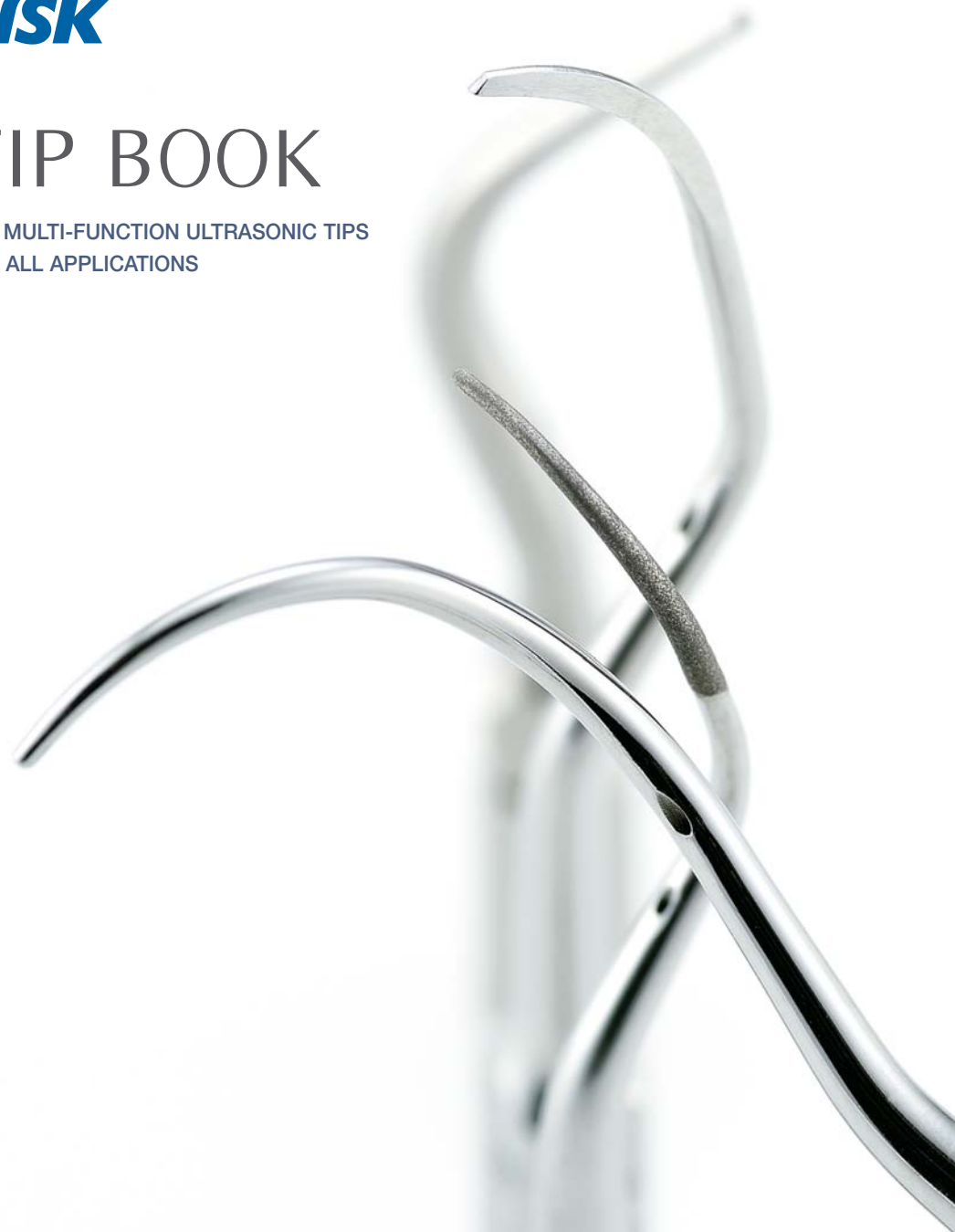




TIP BOOK

THE MULTI-FUNCTION ULTRASONIC TIPS
FOR ALL APPLICATIONS



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Tochigi 322-8666, Japan
TEL : +81 (0)289-64-3380
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Elly-Beinhorn-Strasse 8
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FAX : +49 (0)6196 77606-29

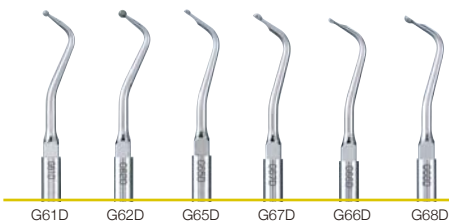
NSK America - Canadian Branch
www.nsk-inc.com
1054 Centre St., Suite 283
Thornhill, Ontario, Canada, L4J 8E5
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Office 5, Gateway1000, Arlington Business Park,
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TEL : +44 (0) 1438 310670
FAX : +44 (0) 1438 310671

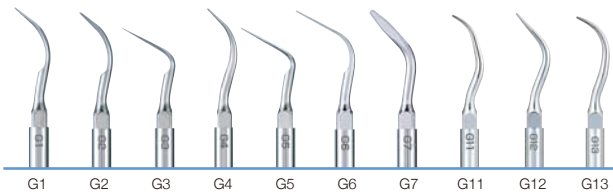
NSK Middle East
www.nsk-inc.com
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Dubai Airport Free Zone, PO Box 54316 Dubai, UAE
TEL : +971 (0)4-204-5507
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NSK Offers A Wide Choice of VARIOS Ultrasonic Scaler Tips For Clinical Applications.

Restorative Pages 28-31



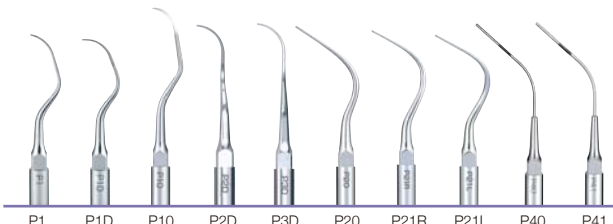
Scaling Pages 4-9



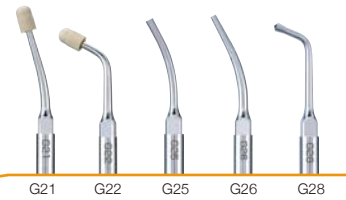
Maintenance Page 17



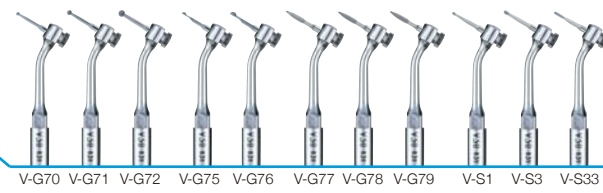
Perio Pages 10-18



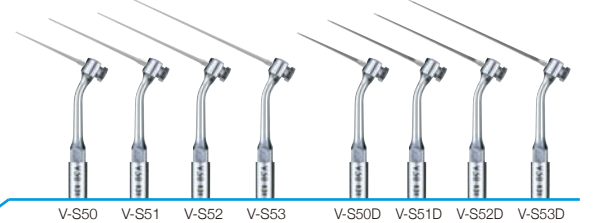
Prosthetics Pages 32-35



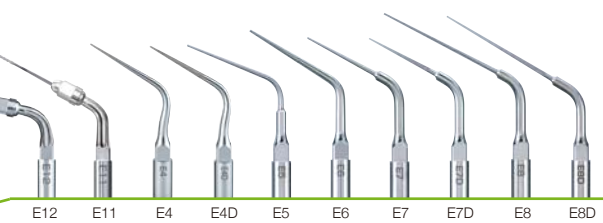
V-Tip (Restorative) Pages 42-46



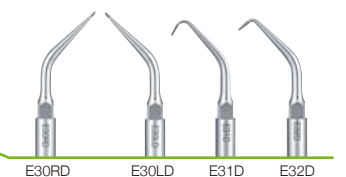
V-Tip (Endodontics) Pages 36-41



Endodontics Pages 20-25



Retrograde Endo Pages 26-27



Varios Tips for NSK / Satelec® / EMS®

NSK Varios tips are available for direct connection to Satelec® and EMS® ultrasonic scaler handpieces as well as NSK Varios ultrasonic scaler handpieces.

Following is a guide for direct connection of NSK Varios Tips to NSK, Satelec® and EMS® handpieces.



NSK V-Tip System
marked with the **NSK Satelec®** icon can be directly attached to and used with both NSK Varios and Satelec® ultrasonic scaler handpieces.



NSK scaler tips marked with the **NSK Satelec®** icon can be directly attached to and used with both NSK Varios and Satelec® ultrasonic scaler handpieces.



NSK scaler tips marked with the **EMS®** icon can be directly attached to and used with EMS® ultrasonic scaler handpieces.



