely hard materials.

E14D

ED14D

EN14D

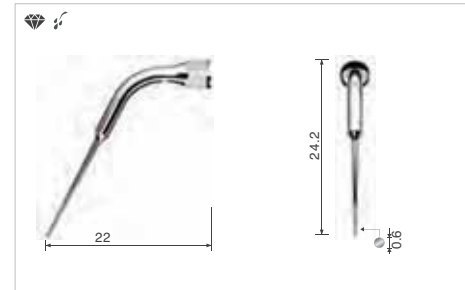


Useful for quickly eliminating calculus and temporary cements.

E15

ED15

EN15



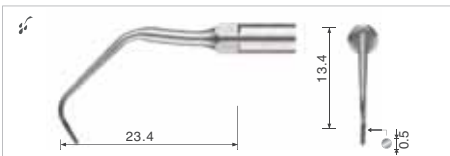
Diamond coated, for enhanced cutting and abrasion. Especially useful for removing very hard materials on the canal wall.

E15D

ED15D

EN15D

## RETRO

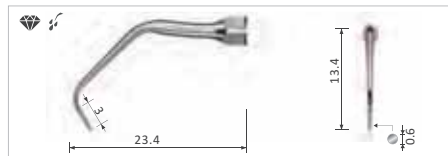


Used for gentle treatment of the root canal of anterior teeth.

E10

ED10

EN10

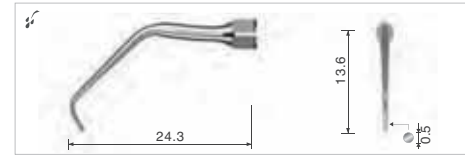


Diamond coated, used for efficient apical polishing of anterior teeth.

E10D

ED10D

EN10D

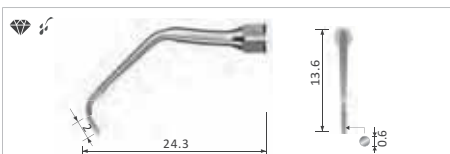


Used for gentle treatment in the root canal of anterior teeth.

E11

ED11D

EN11



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

E11D

ED11D

EN11D

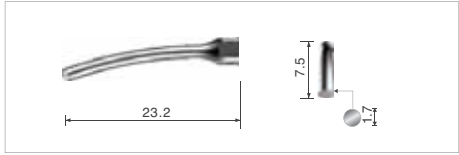
EMS

SIR

NSK

SAT

## CROWN REMOVAL



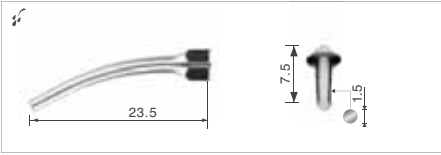
Used to remove bridges, crowns and posts by fracturing the cement.

G7

GS7

GN7

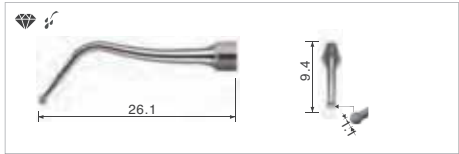
GD7



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

G8

## CAVITY PREPARATION



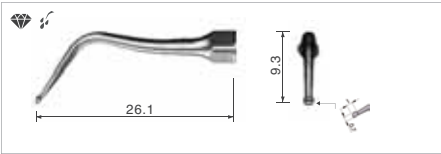
Ball diamond tip, for preparation of occlusal surfaces and cervical ridges.

SB1

SBS1

SBN1

SBD1



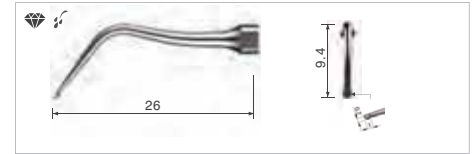
Semi-spherical diamond tip, for finishing cervical interproximal areas without causing lesions to adjacent teeth.

SB2

SBS2

SBN2

SBD2



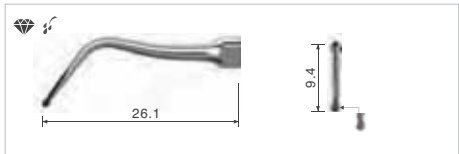
Semi-spherical diamond tip, for finishing cervical interproximal areas without causing lesions to adjacent teeth.

SB3

SBS3

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

SBSL

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

SBSR

SBNR

SBDR

## FG-BUR HOLDER



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

E8

EN8

ED8



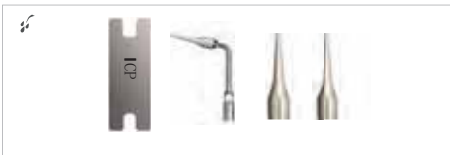
FG-bur holder used to expand the root canal and grind teeth.

E9

EN9

ED9

## IMPLANT CLEANING



**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.  
Replacement

eICP SET

srICP SET

nlCP SET

sICP SET



**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

ICPpeek

ICPpeek

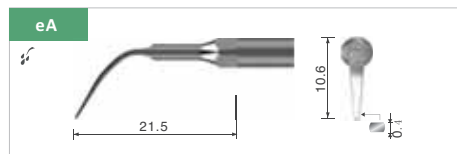
ICPpeek

ICPpeek



XPEDENT tips suitable for  
EMS scaler devices

## SCALING

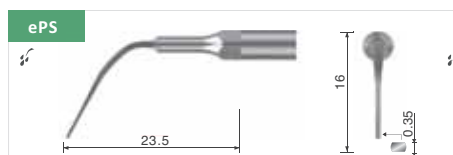


**Universal.** Accurate removal of solid supragingival calculus in all quadrants.

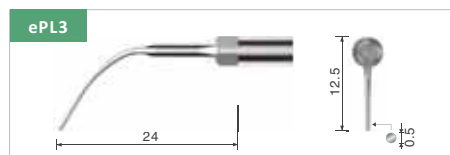
## PERIO



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



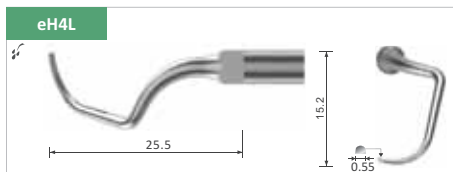
**PerioSlim.** The fast and minimally-invasive ePS instrument is ideal for calculus removal in deep periodontal pockets in all quadrants.



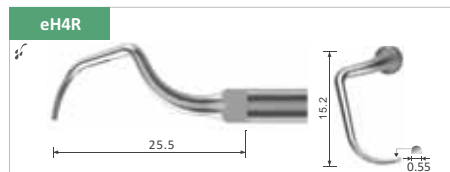
**Perio Cleaning.** For cleaning and disinfecting periodontal pockets, it is especially suitable for follow-up and recall visits for periodontal maintenance patients.



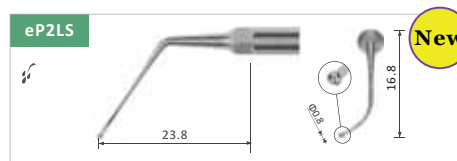
**Anterior Periodontics.** Enables treatment of the incisor-canine block. The guide edge is oriented parallel to the pocket. Enables work in the periodontal pocket without injury to the ligament.



