

ORAL HYGIENE

Varios Combi Pro

Two Maintenance Systems in One

Combining ultrasonic scaling and powder therapy for more effective and comfortable oral hygiene and biofilm control.



Innovative New Design Enables Clinicians to Safely and Efficiently Combine Two Applications

Two systems in one

NSK has combined ultrasonic treatment and powder therapy into a single professional treatment unit that streamlines procedures and saves time and space.

Automatically sets powder therapy functions for supragingival or subgingival applications

The clinician simply attaches the relevant powder chamber, and the unit automatically selects the functions for supragingival or subgingival applications. This prevents selection errors.

Independent unit and chamber

The detachable chamber and handpiece make it possible to easily switch between supragingival and subgingival applications and make the unit extremely user and maintenance friendly.

No more clogging

By keeping the control unit, handpiece and handpiece hose separate the risk of powder blockages inside the unit has been completely eliminated. The components carrying powder and water are all easily accessible for maintenance and service.

Keeps both powder types separate

Separate chambers, handpieces, and handpiece hoses for supragingival and subgingival procedures eliminate the risk of powder mixing or powder entering the control unit.

Varios Combi Pro

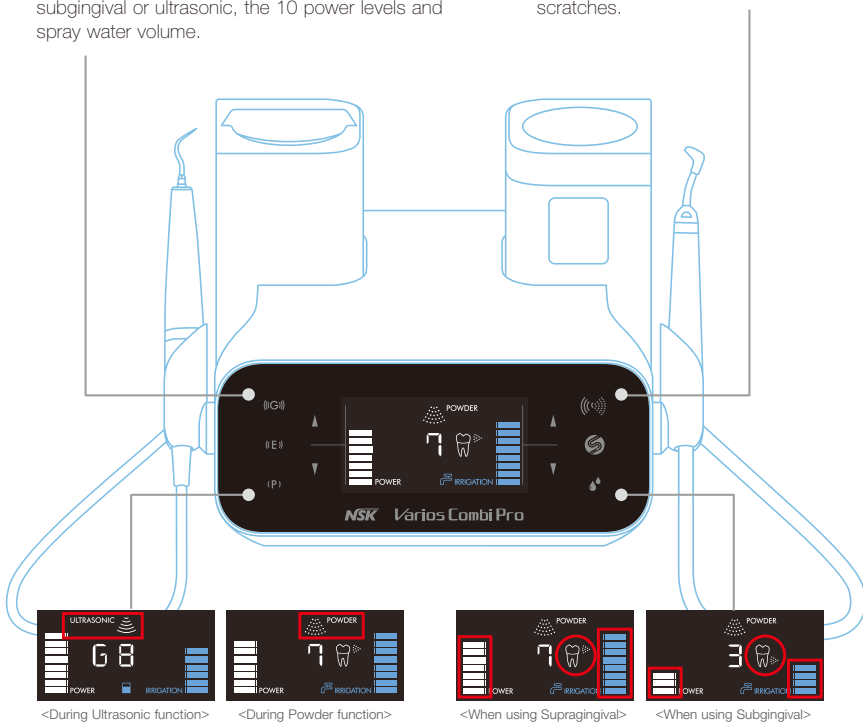
Optimizing Manoeuvrability

Clear display

A clear function display enhances safety and efficiency by enabling clinicians to quickly confirm which programme is in use: supragingival, subgingival or ultrasonic, the 10 power levels and spray water volume.

Large LCD panel

The LCD panel offers excellent visibility and contrast and is specially coated to resist powder scratches.



Automatic switching from ultrasonic to powder function

An automatic recognition sensor switches from ultrasonic to powder function when a handpiece is picked up from the holder.

Store previous settings

The system memory can store such treatment parameters as water volume, air pressure and ultrasonic power settings. Simply pick up the handpiece to switch settings.

*For powder functions, settings change when replacing the chamber.

Controls all Key Operations for Procedures

Multi-Foot Control

NSK extensively researched foot movement and sensory feeling when developing the Multi-Foot Control to enable clinicians to operate the unit hands-free to facilitate uninterrupted procedures. Just using the foot the user can switch ultrasound or powder modes on or off and change power settings. Combined with a hanger, this offers complete hands-free operations.