NSK Varios Optic Handpiece
Optic VA-LUX-HP



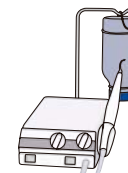
NSK Varios Non-Optic Handpiece
Non-Optic VA-HP



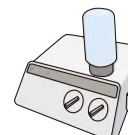
Satelec® Ultrasonic Scaler Handpieces



EMS® Ultrasonic Scaler Handpieces



Satelec®



EMS®

NSK



Varios 750 → Page 48
Optimum Clinical Versatility



Varios 560 → Page 49
Benchtop Multi Function Ultrasonic Scaler



Varios 350 → Page 50
Compact Multi Function Ultrasonic Scaler

SCALING

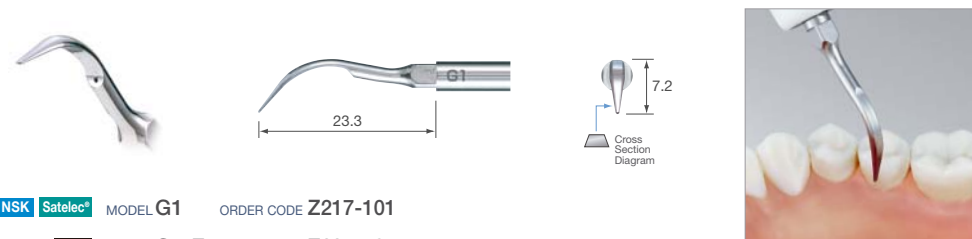
Varios tips are designed for initial periodontal treatment, and are mainly used for supragingival scaling. Ten versions of NSK Varios tips allow the removal of supragingival calculus, interdental calculus, and calculus at the neck of the tooth.



SCALING



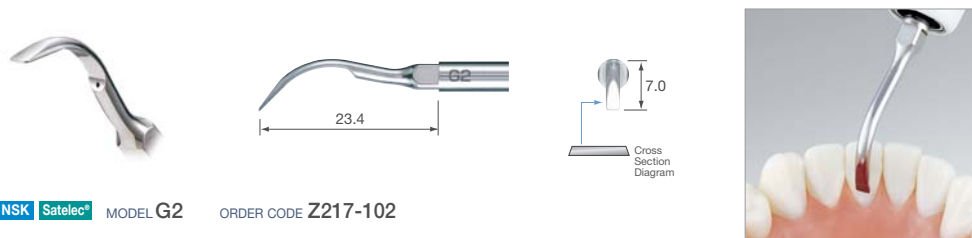
G1 Removal of supragingival and interdental calculus.



NSK Satelec® MODEL G1 ORDER CODE Z217-101

EMS® MODEL G1-E ORDER CODE Z291-101

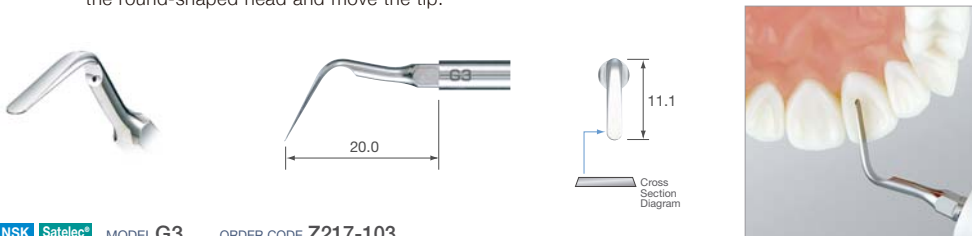
G2 Removal of heavy calculus and stains in the supragingival area. *Place the flat-shaped head and move the tip.



NSK Satelec® MODEL G2 ORDER CODE Z217-102

EMS® MODEL G2-E ORDER CODE Z291-102

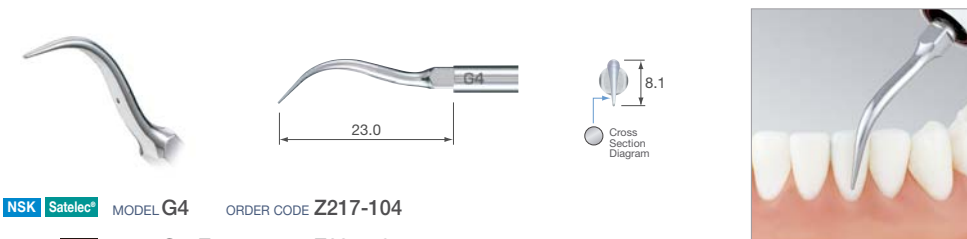
G3 Removal of heavy calculus and stains in the supragingival area and between teeth. *Place the side of the tip at the lingual sides of anterior teeth and move the tip. For other areas, place the round-shaped head and move the tip.



NSK Satelec® MODEL G3 ORDER CODE Z217-103

EMS® MODEL G3-E ORDER CODE Z291-103

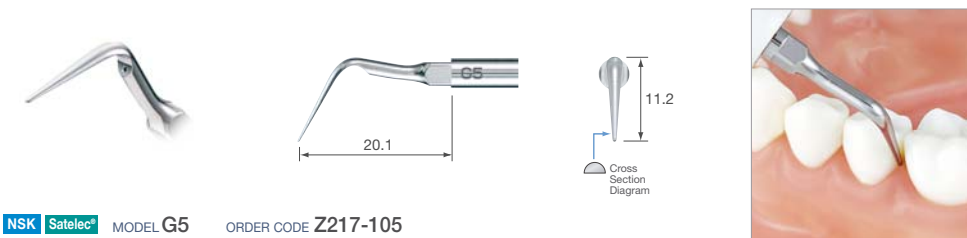
G4 The end of the tip is thin and for supragingival fine scaling and interdental scaling. The round cross-section allows tooth surfaces to be finished without causing damage.



NSK Satelec® MODEL G4 ORDER CODE Z217-104

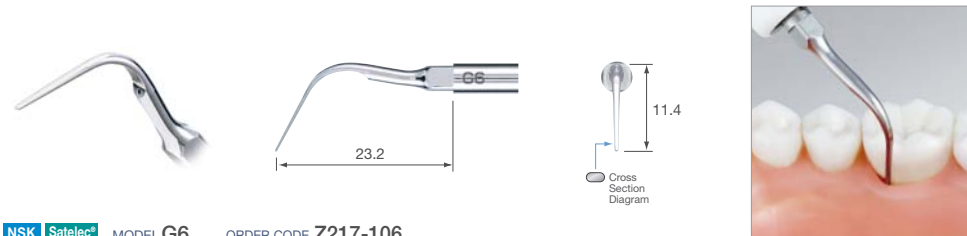
EMS® MODEL G4-E ORDER CODE Z291-104

G5 Removal of calculus between molar teeth.



NSK Satelec® MODEL G5 ORDER CODE Z217-105

G6 Removal of supra and subgingival calculus. It provides easy access to interdental spaces and narrow pockets.



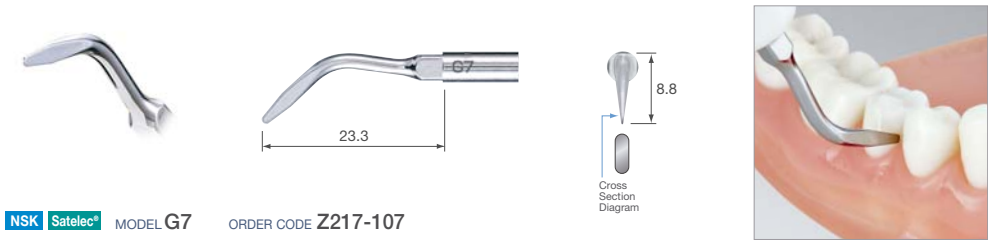
NSK Satelec® MODEL G6 ORDER CODE Z217-106

EMS® MODEL G6-E ORDER CODE Z291-106

SCALING

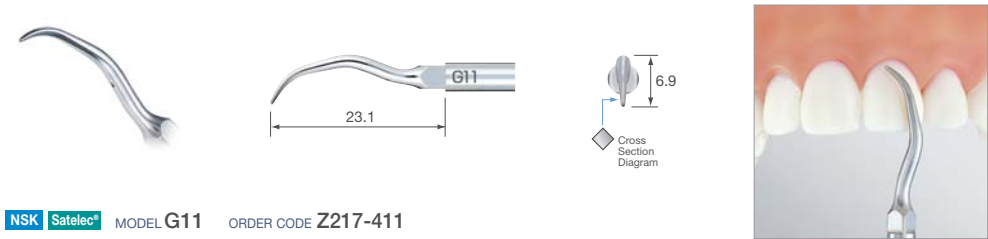


G7 The thick and flat tip is for removing supragingival interdental calculus.



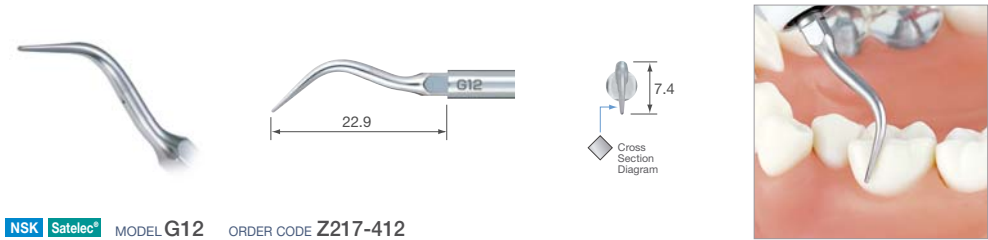
NSK Satelec® MODEL G7 ORDER CODE Z217-107

G11 The tip is similar to a Gracey Curette scaler #1/2 for scaling anterior and molar teeth.