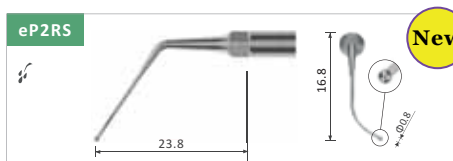
**Premolar and Molar.** Left-curve. First instrument for treating all the surfaces and the furcations.  
**Maxillary.** Buccal and distal surfaces of sector 2, pivots at 13, then the buccal and mesial surfaces of sector 1.  
**Mandibular.** Buccal and distal surfaces of sector 4, pivots at 43, then lingual and mesial surfaces of sector 3.



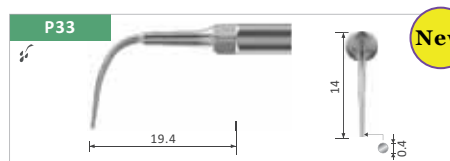
**Premolar and Molar.** Right-curve. Second instrument, use after sH4L.  
**Maxillary.** Palatine and mesial surfaces of sector 2, pivots at 13, then buccal and distal surfaces of sector 1.  
**Mandibular.** Lingual and mesial surfaces of sector 4, pivots at 43, then buccal and distal surfaces of sector 3.



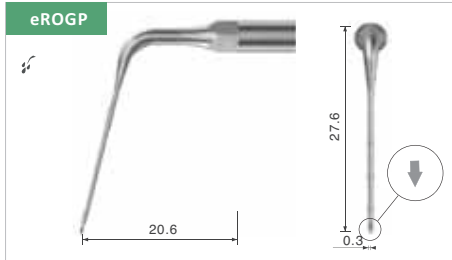
**Perio.** Left curved instrument with a small ball > 0.8 mm diameter on the instrument tips for periodontal debridement of furcations and concavities



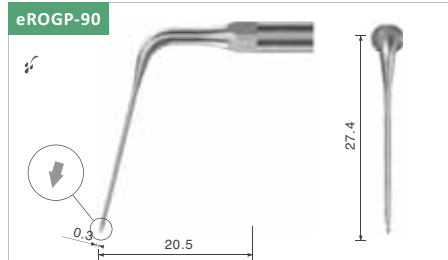
**Perio.** Right curved instrument with a small ball > 0.8 mm diameter on the instrument tips for periodontal debridement of furcations and concavities



**Perio.** Used to remove dental calculus deep in the periodontal pocket and clean the periodontal pocket.

**ENDO**

**Access Long Canals.** The ROGP tip is used to access areas not reached by other tips. Particularly effective for retreatments, especially in long oval canals, where most other tips would not fit. Excellent for Gutta-Percha removal.



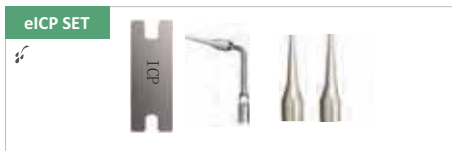
**Access Long Canals - 90°.** The ROGP tip is used to access areas not reached by other tips. Particularly effective for retreatments, especially in long oval canals, where most other tips would not fit. Excellent for Gutta-Percha removal.

**CONDENSATION**

**Condensation.** For cementing ceramic inlays, onlays and veneers. The eC20 SET contains 1 eC20 and 2 spare peeks.



**Replacement.** C20peeks are autoclavable and reusable.

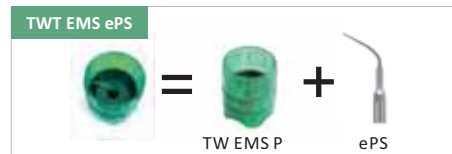
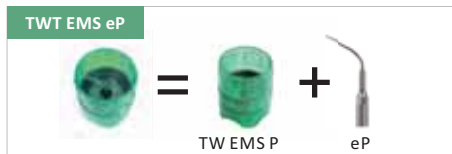
**IMPLANT CLEANING**

**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.



**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

## SETS (TORQUE WRENCH INCL. SCALER TIP)

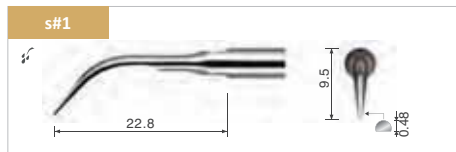




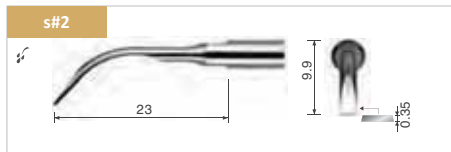
XPEDENT tips suitable for  
SATELEC scaler devices



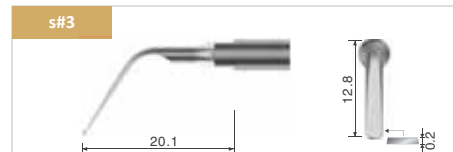
## SCALING



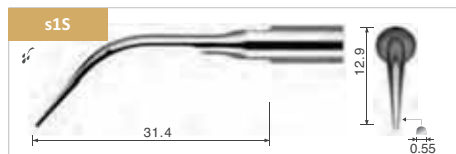
**Universal.** Simple supragingival scaling and tartar removal without damage to the enamel.



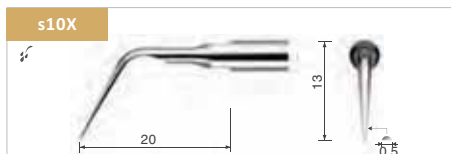
**Calculus.** Apply the flat part to the tooth to remove major calculus deposits.



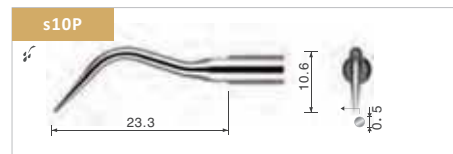
**Stain Removal.** Rounded leading edge is effective for the removal of marks or stains such as tobacco or tea.



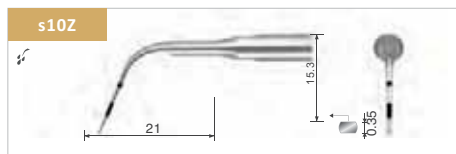
**Slim.** Supra and subgingival scaling. Particularly effective for interproximal spaces.



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



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

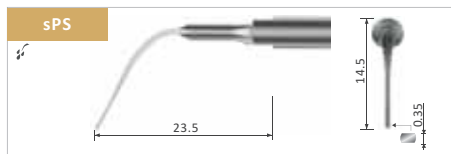


**Subgingival.** Medium pockets (< 4mm). Removal of biofilm and soft deposits, enables observation of pocket depth using the 3mm scale.

## PERIO



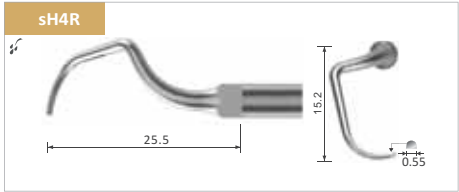
**Anterior Periodontics.** Enables treatment of the incisor-canine block. The guide edge is oriented parallel to the pocket. Enables work in the periodontal pocket without injury to the ligament.



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

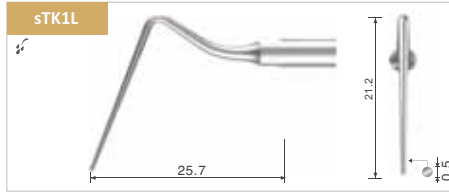


**Premolar and Molar.** Left-curve. First instrument for treating all the surfaces and the furcations.  
**Maxillary.** Buccal and distal surfaces of sector 2, pivots at 13, then the buccal and mesial surfaces of sector 1.  
**Mandibular.** Buccal and distal surfaces of sector 4, pivots at 43, then lingual and mesial surfaces of sector 3.