ORAL HYGIENE

Optional PERIO-SYSTEM

MODEL Varios Combi Pro Perio Set

ORDER CODE Y1003042

Contents

- PERIO-CHAMBER
- PERIO-Hose
- PERIO-Handpiece
- Perio-Mate Nozzle tip
- Perio-Mate Nozzle tip remover
- Perio-Mate powder



Varios Combi Pro Basic Set

MODEL Varios Combi Pro Basic Set ORDER CODE Y1002843

Contents

- PROPHY-Handpiece with 60° Nozzle
- PROPHY-CHAMBER
- FLASH pearl (5pcs. x 15g sachets)
- Maintenance kit
- VA2LUX-Handpiece
- VA2LUX-Hose
- 3 Scaling tips
- Sterilization case
- Irrigation bottle (400mL)
- Foot control

Specifications

- Power Supply : AC 100V-240V 50/60 Hz
- Frequency : 28-32 KHz
- Dimensions : W225 x D290 x H162 (mm) (including chamber)
- Unit weight : 2.7 kg (Except attachment)
- Bottle volume : 400 mL



Varios series

Multi Function Ultrasonic Scalers

Outstanding Performance & Versatility

The all Varios series feature the latest developments in piezo technology; The iPiezo engine from NSK assures stable output by automatically adjusting to the optimum frequency depending on the loading of the tip. The slimmer Varios series handpieces allow the operator to work more efficiently by improving accessibility to the oral cavity considerably. The optic Varios handpiece is the slimmest and lightest handpiece currently available in the market. The twin LED lights assure excellent virtually shadow free visibility, dramatically improving working conditions in the operating area.



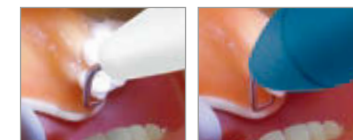
Twin LED lights

Advantages

- Slimmest and lightest handpiece with LED illumination
- iPiezo engine ensures stable power output and performance
- Twin LED lights through twin optical glass rods
- Optic and non-optic handpieces available
- Extensive tip range for a wide range of applications

Well Balanced, Slimmest and Lightest Handpiece with LED Illumination

The extremely slim Varios2 handpiece allows excellent accessibility and high visibility is ensured, offering more comfortable use. The handpiece can be repeatedly autoclaved up to 135°C and processed in a thermo disinfectant.



Varios2 Handpiece

Competitor



LED Optic Handpiece VA2-LUX-HP



Non-Optic Handpiece VA2-HP



NSK LED delivers natural daylight quality light bringing significant advantages to the way you work

Clearer : LEDs generate natural daylight quality light which assures clearer vision when compared to halogen light.

Durable : LED light sources are longer lasting and more durable than halogen bulbs.

ORAL HYGIENE



iPiezo engine®



Feedback Function

The NSK iPiezo engine supplies the appropriate power to the tip depending on the condition of the tooth surface.

iPiezo engine provides a stable frequency output without dropping the power, even when removing hard calculus.

Auto Tuning Function

The Auto Tuning Function provides stable frequency to the tip at the selected power range. It allows the operator to feel the power output which ensures the optimum result.



Varios 970 Optic / Non-Optic iPiezo engine®

Multifunction Portable Unit for Extreme Versatility

All-in-one – Stylish compact all-in-one unit for Periodontic, Endodontic, Scaling, MI applications and Implant maintenance. Convenient large capacity bottles of 400 mL of the same solution each or different solutions with independent pumps. The all Varios features the latest developments in piezo technology; The iPiezo engine from NSK assures stable output by automatically adjusting to the optimum frequency depending on the loading of the tip.



Advantages

- All-in – Stylish compact all-in one unit for Periodontic, Endodontic, Scaling, MI applications and Implant maintenance
- Stable vibration and power by newly developed iPiezo engine
- Convenient large capacity bottles of 400 mL each or different solutions with independent pumps
- Excellent illumination of the treatment area is guaranteed by the twin LEDs guided through twin glass rods

Specifications

- Power Supply : AC 230V 50/60 Hz
- Frequency : 28-32 KHz
- Max. output : 11 W (G mode)
- Dimensions : W160 x D270 x H190 (mm) (Including Bottle)
- Unit weight : 2.1 kg (Except attachment)
- Bottle volume : 400 mL (x 2 bottles)

Features

- Easily changeable solution bottles
- Designed for easy on site maintenance
- Touch control mode indicator Endo, Perio, General Mode
- Clear power display for 10 power and irrigation flow setting
- Easy to use memory function to store user settings
- Touch control irrigation status selection. Choose between dry operation, bottled solutions or external water supply
- Dual water adjustment controls for bottled or external water



Large LED Display

All operating parameters are clearly displayed on the large LED display controlled by easily recognizable buttons.



Auto Cleaning Mode

The Auto Cleaning Mode flushes the tubing, handpiece and tips at the push of a button when required. The two channels can be flushed independently.



360° Foot Control

Varios Foot Control can be operated easily from any angles.