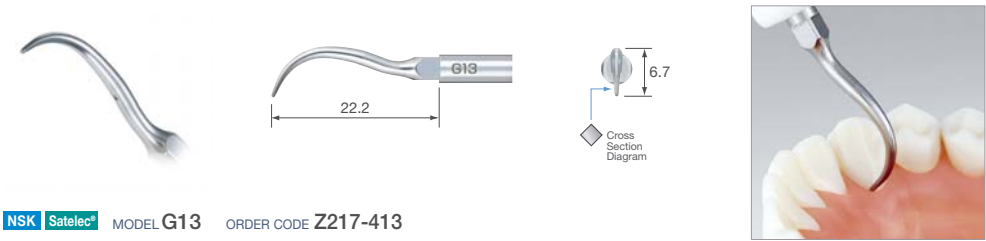
NSK Satelec® MODEL G11 ORDER CODE Z217-411

G12 Removal of supragingival calculus.



NSK Satelec® MODEL G12 ORDER CODE Z217-412

G13 Sickle Scaler type for removal of supragingival calculus. The diamond-shaped cross-section allows efficient scaling.



NSK Satelec® MODEL G13 ORDER CODE Z217-413

*Cross section diagram is the image of a point 1 mm from the end.
The illustrated tip diagram is four times bigger than the actual size.

Satelec® is registered trademarks of Acteon SA, France.
Refer to the power setting chart on pages 52-53.

PERIO

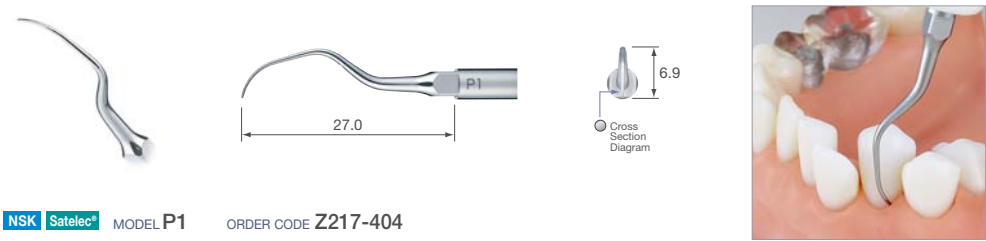
Varios Perio Tips are thin and designed for root planing and maintenance (breaking up biofilm), to provide the best access to furcation and curved roots.



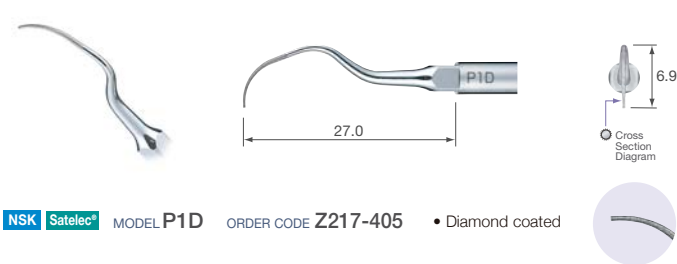
PERIO (Root Planing)



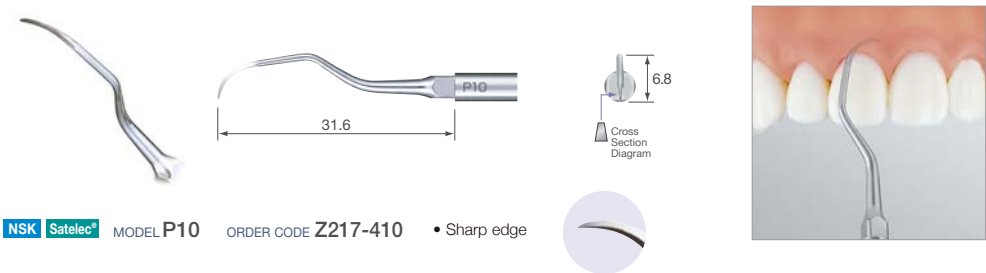
P1 This tip is similar to a Gracey Curette scaler #5/6 for maintaining and finishing root planing of anterior and premolar teeth. The ultra thin tip provides easy access to neighbouring surfaces and crowded areas.



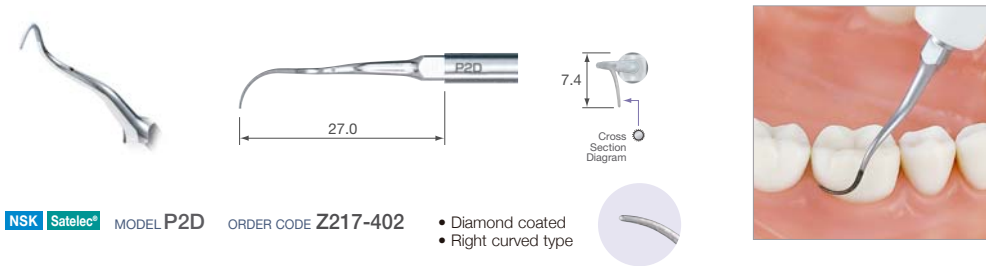
P1D Diamond coated tip with the same shape as P1 tip. Designed for scaling difficult-to-reach areas such as areas close to a root canal and crowded teeth.



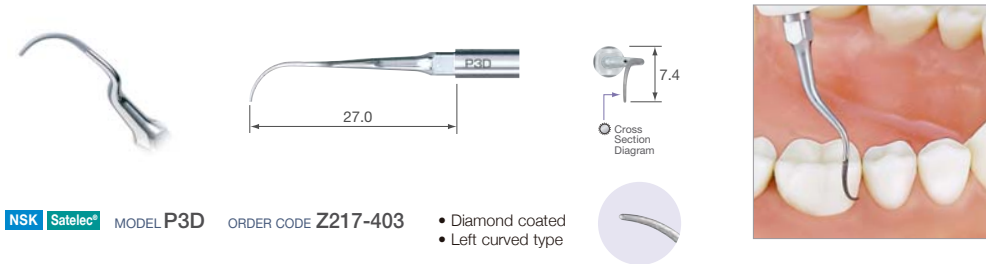
P10 A tip with a sharp edge. Because it provides easy access to pockets, it can be used for full mouth treatment, and is very useful for the removal of hard calculus.



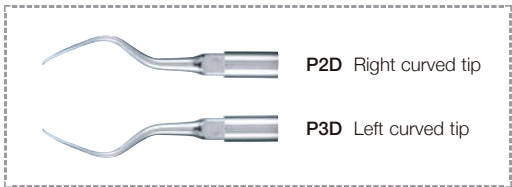
P2D This tip is similar to a Gracey Curette scaler #13/14 diamond coated tip. Designed for treating the mesial and distal sides of molar teeth and used on furcations.



P3D This tip is similar to a Gracey Curette scaler #13/14 diamond coated tip. Designed for treating the mesial and distal sides of molar teeth and used on furcations.



P2D / P3D (From above)



*Cross section diagram is the image of a point 1 mm from the end.
The illustrated tip diagram is four times bigger than the actual size.

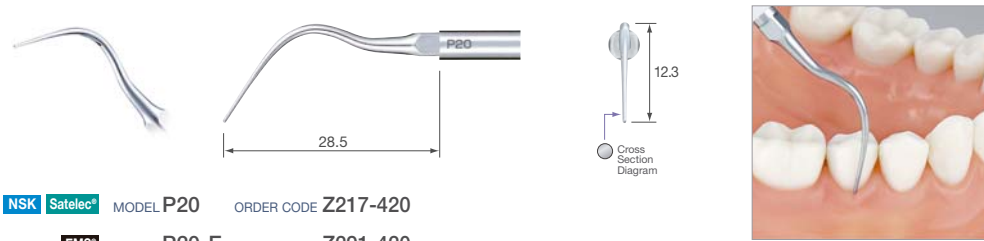
Satelec® is registered trademarks of Acteon SA, France.

Refer to the power setting chart on pages 52-53.

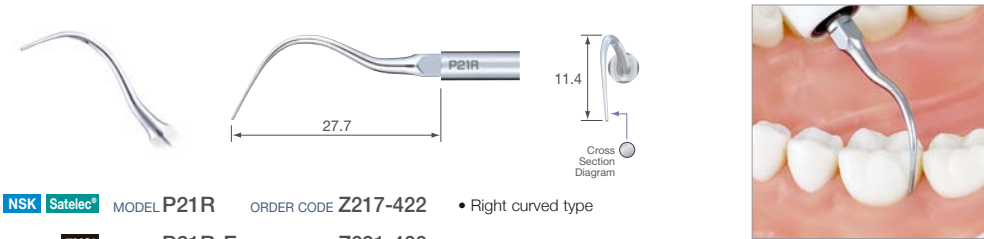
PERIO (Root Planing)



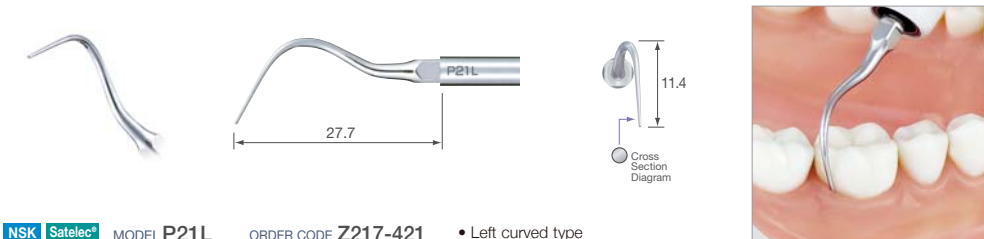
P20 With a round cross-section, the tip can be used for finishing and maintaining teeth surfaces without causing damage. The thin shape provides easy access to pockets, and therefore the tip can be used for full mouth treatment.