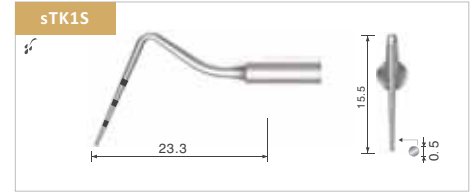
**sH4R**

**Premolar and Molar.** Right-curve. Second instrument, use after sH4L.  
**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.



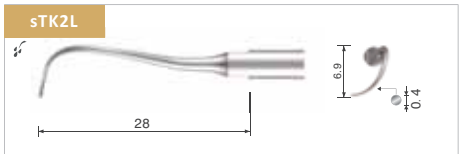
**sTK1L**

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



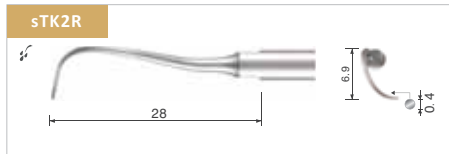
**sTK1S**

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



**sTK2L**

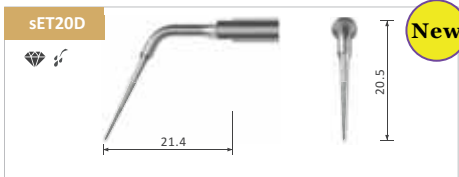
**Left-Oriented Maintenance.** Recommended for the maintenance of moderate to deep pockets and furcations. Equivalent to the Nabers probe.



**sTK2R**

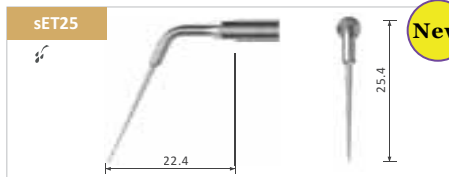
**Right-Oriented Maintenance.** Recommended for the maintenance of moderate to deep pockets and furcations. Equivalent to the Nabers probe.

**ENDO**



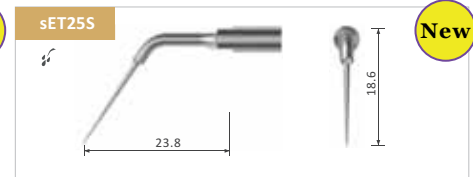
**sET20D**

**Diamond Coated Retreatment.** Used for the removal of hard materials in the 1st coronal third, 30 µm diamonds, **New**



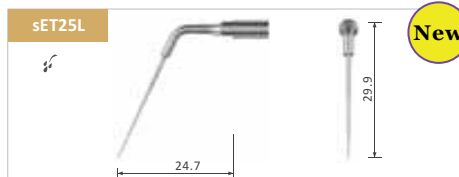
**sET25**

**Retreatment.** Preferred to use in the middle and apical thirds for retreatment and the extraction of broken instruments, Titanium-alloy, length 20mm, taper 3%. **New**

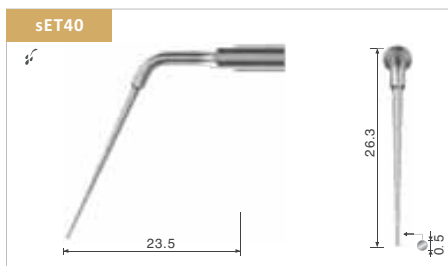


**sET25S**

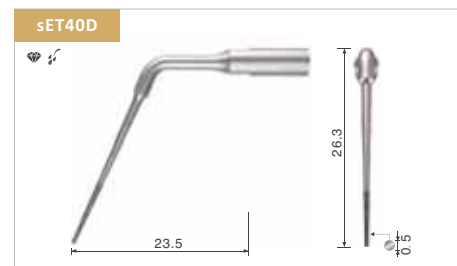
**Retreatment Short.** Used in coronal third and the isthmuses, Titanium-alloy, length 15mm, taper 4%. **New**



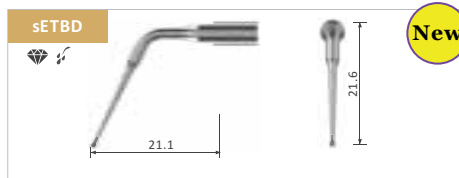
**Retreatment Long.** Used in the apical third and long straight canals for retreatment, Titanium-alloy, length 25mm, taper 3%.



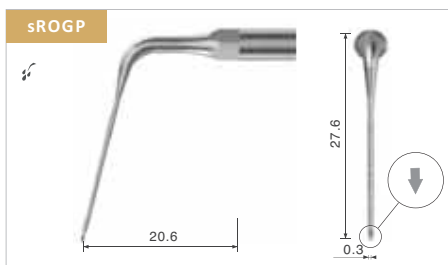
**Instrument Removal.** Used in the middle third of wide, straight canals, the sET40 is a rapid solution for removal of broken instruments.



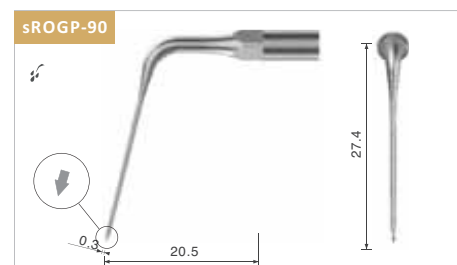
**Diamond.** A diamond-coated steel tip for retreatment of very hard material in the middle third. Length 40mm, 30  $\mu$ m diamonds, taper 4%.



**Calicification Locator.** Used for searching for canals and locating calcified canals, diamond coated ball, length 20mm, taper 5 %.

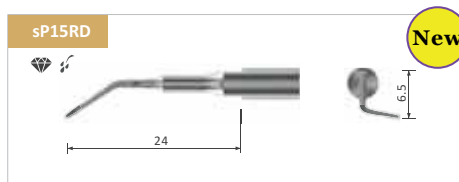


**Access Long Canals.** The ROGP tip is used to access areas not reached by other tips. Particularly effective for retreatments, especially in long oval canals, where most other tips would not fit. Excellent for Gutta-Percha removal.

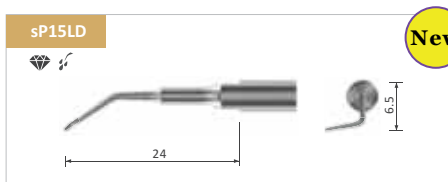


**Access Long Canals - 90°.** The ROGP tip is used to access areas not reached by other tips. Particularly effective for retreatments, especially in long oval canals, where most other tips would not fit. Excellent for Gutta-Percha removal.

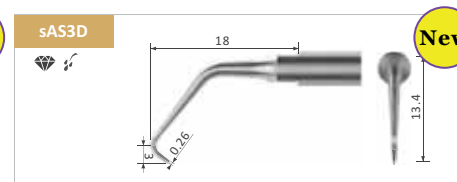
## RETRO



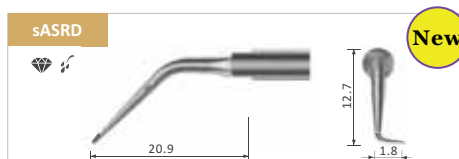
**Retro Surgery Tip - Right.** Used for preparation of premolars and molar canals, length 5mm, 30  $\mu$ m diamonds, taper 7%.



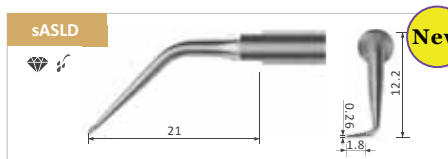
**Retro Surgery Tip - Left.** Used for preparation of premolars and molar canals, length 5mm, 30  $\mu$ m diamonds, taper 7%.