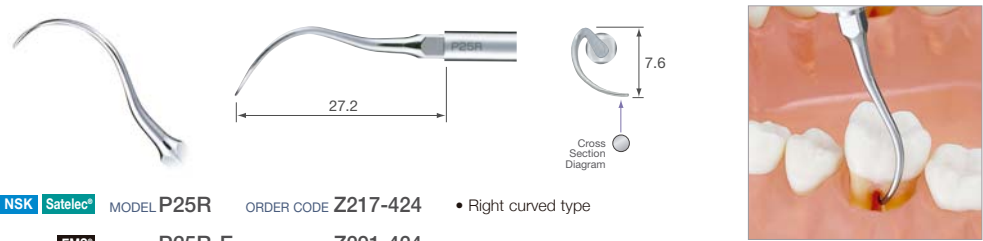
P21R Gently curved tip is designed to provide easy access to neighbouring surfaces of molar teeth.



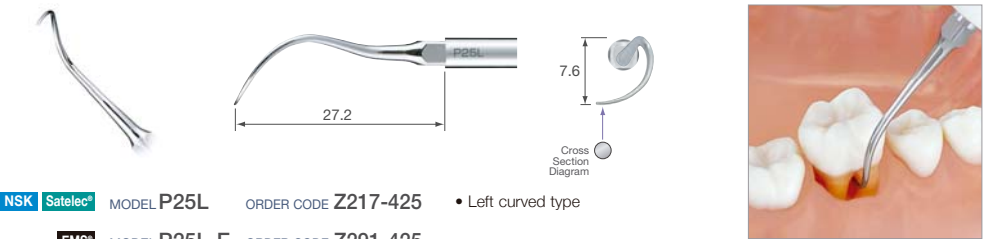
P21L Gently curved tip is designed to provide easy access to neighbouring surfaces of molar teeth.



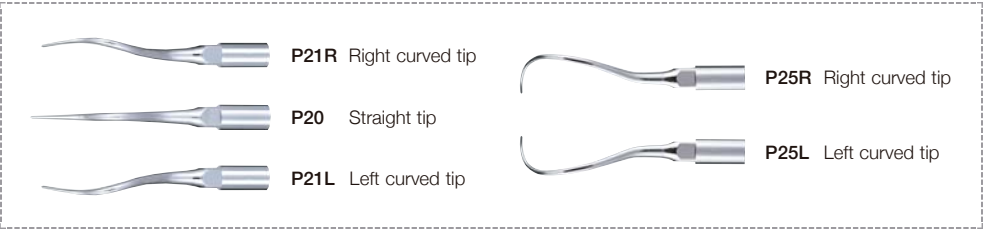
P25R For scaling furcations.



P25L For scaling furcations.



P21R / P20 / P21L / P25R / P25L (From above)



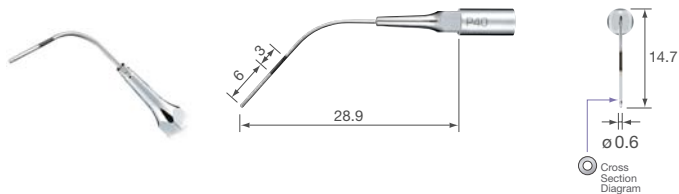
*Cross section diagram is the image of a point 1 mm from the end.
 The illustrated tip diagram is four times bigger than the actual size.

Satelec® is registered trademarks of Acteon SA, France. EMS® is registered trademarks of Electro Medical Systems SA, Switzerland.
 Refer to the power setting chart on pages 52-53.

PERIO (Irrigation and Cleaning)

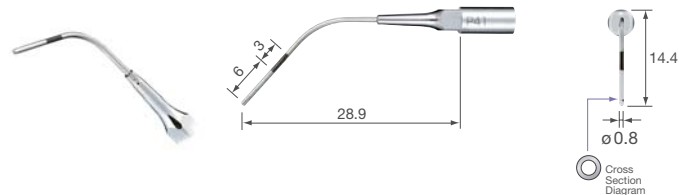
For effective cleaning following debridement or scaling.
*No scaling effect

P40 Safe to use regardless of the pocket condition due to the marking guideline of 3 mm from the position of 6 mm.



NSK Satelec® MODEL P40 ORDER CODE Z217-550 • Tip diameter \varnothing 0.6 mm

P41



NSK Satelec® MODEL P41 ORDER CODE Z217-555 • Tip diameter \varnothing 0.8 mm

Dual irrigation points



- Irrigation from dual points on lateral areas of the apex.
- Effective cleaning regardless of the insertion angle.
- The rounded apex shape for safety in periodontium.

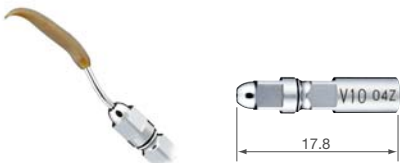
*Cross section diagram is the image of a point 1 mm from the end.
The illustrated tip diagram is four times bigger than the actual size.

MAINTENANCE (V-Tip)

For the maintenance of prostheses and implants.
Produced from special material to allow safe debridement without causing damage to metals and implants. ■ V-Tip System ➡ Pages 36-39



V10



NSK Satelec® MODEL V10 ORDER CODE Z217-041

- Includes E-Tip replacement wrench
- *Plastic Tip is not included

V-P10



MODEL V-P10 ORDER CODE Y900-184

- Pack of 3
- Autoclavable



Satelec® is registered trademarks of Acteon SA, France.

Refer to the power setting chart on pages 52-53.

PERIO

Perio Kit A



NSK Satelec MODEL **Perio Kit A** ORDER CODE **Y900-144**

- P1D, P2D, P3D, P10 : 1 pc. each
- Tip holder : 1 pc.

Perio Kit B

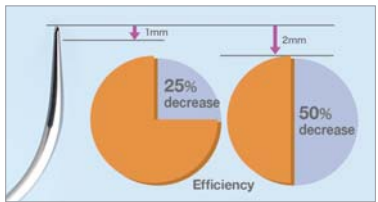


NSK Satelec MODEL **Perio Kit B** ORDER CODE **Y900-145**

- P20, P25R, P25L : 1 pc. each
- Tip holder : 1 pc.

Varios Varios Tip Card - Guide to assessing tip wear

Ultrasonic scaler's tips wear through repeated use. Worn tips swing differently to new tips and do not perform as effectively. To check the condition of the tip, use the Varios Tip Card.



Varios How to use Varios Tip Card (for tips G1, G4, G6, P10, and P20)

1. Place the tip neck in the cut out.
2. Check wear of the tip.
3. See the green, yellow and red line to check wear of the tip. *See below what each colour means.

NSK recommends replacing a tip when the tip meets the yellow line (wear of 1mm) for safe and effective use.

OK **Green: No wear - Tip is OK**
Tip replacement is not necessary

Yellow: Wear of 1mm - Tip showing some wear
Tip replacement is recommended

NO **Red: Wear of 2mm - Tip badly worn**
Tip replacement is necessary

*The Tip Card can be used to check the following tips : G1, G4, G6, P10, and P20

Tip Wrench

Tip Replacement Wrench with Torque Limiter
For tips G1- G68D, P1- P41, E30RD, E30LD, E31D, E32D and V-tip replaceable insets.
*Please tighten the tip until it clicks.

E Tip Replacement Wrench
For V10 (V-tip holder), tips E4, E4D, E5, E6, E7, E7D, E8, E8D, E11, E12 and the inserts of V30 (V-tip holder).

ENDODONTICS

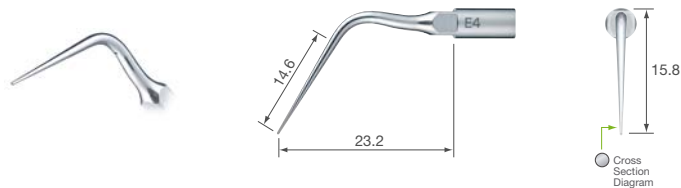
NSK offers endodontic file and tips to achieve quick and effective treatments for root canal enlarging, irrigation, and filling.



ENDODONTICS

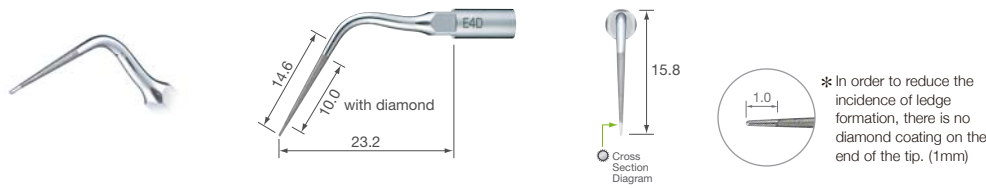


E4 Application for root canal cleaning and removal of foreign particles.



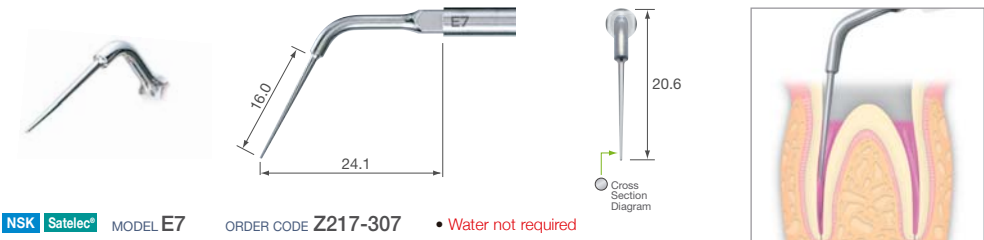
NSK Satelec® MODEL E4 ORDER CODE Z217-428

E4D Application for root canal cleaning and root canal enlargement.