**Universal Retro Surgery Tip.** Used with minimum power and low pressure for apical surgery of anterior teeth, length 3mm, 30  $\mu$ m diamonds, taper 9%.



**Retro Surgery Tip - Right.** Used with low pressure for apical surgery of molars and premolars, length 3mm, 30  $\mu$ m diamonds, taper 10%.



**Retro Surgery Tip - Left.** Used with low pressure for apical surgery of molars and premolars, length 3mm, 30  $\mu$ m diamonds, taper 10%.

## CONDENSATION

sC20 SET



New

**Condensation.** For cementing ceramic inlays, onlays and veneers. The sC20 SET contains 1 sC20 and 2 C20peeks.

C20peek



10X

New

**Replacement.** C20peeks are autoclavable and reusable.

## IMPLANT CLEANING

sICP SET



**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.

ICPpeek



10X

**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

TW SAT P



**Satelec®**  
Plastic Torque Wrench

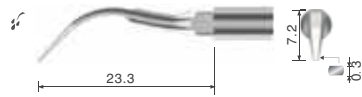


XPEDENT tips suitable for  
NSK scaler devices

## PIEZO (VARIOS)

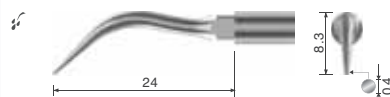
### SCALING

nG1



**Universal.** Removal of supragingival and marginal calculus, removal of calculus from narrow interdental regions.

nG4



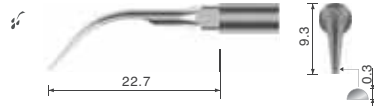
**Scaling.** Removal of supragingival and marginal calculus.

nG6



**Slim.** Removal of supragingival and marginal gingival calculus and removal of calculus from interproximal spaces.

nG8



**Universal Slim.** Removal of supra and marginal gingival calculus; particularly effective in interdental spaces.

nG16



**Interproximal.** Removal of calculus from interproximal areas.

### CONDENSATION

nC20 SET



New

**Condensation.** For cementing ceramic inlays, onlays and veneers. The nC20 SET contains 1 nC20 and 2 C20peeks.

C20peek



New

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### IMPLANT CLEANING

nICP SET



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ICPpeek



**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

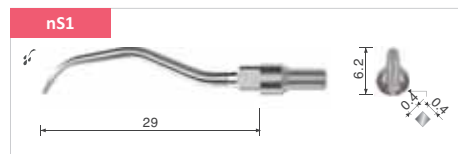
TW NSK P



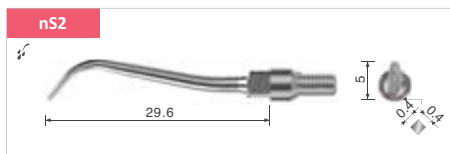
**NSK®**  
Plastic Torque Wrench

# AIR SCALING (TI-MAX)

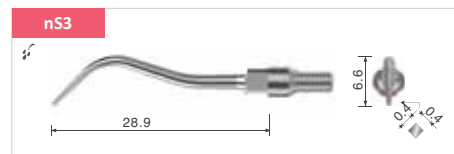
## SCALING



**Universal.** Removal of marginal gingival and supragingival calculus.



**Perio.** Removal of supragingival calculus.

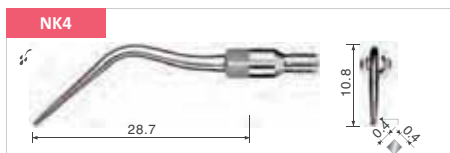


**Sickle.** Removal of supragingival calculus.

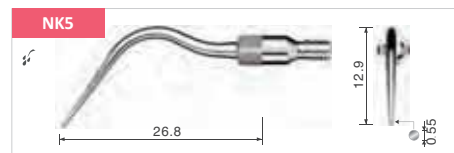
## PERIO



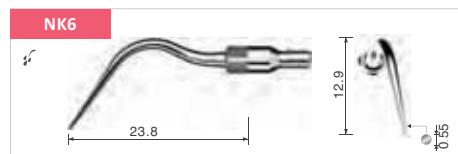
**Root Planing.** Long straight tip for the removal of subgingival calculus and biofilm.



**Universal slim tip.**



A root cleaning tip, straight application.

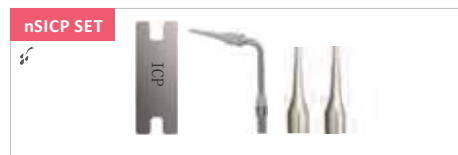


A root cleaning tip, with a left curve.



A root cleaning tip, with a right curve.

## IMPLANT CLEANING



**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.



**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

TW NSK P



**NSK®**  
Plastic Torque Wrench



## SONICflex



ment for smaller areas and those  
t to access.



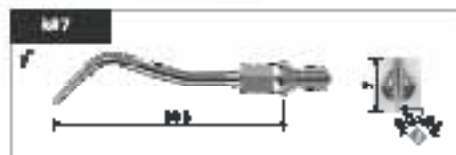
ht tip with rounded surfaces, the ISOA  
ocket cleaning during periodontal  
the anterior region, it is effective on  
nd at cleaning pockets up to 9 mm



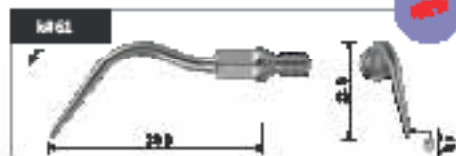
it and minimally-invasive PS  
al for calculus removal in deep  
ets in all quadrants.



, used for supragingival, subgingival  
iculus removal.



Subgingival. Instrument used for subgingival scaling.



Perfo Left: Curved to the left, for buccal access in the first  
and third quadrants to central incisor. Gentle but  
effective cleaning in pockets up to 9 mm deep, then  
cleansing of front teeth. Lingual access to premolars and  
molars in the second and fourth quadrants.



Used for supragingival, subgingival and interdental  
calculus removal.



Curved to the right, used for supra gingival,  
subgingival and interdental calculus removal.



EK 8



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

ICP SET



**Implant Cleaning.** The ICP tip is used for sub- and supragingival clearing of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.

ICPpeek



10X

**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

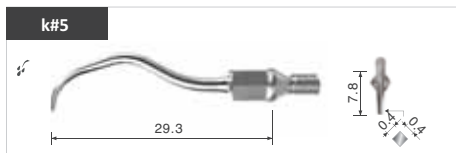
**Attention:** For SONICflex please use: TW KAV Q



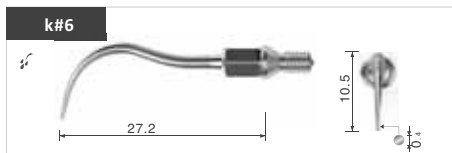
XPEDENT tips suitable for  
KAVO scaler devices

## SONICflex

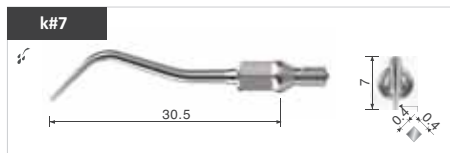
## SCALING



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



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



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

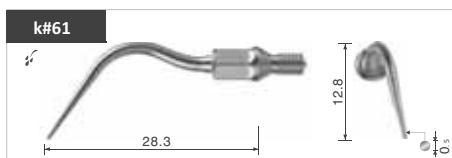


**Subgingival.** For the removal of subgingival calculus.

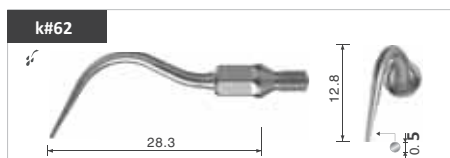
## PERIO



**Perio.** A long straight tip with rounded surfaces, the k#60 is used for gentle pocket cleaning during periodontal treatment. Used in the anterior region, it is effective on smooth surfaces and at cleaning pockets up to 9 mm deep.



**Perio Left.** Curved to the left, for buccal access in the first and third quadrants to central incisor. Gentle but effective cleansing in pockets up to 9 mm deep, then cleansing of front teeth. Lingual access to premolars and molars in the second and fourth quadrants.



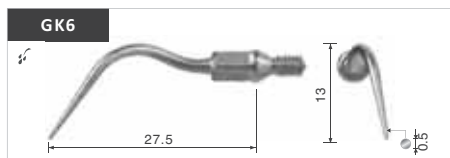
**Perio Right.** Curved to the right, for buccal access in the first and third quadrants to central incisor. Gentle but effective cleansing in pockets up to 9 mm deep, then cleansing of front teeth. Lingual access to premolars and molars in the second and fourth quadrants.



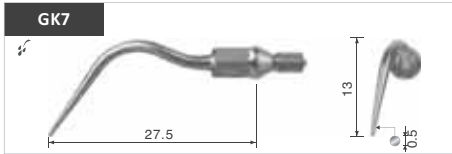
**PerioSlim.** The fast and minimally-invasive kPS instrument is ideal for calculus removal in deep periodontal pockets in all quadrants.



Used for supragingival, subgingival and interdental calculus removal.



Curved to the left, used for supragingival, subgingival and interdental calculus removal.

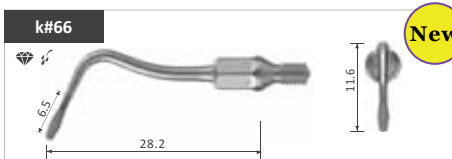


Curved to the right, used for supragingival, subgingival and interdental calculus removal.



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

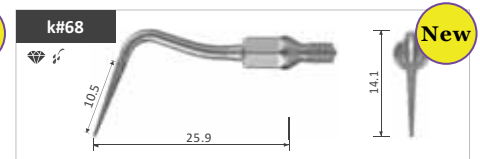
**ENDO**



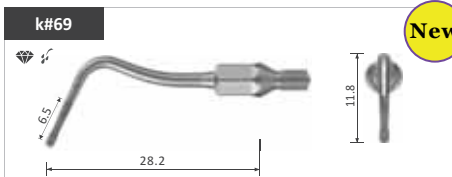
**Access Shaping.** Big bud shaped diamond coated tip for shaping the access cavity.



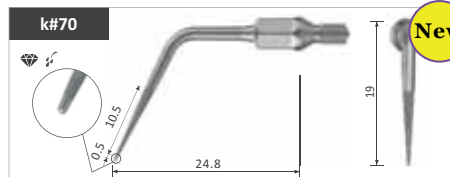
**Canal Expansion.** Diamond coated 125° conical tip. Used for widening canals.



**Canal Expansion.** Diamond coated 112° conical tip. Used for widening canals.



**Canal Preparation.** Small bud shaped diamond coated tip for removal of unwanted materials.



**Long Canal Preparation.** Long diamond coated 117° conical tip. Tip end not diamond coated for long and wide canals.

**IMPLANT CLEANING**



**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.

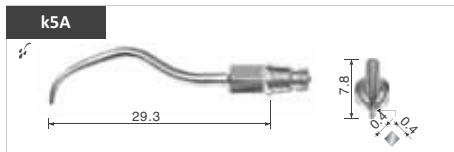


**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

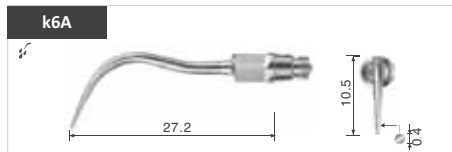


## SONICflex quick

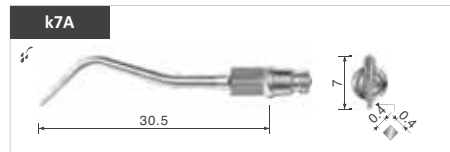
## SCALING



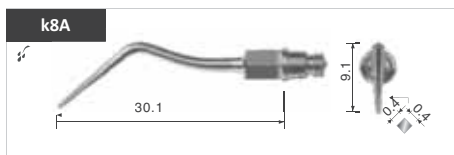
**General.** For calculus removal from all tooth surfaces.



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

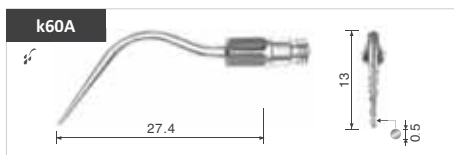


**Subgingival.** Instrument used for subgingival scaling.



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

## PERIO



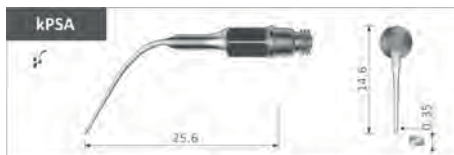
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**Perio LeftP.** Curved to the left, for buccal access in the first and third quadrants to central incisor. Gentle but effective cleansing in pockets up to 9 mm deep, then cleansing of front teeth. Lingual access to premolars and molars in the second and fourth quadrants.

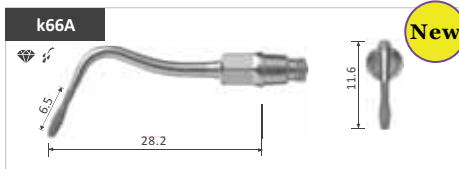


**Perio Right.** Curved to the right, for buccal access in the first and third quadrants to central incisor. Gentle but effective cleansing in pockets up to 9 mm deep, then cleansing of front teeth. Lingual access to premolars and molars in the second and fourth quadrants.

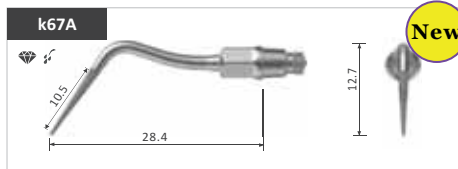


**PerioSlim.** The fast and minimally-invasive kPSA instrument is ideal for calculus removal in deep periodontal pockets in all quadrants.

## ENDO



**Access Shaping.** Big bud shaped diamond coated tip for shaping the access cavity.



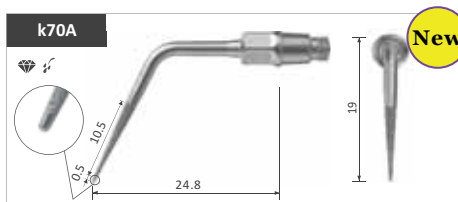
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# PIEZOlux & SONOsoft

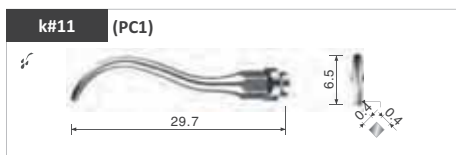
## SCALING & PERIO



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



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



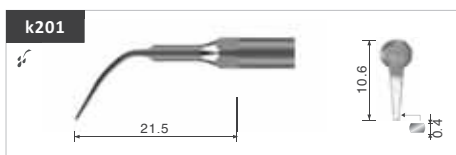
**Universal.** Used to remove subgingival calculus.