NSK Satelec® MODEL E4D ORDER CODE Z217-528 • Diamond coated

E7 Removal of filling and foreign material.



NSK Satelec® MODEL E7 ORDER CODE Z217-307 • Water not required

E7D Enlargement of root canal wall.



NSK Satelec® MODEL E7D ORDER CODE Z217-317 • Diamond coated

E8 Removal of filling and foreign material.



NSK Satelec® MODEL E8 ORDER CODE Z217-308 • Water not required

E8D Enlargement of root canal wall.



NSK Satelec® MODEL E8D ORDER CODE Z217-318 • Diamond coated

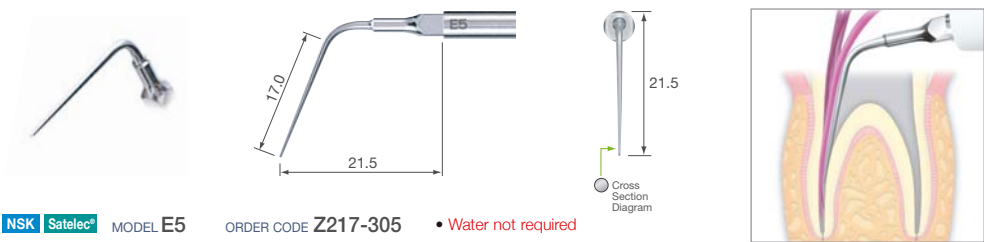
* For tips E4, E4D, E5, E6, E7, E7D, E8, E8D, E11 and E12, please use the attached E Tip Replacement Wrench.
* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

Satelec® is registered trademarks of Acteon SA, France.
Refer to the power setting chart on pages 52-53.

ENDODONTICS

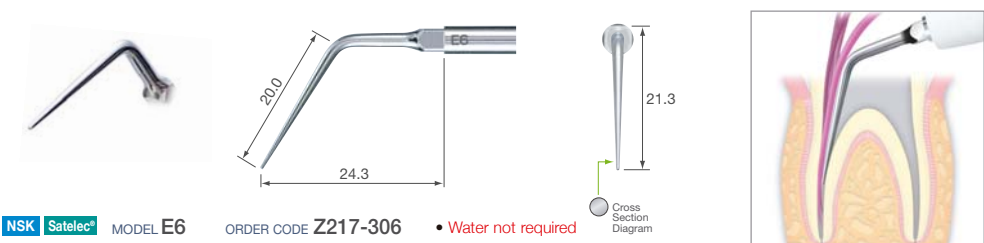


E5 Lateral condensation.



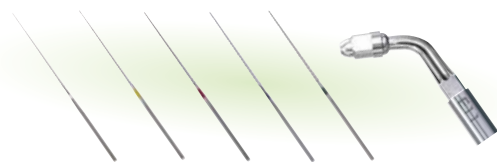
NSK Satelec[®] MODEL E5 ORDER CODE Z217-305 • Water not required

E6 Lateral condensation.



NSK Satelec[®] MODEL E6 ORDER CODE Z217-306 • Water not required

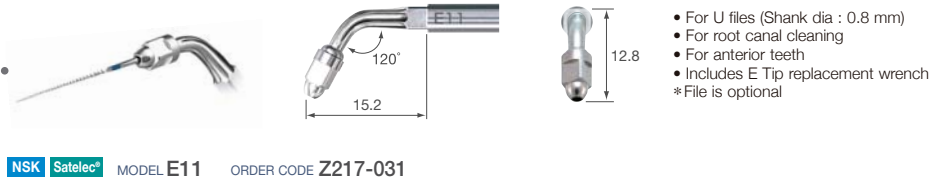
Endo Kit E11 For anterior teeth



NSK Satelec[®] MODEL Endo Kit E11 ORDER CODE Y900-146

- E11 : 1 pc. 120° angle holder for anterior teeth
- E Tip replacement wrench : 1 pc.
- U files 33 mm #15, #20, #25, #30, #35 : Pack of 6 each size

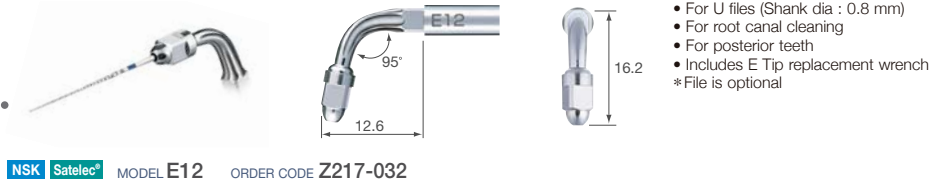
E11 120° Angle Holder for U files



NSK Satelec[®] MODEL E11 ORDER CODE Z217-031

- For U files (Shank dia : 0.8 mm)
- For root canal cleaning
- For anterior teeth
- Includes E Tip replacement wrench
- * File is optional

E12 95° Angle Holder for U files



NSK Satelec[®] MODEL E12 ORDER CODE Z217-032

- For U files (Shank dia : 0.8 mm)
- For root canal cleaning
- For posterior teeth
- Includes E Tip replacement wrench
- * File is optional

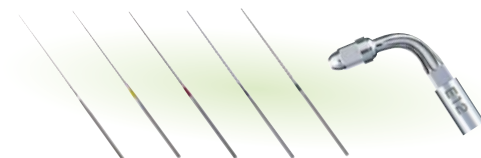
U Files

Length : 33 mm
Shank dia. : 0.8 mm

- ISO15 • Pack of 6
- ISO20 • Pack of 6
- ISO25 • Pack of 6
- ISO30 • Pack of 6
- ISO35 • Pack of 6

- MODEL U files 33 mm / #15 ORDER CODE Y900-062
- MODEL U files 33 mm / #20 ORDER CODE Y900-063
- MODEL U files 33 mm / #25 ORDER CODE Y900-064
- MODEL U files 33 mm / #30 ORDER CODE Y900-065
- MODEL U files 33 mm / #35 ORDER CODE Y900-066

Endo Kit E12 For posterior teeth



NSK Satelec[®] MODEL Endo Kit E12 ORDER CODE Y900-147

- E12 : 1 pc. 95° angle holder for posterior teeth
- E Tip replacement wrench : 1 pc.
- U files 33 mm #15, #20, #25, #30, #35 : Pack of 6 each size

* For tips E4, E4D, E5, E6, E7, E7D, E8, E8D, E11 and E12, please use the attached E Tip Replacement Wrench.

* Cross section diagram is the image of a point 1 mm from the end. The illustrated tip diagram is four times bigger than the actual size.

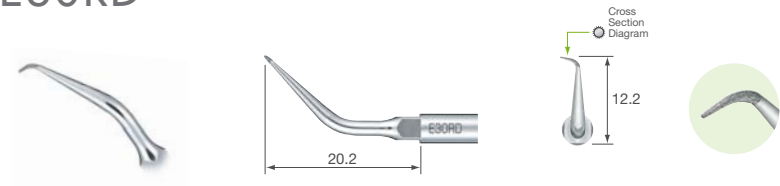
RETROGRADE ENDO

The microscopic diamond coated tip allows effective removal of dentin at the apex.
2 types of angled tips (90°, 70°) are available for anterior teeth and another 2 types of curved tips (right and left) are available for molar teeth.



E30RD

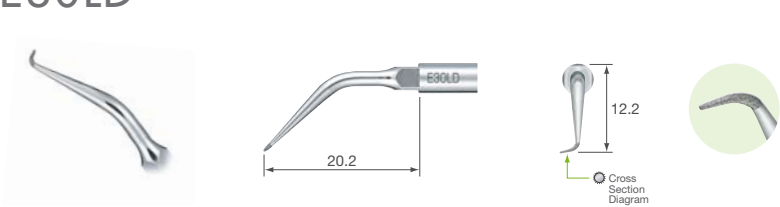
Diamond coated tip allows efficient cavity preparation.



NSK Satelec® MODEL E30RD ORDER CODE Z217-212 • Diamond coated • For posterior teeth (right angled)

E30LD

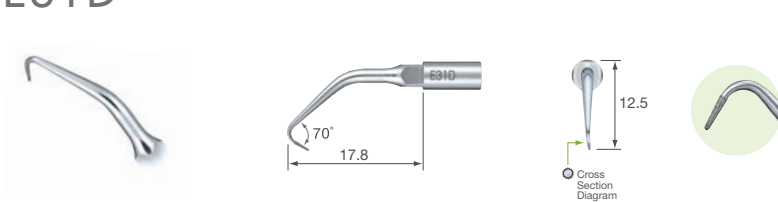
Diamond coated tip allows efficient cavity preparation.



NSK Satelec® MODEL E30LD ORDER CODE Z217-213 • Diamond coated • For posterior teeth (left angled)

E31D

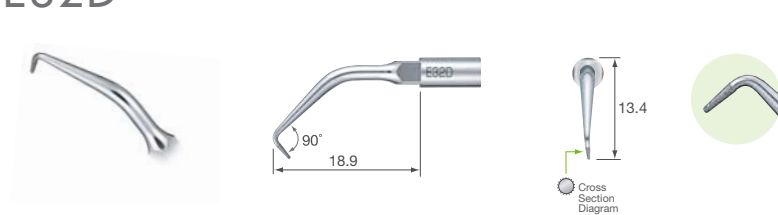
Diamond coated tip allows efficient cavity preparation.



NSK Satelec® MODEL E31D ORDER CODE Z217-210 • Diamond coated • For anterior and posterior teeth (70°)

E32D

Diamond coated tip allows efficient cavity preparation.



NSK Satelec® MODEL E32D ORDER CODE Z217-211 • Diamond coated • For anterior teeth (90°)



Retro Kit



NSK Satelec® MODEL Retro Kit ORDER CODE Y900-149

- E30RD, E30LD, E31D, E32D : 1 pc. each
- Tip holder : 1 pc.

*Cross section diagram is the image of a point 1 mm from the end.
The illustrated tip diagram is four times bigger than the actual size.

Satelec® is registered trademarks of Acteon SA, France.
Refer to the power setting chart on pages 52-53.

RESTORATIVE

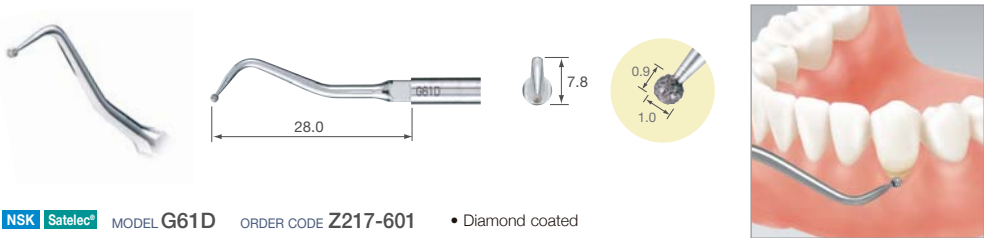
Ultrasonic vibration is applied to the tooth surface. The compact handpiece is ideal for small mouths and at sites where a rotary handpiece is difficult to access. A variety of tips are available for caries removal and tooth surface detailing.



RESTORATIVE



G61D Use the tip with the spherical diamond at the top. Bleeding occurs rarely. (G61D / G62D)



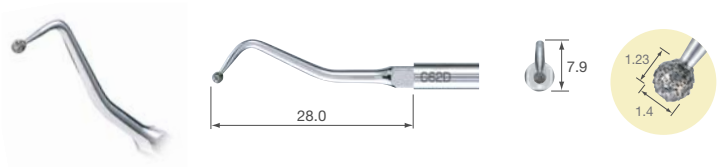
NSK Satelec® MODEL **G61D** ORDER CODE **Z217-601** • Diamond coated

G67D



NSK Satelec® MODEL **G67D** ORDER CODE **Z217-607** • Diamond coated

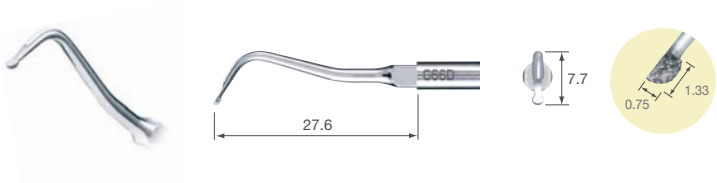
G62D



NSK Satelec® MODEL **G62D** ORDER CODE **Z217-602** • Diamond coated

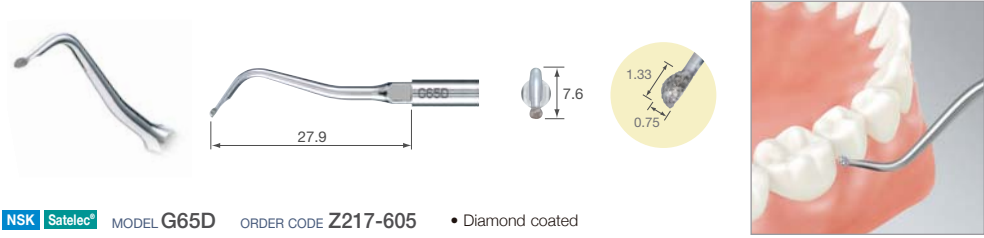
G66D

For anterior interproximal caries. Only decayed dentin can be removed like with G65D tip. (G66D / G68D)



NSK Satelec® MODEL **G66D** ORDER CODE **Z217-606** • Diamond coated

G65D For posterior interproximal caries. The hemispherical top of the tip does not allow cutting of sound tooth tissue. (G65D / G67D)



NSK Satelec® MODEL **G65D** ORDER CODE **Z217-605** • Diamond coated

G68D



NSK Satelec® MODEL **G68D** ORDER CODE **Z217-608** • Diamond coated

PROSTHETICS

Tips for the removal of prostheses, for amalgam condensation are provided as well as for scaling, perio and endodontic.

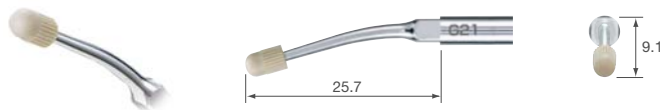


PROSTHETICS

Condensation / Loosening / Plugging



G21 For cementing a small prosthesis such as an inlay for anterior teeth.



NSK Satelec® MODEL **G21** ORDER CODE **Z217-010** • For anterior teeth • Water not required
• 3 caps supplied

G22 For cementing a large prosthesis such as an onlay or a crown for molar teeth.



NSK Satelec® MODEL **G22** ORDER CODE **Z217-020** • For posterior teeth • Water not required
• 3 caps supplied



Tip Cap

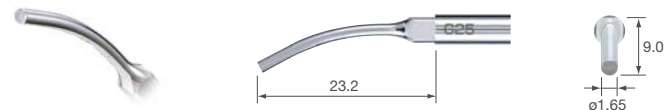


MODEL **Tip Cap** ORDER CODE **Y140-751**

- For G21 / G22
- Pack of 10
- Autoclavable



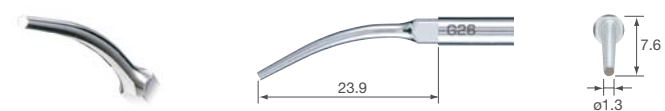
G25 Crown removal. (ø1.65 mm thickness)



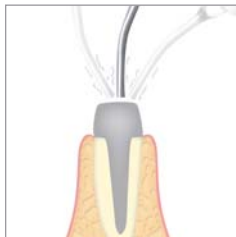
NSK Satelec® MODEL **G25** ORDER CODE **Z217-205** • Water not required



G26 Post removal. (ø1.3 mm thickness)



NSK Satelec® MODEL **G26** ORDER CODE **Z217-206**



G28 Amalgam condensation.



NSK Satelec® MODEL **G28** ORDER CODE **Z217-208** • Water not required



V-TIP SYSTEM

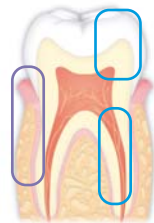
The V-Tip System is unique to NSK. This tip features interchangeable inserts. The replaceable inserts make the tip suitable for various applications such as enlarging, shaping, and cleaning root canals, removal of broken files and identifying root canals. It is very economical to replace because only worn parts need to be replaced.



V-TIP SYSTEM



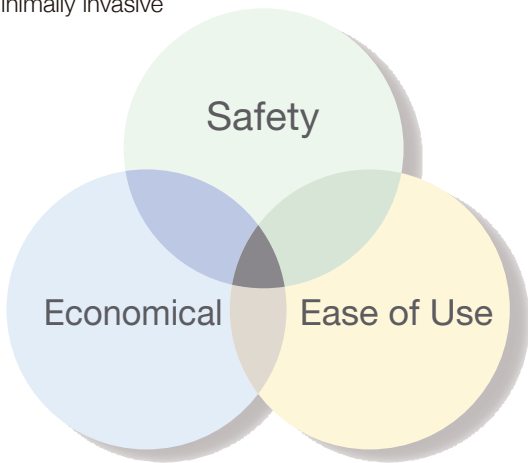
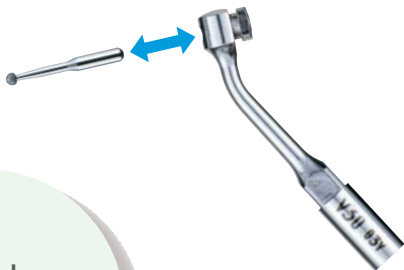
NSK Varios V-Tip holder system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical applications.