TW KAV Q

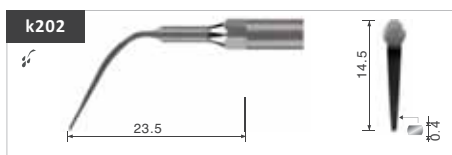


**KaVo®**  
Torque wrench for SONICFLEX,  
PIEZOlux & SONOsoft, SONICflex quick

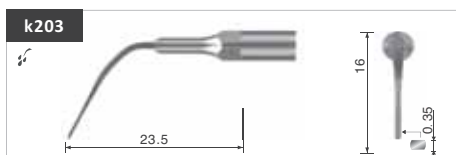
## PiezoLED & PIEZOsoft



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



**Perio.** Well suited for the precise removal of stubborn subgingival and supragingival calculus and concretions in all quadrants.



**PerioSlim.** Fast and minimally-invasive, ideal for calculus in deep periodontal pockets in all quadrants.



**File Holder 120°.** Use with Xpident U files with a shank diameter of 0.57mm, this tip is usually used for anterior root canal cleaning.

TW KAV M



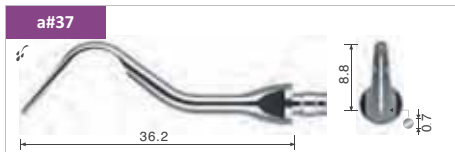
**KaVo®**  
Torque wrench for KAVO  
PiezoLED & PIEZOsoft



XPEDENT tips suitable for  
AMDENT scaler devices



## SCALING & PERIO



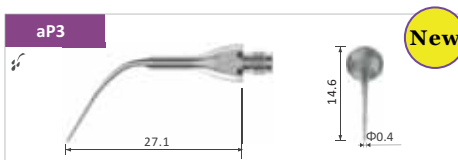
**Universal.** Tip for subgingival scaling, furcations, supragingival fine scaling and spot removal.



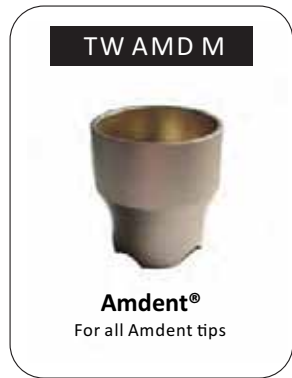
**Perio.** Primarily for lingual and buccal subgingival scaling and furcations. Also used for supragingival fine scaling and spot removal.



**Heavy Calculus Removal.** Can be used for lingual and buccal supragingival scaling.



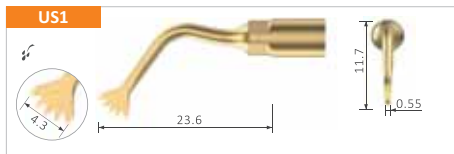
**Perio.** Used to remove subgingival calculus.



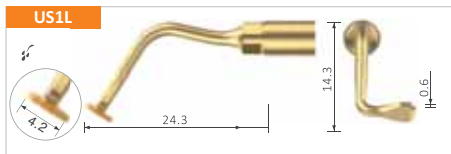


XPEDENT tips suitable for  
MECTRON surgery devices

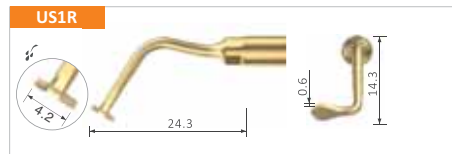
## BONE CUTTING



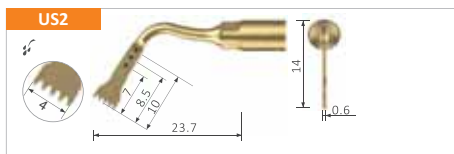
**Bone Saw.** Osteotomy of large bone sections during maxillofacial surgery.



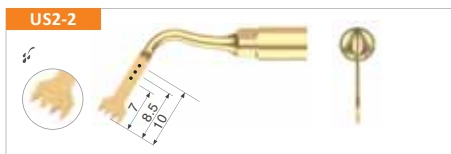
**Angled Micro-Saw 0.6mm.** All the osteotomy techniques in maxilla and mandible; bone block grafting, horizontal osteotomy - left angle.



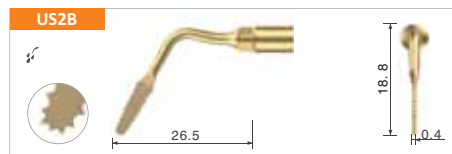
**Angled Micro-Saw 0.6mm.** All the osteotomy techniques in maxilla and mandible; bone block grafting, horizontal osteotomy - right angle.



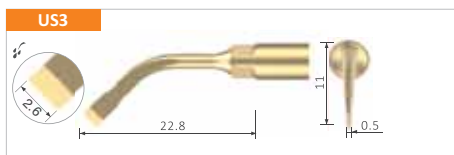
**Precision Saw.** Used for cutting bone, with great precision and efficiency. Five sharp teeth.



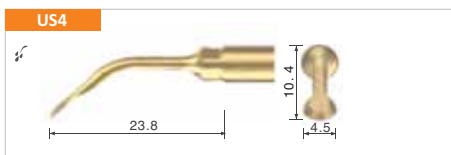
**Precision Saw.** Used for cutting bone, with great precision and efficiency. Four sharp teeth.



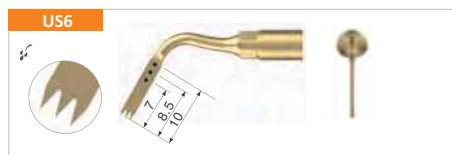
**Saw Tooth.** Used for cutting bone, with great precision and efficiency.



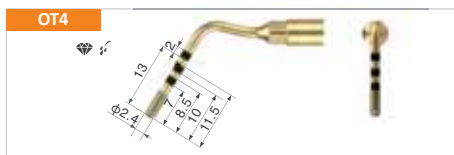
**Basic Scalpel.** Osteotome of great precision in anatomically thin structures (for example ridge expansion, interdental corticotomies, nontraumatic nasal spina).



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



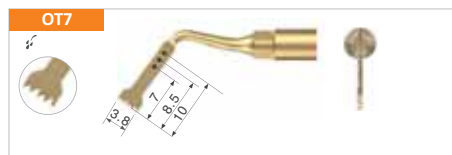
**Special Micro-Saw (3 teeth).** Very thin and small osteotomy and corticotomy technique for orthodontic microsurgery, root fraction technique for dental extraction maneuver.



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

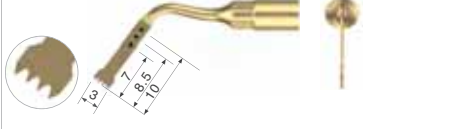


**Osteotomy & Osteoplasty.** Osteotome of great precision in anatomically thin structures (for example ridge expansion, interdental corticotomies, nontraumatic nasal spina).



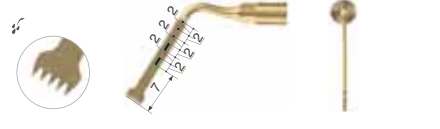
**Principal Micro-Saw 0.55mm.** Osteotomy technique in maxilla and mandible, ridge expansion, corticotomy technique, and bone block grafting.