3 Features

Safety

- Minimal damage to soft tissue
- Less risk of bleeding
- Cutting with ultrasonic instruments is minimally invasive



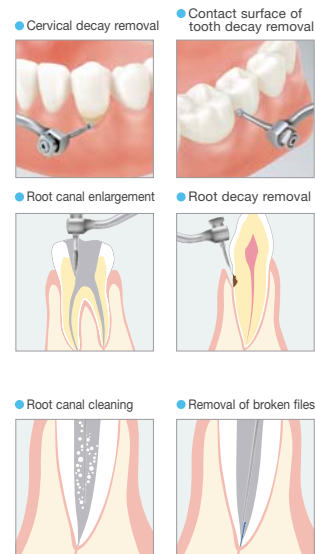
Economical

- One tip - Replaceable inserts
- Inserts are inexpensive

Ease of Use

- Small tip head guarantees excellent visibility
- Small head enables great access to distal sides of molar teeth and buccal area.
- One tip meets the wide requirements of many clinical applications

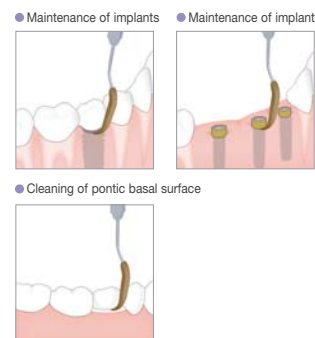
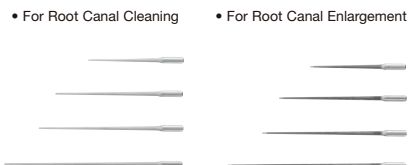
V-TIP System Line Up



Restorative Pages 42-46



Endodontics Pages 40-41



Maintenance Page 17

- For Prostheses or Implant Maintenance



V-TIP SYSTEM (Endodontics)



For Root Canal Cleaning

V-S50		MODEL V-S50 ORDER CODE Y900-169 <ul style="list-style-type: none"> For root canal cleaning 17 mm Pack of 3
V-S51		MODEL V-S51 ORDER CODE Y900-170 <ul style="list-style-type: none"> For root canal cleaning 23 mm Pack of 3
V-S52		MODEL V-S52 ORDER CODE Y900-171 <ul style="list-style-type: none"> For root canal cleaning 26 mm Pack of 3
V-S53		MODEL V-S53 ORDER CODE Y900-172 <ul style="list-style-type: none"> For root canal cleaning 32 mm Pack of 3

V30

NSK Satelec MODEL **V30** ORDER CODE **Y217-030**

- Includes E Tip replacement wrench
- * Tip is optional

For Root Canal Enlargement

V-S50D		MODEL V-S50D ORDER CODE Y900-173 <ul style="list-style-type: none"> Diamond coated For root canal enlargement 17 mm Pack of 3
V-S51D		MODEL V-S51D ORDER CODE Y900-174 <ul style="list-style-type: none"> Diamond coated For root canal enlargement 23 mm Pack of 3
V-S52D		MODEL V-S52D ORDER CODE Y900-175 <ul style="list-style-type: none"> Diamond coated For root canal enlargement 26 mm Pack of 3
V-S53D	 <p>* In order to reduce the incidence of ledge formation, there is no diamond coating on the end of the tip. (1mm)</p>	MODEL V-S53D ORDER CODE Y900-176 <ul style="list-style-type: none"> Diamond coated For root canal enlargement 32 mm Pack of 3

V30

NSK Satelec MODEL **V30** ORDER CODE **Y217-030**

- Includes E Tip replacement wrench
- * Tip is optional

V-TIP SYSTEM (Restorative)



The advantage of ultrasonic cutting is that tip movement is minute allowing only decayed dentine to be removed, while sound dentine is preserved. Cervical decay can be treated with minimum bleeding enabling quicker recovery.



For Minimal Intervention

V-G70

MODEL V-G70

ORDER CODE Y900-118

- Diamond coated
- Pack of 3

V-G71

MODEL V-G71

ORDER CODE Y900-119

- Diamond coated
- Pack of 3

V-G72

MODEL V-G72

ORDER CODE Y900-120

- Diamond coated
- Pack of 3

V30

NSK Satelec

MODEL V30

ORDER CODE Y217-030

- Includes E Tip replacement wrench
- * Tip is optional



For Minimal Intervention

V-G75

MODEL V-G75

ORDER CODE Y900-121

- Diamond coated
- Pack of 3

V-G76

MODEL V-G76

ORDER CODE Y900-122

- Diamond coated
- Pack of 3

V30

NSK Satelec

MODEL V30

ORDER CODE Y217-030

- Includes E Tip replacement wrench
- * Tip is optional



V-TIP SYSTEM (Restorative)



The NSK Varios V-Tip System has been developed to carry out “Minimally Invasive” dental procedures. As an alternative to rotary cutting, the Varios V-Tip offers precise and effective ultrasonic technology cutting.



For Finishing / Trimming / Polishing

V-G77

Normal grade

MODEL **V-G77** ORDER CODE **Y900-165**

- Diamond coated
- Pack of 3

V-G78

Fine grade

MODEL **V-G78** ORDER CODE **Y900-166**

- Diamond coated
- Pack of 3

V-G79

Super fine grade

MODEL **V-G79** ORDER CODE **Y900-167**

- Diamond coated
- Pack of 3

V30

NSK Satelec MODEL **V30** ORDER CODE **Y217-030**

- Includes E Tip replacement wrench
- * Tip is optional

For Caries of Dentin

V-S1

MODEL **V-S1** ORDER CODE **Y900-161**

- Stainless tip
- Pack of 3

V-S3

MODEL **V-S3** ORDER CODE **Y900-162**

- Stainless tip
- Pack of 3

V-S33

MODEL **V-S33** ORDER CODE **Y900-163**

- Stainless tip
- Pack of 3

V30

NSK Satelec MODEL **V30** ORDER CODE **Y217-030**

- Includes E Tip replacement wrench
- * Tip is optional

44 ■ V-Tip System

Satelec® is registered trademarks of Acteon SA, France.
Refer to the power setting chart on pages 52-53.

V-Tip System ■ 45

V-TIP SYSTEM (Restorative)

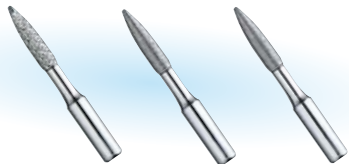


Assorted Tip Kit (For Minimal Intervention)



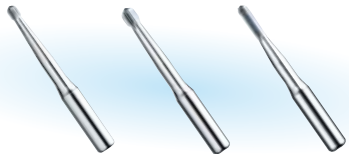
MODEL **Assorted Tip Kit** ORDER CODE **Y900-158**
• V-G70, V-G71, V-G72, V-G75, V-G76 : 1 pc. each

Assorted Tip Kit (For Finishing / Trimming / Polishing)



MODEL **Assorted Tip Kit** ORDER CODE **Y900-168**
• V-G77, V-G78, V-G79 : 1 pc. each

Assorted Tip Kit (For Caries of Dentin)



MODEL **Assorted Tip Kit** ORDER CODE **Y900-164**
• V-S1, V-S3, V-S33 : 1 pc. each

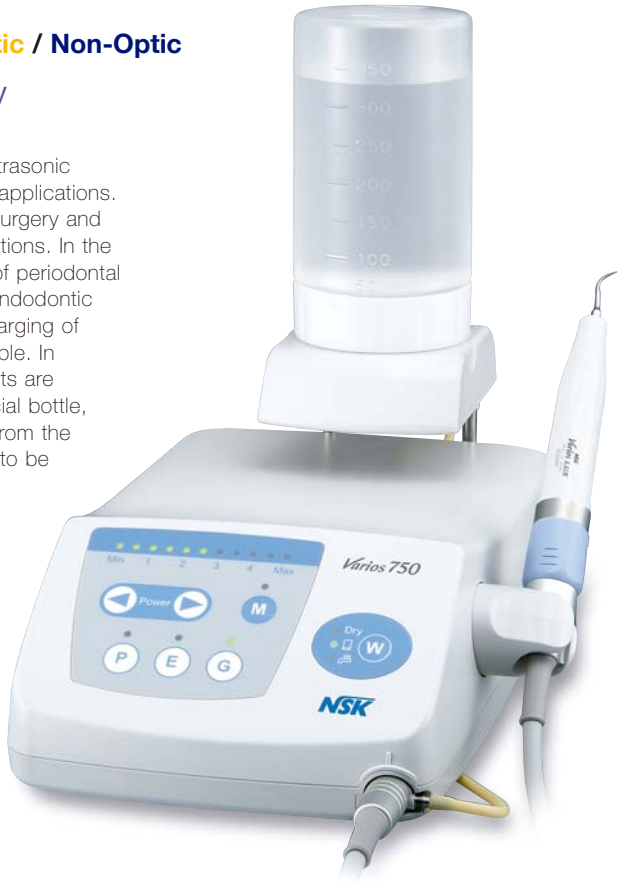
Varios series

A Choice of 3 Control Units are Available to Operate Optic or Non-Optic Handpieces

Varios 750 Optic / Non-Optic

Optimum Clinical Versatility

NSK has developed the Varios 750 Ultrasonic System to support a variety of clinical applications. Varios 750 covers Perio, Endodontic surgery and Minimal Intervention restorative applications. In the Perio region, scaling and disinfection of periodontal pockets is especially supported. For endodontic surgery, the removal, cleaning and enlarging of residues in the root canal are all possible. In restorative therapy, MI-based treatments are supported. Various 750 utilises a special bottle, in addition to the water supply circuit from the unit, enabling the appropriate solution to be used for clinical purposes.