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 (5 Teeth).** 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



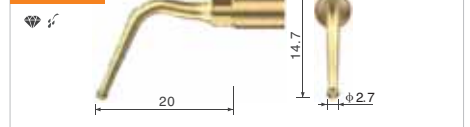
**Sinus Membrane Separator Angled at 130°.** Non-cutting separator of the sinus membrane.

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



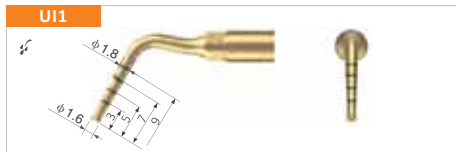
**Sinus Bone Window Osteotomy.** Periodontal osteotomy, crown lengthening, bone chip harvesting, inflammatory tissue removal (cysts, etc.).

UL5

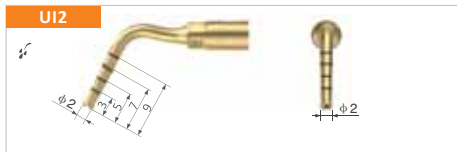


**Sinus Membrane Separator Angled at 105°.** Non-cutting separator of the sinus membrane.

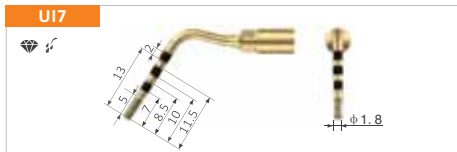
# IMPLANTATION



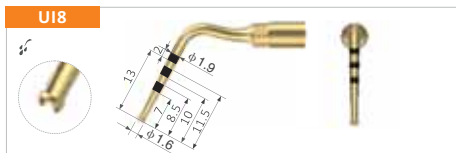
**UI1**  
**1.6 mm Enlargement.** Used to enlarge implantation area avoiding soft tissue trauma.



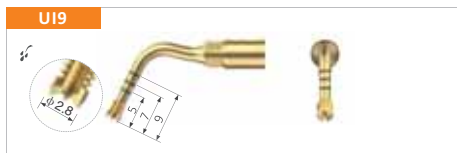
**UI2**  
**2.0 mm Enlargement.** Used to enlarge implantation area avoiding soft tissue trauma.



**UI7**  
**Fine Preparation.** Used for final preparation of bone implant sites.



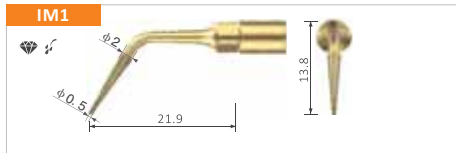
**UI8**  
**Implant Preparation.** Diameter 1.6mm x 15mm. Used to enlarge implant site.



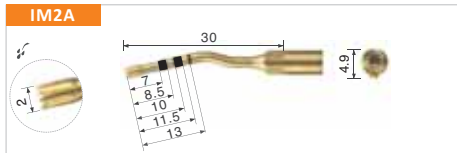
**UI9**  
**Implant Preparation.** 2.8 mm Cutting head.



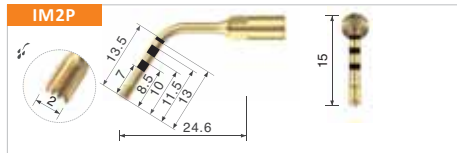
**UI9B**  
**Deep Preparation.** 2.8 mm Cutting head.



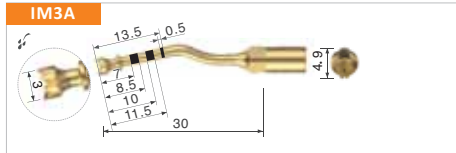
**IM1**  
**Diamond Bone Perforation.** Conical surgery tip with diamond layer for bone perforation. Recommended for pilot osteotomy in extraction sites and to check the alignment of the axis of PIN IM1 preparations.



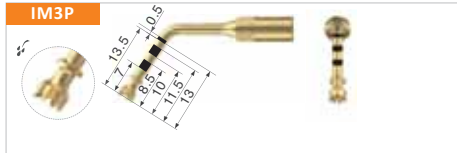
**IM2A**  
**Bone Perforation.** Preparation of the implant bed, especially bone perforation. Particularly effective for pilot osteotomy in the anterior and posterior (maxillary) region or to check the alignment of the axis of the preparations 2 PIN 2-2.4.



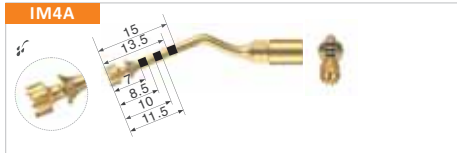
**IM2P**  
**Bone Perforation.** Pilot osteotomy in posterior region (in the maxilla).



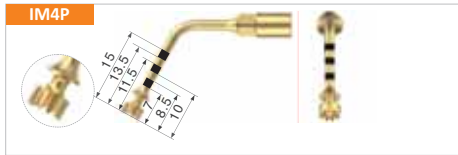
**IM3A**  
**Bone Perforation.** To enlarge or to finalise the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).



**IM3P**  
**Bone Perforation.** To enlarge or to finalise the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).



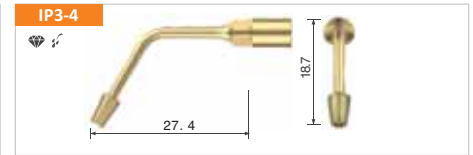
**IM4A**  
**Bone Perforation.** To finalise the implant site preparation; insert with double irrigation to avoid overheating (in the maxilla).



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



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

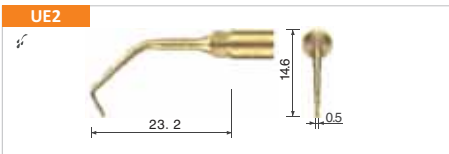


**Micrometric Osteotomy.** To optimise concentricity of implant site preparation between  $\varnothing$  3 and  $\varnothing$  4 mm.

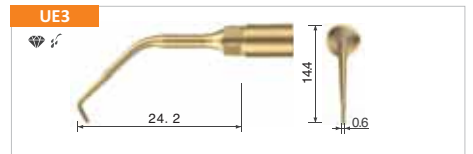
**RETRO**



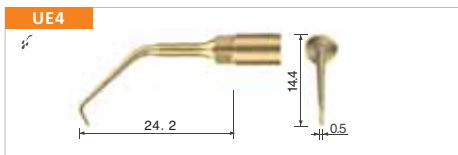
**Efficient Canal Cleaning.** Apical root debridement.



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

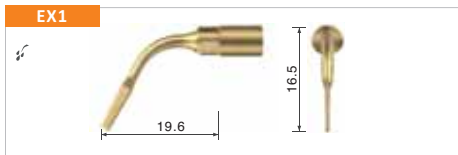


**Efficient Canal Cleaning.** Apical root debridement.

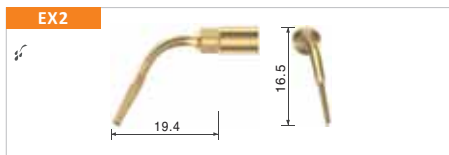


**Gentle Canal Cleaning.** Gentle apical root debridement.

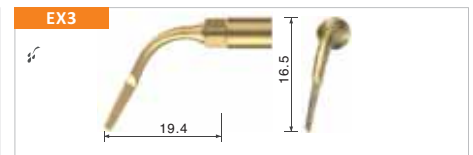
**EXTRACTION**



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

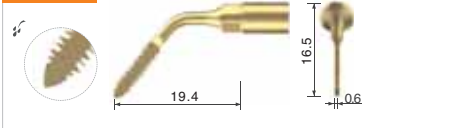


**Angled Extraction Scalpel.** Root osteoplasty in the posterior regions.



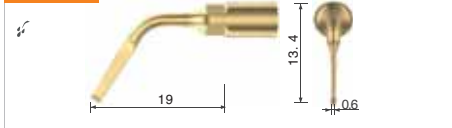
**Angled Micro-Saw 0.6mm.** Root osteoplasty in the posterior regions.