Specifications

- Power Supply : AC 120V or 230V 50/60 Hz
- Frequency : 28~32 KHz
- Max. output : 8 W (G mode)
- Dimensions : W162 x D274 x H120 (mm)
- Unit weight : 2.2 kg
- Bottle volume : 350 mL

Varios 750 Complete Packs



Varios 750 LUX Complete Pack Optic

MODEL VA750 LUX (120V) ORDER CODE Y141-058

MODEL VA750 LUX (230V) ORDER CODE Y141-059

Varios 750 Complete Pack Non-Optic

MODEL VA750 (120V) ORDER CODE Y141-051

MODEL VA750 (230V) ORDER CODE Y141-052

Contents

- Control unit • Handpiece • Handpiece cord • 3 Scaling tips (G1, G4, G6)
- Foot control (FC-60) • 2 x Irrigation Bottles • Water filter set • Water supply connector
- Tip replacement wrench with torque limiter • Tip Holder • Tip Cover S • Power cord

Varios 560 Optic / Non-Optic

Benchtop Multi Function Ultrasonic Scaler

Three Power Modes

Now available with the Varios Optic handpiece, Varios 560 offers 3 power modes that can be selected at the touch of a button. Each mode corresponds to the various types of NSK tips. The choices are "G" (General), "E" (Endo) and "P" (Perio) mode. The selected mode is visually indicated via the LED display. The power button allows fine adjustment within each power mode setting. Additionally, by selecting the "P" mode, the absolute minimum stable power is activated, enabling the most efficient Perio treatment.



Specifications

- Power Supply : AC 120V or 230V 50/60 Hz
- Frequency : 28~32 KHz
- Max. output : 8 W (G mode)
- Dimensions : W109 x D194 x H95 (mm)
- Unit weight : 1.2 kg

Varios 560 Complete Packs



Varios 560 LUX Complete Pack Optic

MODEL VA560 LUX 120S ORDER CODE Y141-225

MODEL VA560 LUX 230S ORDER CODE Y141-228

Varios 560 Complete Pack Non-Optic

MODEL VA560 120S ORDER CODE Y141-226

MODEL VA560 230S ORDER CODE Y141-229

Contents

- Control unit • Handpiece • Handpiece cord • 3 Scaling tips (G1, G4, G6)
- Water filter set • Water supply connector • Foot control (FC-60)
- Tip replacement wrench with torque limiter • Tip Holder • Tip Cover S • Power cord

Varios 350 Optic / Non-Optic

Compact Multi Function Ultrasonic Scaler

Compact and Lightweight

Varios 350 has been developed as a compact portable system, but with the capability to attach quickly and easily to any dental unit. The design is user friendly, simple to operate and is adaptable to a variety of clinical procedures. Available in Optic and Non-Optic models.

Three Power Modes

Turn the dial to select any one of 3 power modes. Each mode specifically corresponds to the type of tips. The choices are "G" (General), "E" (Endo) and "P" (Perio) mode. The chosen mode can be visually checked via the colour coded indicator on the module fascia. The power dial allows fine adjustment within each power mode. Additionally, by selecting the "P" mode, the absolute minimum stable power is activated, enabling the most efficient Perio treatment.



Specifications

- Power Supply : AC 120V or 230V 50/60 Hz
- Frequency : 28~32 KHz
- Max. output : 8 W (G mode)
- Dimensions : W80 x D125 x H32 (mm)
- Unit weight (Control unit, Handpiece) : 440g (350LUX), 393g (350)



Varios 350 Complete Packs



Contents

- Control unit with Handpiece cord
- AC Adaptor
- Handpiece
- Handpiece Holder
- Water filter set
- Water supply connector
- Foot control (FC-61)
- 3 Scaling tips (G1, G4, G6)
- Tip replacement wrench with torque limiter
- Tip Holder
- Tip Cover S

Varios 350 LUX Complete Pack Optic

- MODEL VA350 LUX (120V) ORDER CODE Y140-960
- MODEL VA350 LUX (230V) ORDER CODE Y140-962

Varios 350 Complete Pack Non-Optic

- MODEL VA350 (120V) ORDER CODE Y140-952
- MODEL VA350 (230V) ORDER CODE Y140-954

Please Request a Copy of the Varios Support Kit

Varios CD-ROM

By using concrete examples, this CD-ROM shows how to use Varios 750 and tips effectively and efficiently.

About Advantages of Ultrasonic Scaler

Presented by Dr. Hideaki Hirooka

Varios 750 Features

- Power Range Setting & Memory Function
- Bottle • Handpiece • Water Mode Selection

Varios Tips

*Supervised by Dr. Hideaki Hirooka



TIP CARD / POWER GUIDE

Tip Card for checking wear of Varios tips.

*All Varios models are supplied with a tip card and a power guide.



Professional Oral Care

The educational book series from NSK.



Power Guide According to Clinical Applications

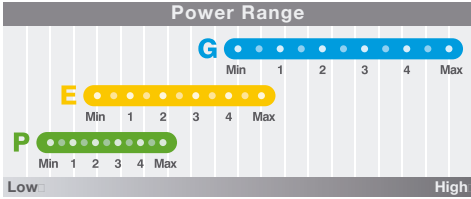
Please always select correct power setting for each Tip.

Tip No.	NSK Varios 750 / 560 / 350	Satelec® P-Max	EMS® Piezon Master 400 (Mini Piezon)
SCALING			
G1	G 3	S 8	0 ~ 50% (1 ~ 5)
G2	G Max	S 7	0 ~ 50% (1 ~ 6)
G3	G 3	S 5	0 ~ 25% (1 ~ 3)
G4	G 3	S 4	0 ~ 25% (1 ~ 2)
G5	G 3	S 4	—
G6	G 1	S 5	0 ~ 50% (1 ~ 4)
G7	G Max	S 10	—
G11	G 3	S 6	—
G12	G 3	S 10	—
G13	G 3	S 7	—
PERIO			
P1	P 2	P 10	—
P1D	P 2	P 10	—
P2D	P 4	P 10	—
P3D	P 4	P 10	—
P10	P Max	P 10	—
P20	P 4	P 10	0 ~ 50% (1 ~ 5)
P21R	P 4	P 10	0 ~ 50% (1 ~ 5)
P21L	P 4	P 10	0 ~ 50% (1 ~ 5)
P25R	P 4	P 10	0 ~ 50% (1 ~ 5)
P25L	P 4	P 10	0 ~ 50% (1 ~ 5)
P40	P 1	P 3	—

Tip No.	NSK Varios 750 / 560 / 350	Satelec® P-Max	EMS® Piezon Master 400 (Mini Piezon)
P41	P 1	P 5	—
V-P10	P 3	P 7	—
ENDODONTICS			
E4	E 3	E 6	—
E4D	E 3	E 6	—
E5	E 3	E 8	—
E6	E 4	E 10	—
E7	E Max	E 10	—
E7D	E Max	E 10	—
E8	E 4	E 9	—
E8D	E 4	E 10	—
E11	E 3	E 8	—
E12	E 3	E 8	—
E30RD	E 3	E 8	—
E30LD	E 3	E 8	—
E31D	E 3	E 8	—
E32D	E 3	E 8	—
RESTORATIVE			
G61D	G 2	S 8	—
G62D	G 3	S 7	—
G65D	G 2	S 3	—
G66D	G 2	S 6	—
G67D	G 3	S 7	—

Tip No.	NSK Varios 750 / 560 / 350	Satelec® P-Max	EMS® Piezon Master 400 (Mini Piezon)
G68D	G 3	S 8	—
PROSTHETICS			
G21	G 2	S 3	—
G22	G 2	S 3	—
G25	G 4	S 6	—
G26	G Max	S 7	—
G28	G 2	S 2	—
V-TIP (ENDODONTICS)			
V-S50	E 3	E 4	—
V-S50D	E 3	E 4	—
V-S51	E 1	E 3	—
V-S51D	E 1	E 3	—
V-S52	E 2	E 6	—
V-S52D	E 2	E 6	—
V-S53	E 2	E 7	—
V-S53D	E 2	E 7	—
V-TIP (RESTORATIVE)			
V-G70	G 3	S 5	—
V-G71	G 3	S 5	—
V-G72	G 3	S 4	—
V-G75	G 1	S 2	—
V-G76	G 3	S 6	—
V-G77	G 3	S 9	—

Tip No.	NSK Varios 750 / 560 / 350	Satelec® P-Max	EMS® Piezon Master 400 (Mini Piezon)
V-G78	G 3	S 9	—
V-G79	G 3	S 9	—
V-S1	E 3	E 6	—
V-S3	E 3	E 6	—
V-S33	E 3	E 6	—



<Caution>

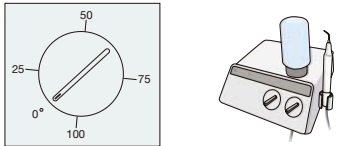
- Consult the operating manual and attached sheets before use.
- Always use with correct power mode and power range of each tip.
- Use with enough irrigation to prevent excessive heat during the treatment.
- Always start out with lower power to adjust the suitable setting.
- Make sure if the tip is securely tightened and the power is set at an appropriate level before use.

*The wrong operation may cause tip breakage even if tip is used within the recommended power range. Consult the operation manual before use.

Maximum power mode **G 3** : Figures in the power guide indicate the appropriate power range and maximum power level for each tip. Do not exceed the maximum power level to avoid possible tip breakage.

GUIDE TO EMS POWER SETTING

Turn the power control knob from 0 position to 25%, 50%, 75% and 100%.



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EMS®, Piezon & Mini Piezon are registered trademarks of Electro Medical Systems SA, Switzerland.