**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.

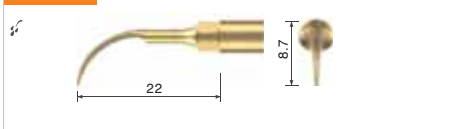
**SCALING**

**UP1**



**Gentle Scaling.** Root scaling.

**UP2**



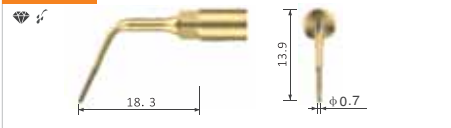
**Periodontal Scaler.** Scaling and inflammatory tissue removal, fractured root apex extraction.

**UP3**



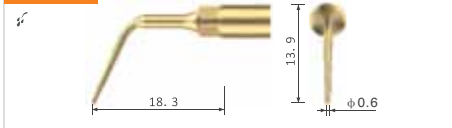
**Angled Curette.** Angled curette root scaling.

**UP4**



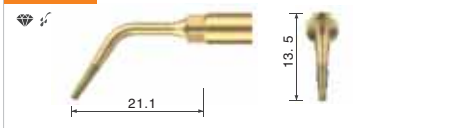
**Scaling and Microdebridement.** Root debridement and root planing during resective and regenerative periodontal surgery.

**UP5**



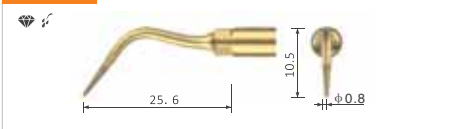
**Root Surface Micro-Smoothing.** Root planing.

**UP6**



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

**UP7**



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

## IMPLANT CLEANING

mICP SET



**Implant Cleaning.** The ICP tip is used for sub- and supragingival cleaning of implants and restorations. The replaceable peek makes the action safe and gentle. The set contains 1 ICP, 1 ICP wrench and 2 spare peeks.

ICPpeek



**Replacement.** ICPpeeks are autoclavable and reusable. Replacing the ICPpeek is simple using the wrench included in ICP SET.

TW MEC M

New



**Mectron®**  
For all Mectron tips





SAT

EMS  
4



XPEDENT tips suitable for  
EMS surgery devices

XPEDENT tips suitable for  
SATELEC surgery devices

**BONE SURGERY**

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

E-BS1

BS1

V-BS1



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

E-BS2L

BS2L

V-BS2L



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

E-BS2R

BS2R

V-BS2R



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

E-BS4

BS4

V-BS4



**Flat Scalpel.** For fine osteotomies. All high-precision osteotomy techniques such as crest expansion, osteotomy line, distraction, approach of the vestibular bone flap in the presence of a thick cortex in sinus surgery.

E-BS5

BS5

V-BS5



**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-BS6

BS6

V-BS6



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

E-BS6F

## IMPLANTATION



**Diamond Bone Perforation.** Conical surgery tip with diamond layer for bone perforation. Recommended for pilot osteotomy in extraction sites and to check the alignment of the axis of PIN IM1 preparations.

XS-IM1

V-IM1



**Bone Perforation.** Preparation of the implant bed, especially bone perforation. Particularly effective for pilot osteotomy in the anterior and posterior (maxillary) region or to check the alignment of the axis of the preparations 2 PIN 2-2.4.

XS-IM2A

V-IM2A



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

XS-IM3A

V-IM3A

## SINUS LIFTING



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

E-SL1

SL1

V-SL1



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

E-SL2

SL2

V-SL2



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

E-SL3

SL3

V-SL3



**Sinus Membrane Elevator.** Non-cutting 90° angled spatula allows the sinus membrane to be lifted deep inside the sinus. Diameter of the spatula: 4mm

E-SL4

SL4

V-SL4



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

E-SL5

SL5

V-SL5

EMS

Piezotome®1 Piezotome®2

**EXTRACTION**

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

E-LC1

LC1

V-LC1



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

E-LC1/90

LC1/90

V-LC1/90



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

E-LC2

LC2

V-LC2



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

E-LC2L

LC2L

V-LC2L



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

E-LC2R

LC2R

V-LC2R



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

E-Pirahna

Pirahna

V-Pirahna

## TORQUE WRENCHES

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 KAV Q



**KaVo®**

Torque wrench for SONICFLEX,  
PIEZOlux & SONOsoft, SONICflex quick

TW KAV M



**KaVo®**

Torque wrench for KAVO  
PiezoLED & PIEZOsoft

TW MEC M

New



**Mectron®**

For all Mectron tips

TW AMD M



**Amdent®**

For all Amdent tips

W ENDO



Endo Wrench

ICP WREN



ICP Wrench

KICP WREN

New



ICP Wrench

## 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



∅0.15mm  
10pieces/box

### UF-20/32



∅0.2mm  
10pieces/box

### UF-25/32



∅0.25mm  
10pieces/box

### UF-30/32



∅0.3mm  
10pieces/box

**Attention:** Our U-Files work with the following file holders:  
E1, ES1, EN1, ED1, E2, ES2, EN2, ED2 and k222.

## THREAD CHECKERS

### TC-1



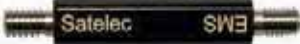
EMS - Surgery

### TC-4



MECTRON - Surgery  
KAVO PiezoLED / PIEZOsoftM

### TC-2



EMS  
MECTRON  
KAVO-PIEZOlux / SONOsoft  
SATELEC  
NSK

### TC-5



SATELEC - Piezotome 1  
SATELEC - Piezotome 2

### TC-3



KAVO - SONICflex  
NSK - Air

### TC-6



SIRONA  
AMDENT

## SCALER HANDPIECES

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

Xpendent handpieces are manufactured from aluminium, they are therefore able to withstand autoclaving without the exterior cracking problems often associated with plastic handpieces. They are compatible with EMS and SATELEC machines. LED handpieces have a different connection from non-LED.

## AUTOCLAVABLE TIP HOLDERS

TH WC



Tip holder with cover

TH



Tip holder

ABOX purple

New

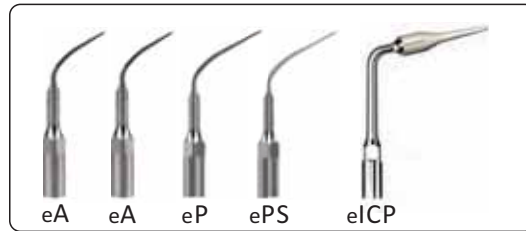


Tip holder with cover

## BUILT-IN SCALER MACHINES



HP EMS LED



5 Tips



TW EMS P



SHEL-BE EMS

SHEL-BE SAT

**Built-in Scaler:** For installation into dental chair.



## TIP WALLETS

DEMO1



DEMO1S



DEMO3



DEMO4



The tip wallets are made from black anodised aluminium. They are designed to show our tip range to best advantage. The standard wallets DEMO1 and DEMO1S contains our recommended range. Wallets can be customised for ODM or OEM use. They are recommended for both use at dental shows and by travelling sales staff.





# Contact



**PERIODENT** by

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