Sterilization Case

The handpiece, tips and tip wrenches can be sterilized together for your convenience.



Varios 970 Complete Sets



Optic Varios 970 Optic Complete Sets

- MODEL **VA970 LUX (120V)** ORDER CODE **Y1001166**
 MODEL **VA970 LUX (230V)** ORDER CODE **Y1001168**

Non-Optic Varios 970 Non-Optic Complete Sets

- MODEL **VA970 (120V)** ORDER CODE **Y1001174**
 MODEL **VA970 (230V)** ORDER CODE **Y1001175**

Contents

- Control unit • Handpiece • Handpiece cord • 3 Scaling tips (G4, G6, G8) • Foot control (FC-70)
- 2 x Irrigation bottles • 3 x Tip wrench with torque limiter • AC power cord • Sterilization case



Varios 570 **Optic**

iPiezo engine®

Compact and Versatile

Varios 570 offers three power modes selectable to the tip connected to the handpiece; "G"(general), "E"(endo) and "P"(perio). Power level can be fine-turned within the range of given power mode. In particular, P mode offers minimal yet steady power for more effective periodontic treatment.

Advantages

- Powered by iPiezo engine
- Compact and appropriate-sized body design
- User friendly and intuitive operation control panel



Specifications

- Power Supply : AC 100V-240V 50/60 Hz
- Frequency : 28-32 KHz
- Max. output : 11 W (G mode)
- Dimensions : W160 x D135 x H65 (mm)
- Unit weight : 0.43 kg



Varios 570 Complete Sets

Optic Varios 570 Optic Complete Sets

- MODEL VA570 LUX (120V) ORDER CODE Y1001432
 MODEL VA570 LUX (230V) ORDER CODE Y1001273

Contents

- Control unit with handpiece cord • AC adaptor • Handpiece • Water filter set
- Water supply connector • Foot control (FC-70) • 3 Scaling tips (G4, G6, G8)
- Tip wrench with torque limiter



Varios 370 **Non-Optic**

iPiezo engine®

Compact Multipurpose Control Unit at Your Fingertips

Varios 370 has been especially developed to offer a compact, portable control unit allowing easy installation into any dental unit. It is simple to operate and suitable for a variety of clinical procedures.

Advantages

- Powered by iPiezo engine
- Potable ultra compact body
- Simple and intuitive operation control panel



Specifications

- Power Supply : 100-240V AC 50/60 Hz
- Frequency : 28-32 KHz
- Max. output : 11 W (G mode)
- Dimensions : W80 x D115 x H32 (mm) (without knob and cord)
- Unit weight : 0.43 kg (without attachment)

Varios 370 Units Installation Examples



On the dental console arm with Stand (optional).

On/Under the dental bracket table with Control Unit Holder



Varios 370 Complete Sets

Non-Optic Varios 370 Non-Optic Complete Sets

- MODEL VA370 (120V) ORDER CODE Y1001958
 MODEL VA370 (230V) ORDER CODE Y1001340

Contents

- Control unit with handpiece cord • Control unit holder • AC adaptor • Handpiece • Handpiece holder
- Water filter set • Foot control (FC-71) • 3 Scaling tips (G4, G6, G8) • Tip wrench with torque limiter



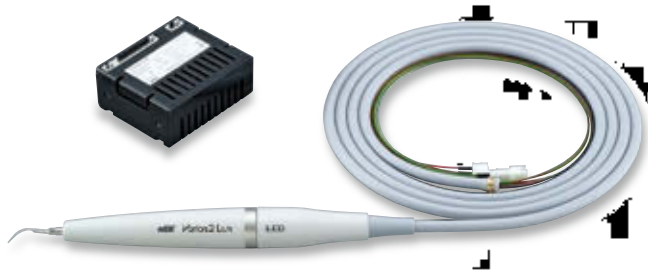
Varios 170 Optic / Non-Optic

iPiezo engine®

Integrated Multi Function Ultrasonic Scaler

The Smallest Module for Easy Integration into New and Existing Dental Equipment

Varios 170 is the world's smallest built-in optic control module. It features the NSK iPiezo engine which ensures stable power output all the times. The slimmer and extremely lightweight handpiece with twin LED is easily added to the existing handpiece delivery unit and is controlled via the existing foot control.



Specifications

- Power Supply : AC 24V ±10% (or DC24-36V)
- Frequency : 28-32 KHz
- Max. output : 11 W
- Dimensions : W63 x D54 x H26 (mm)
- Module weight : 59 g

Sterilization Case

The handpiece, tips and tip wrenches can be sterilized together for your convenience.



Varios 170 Complete Sets

Optic Varios 170 Optic Complete Set

MODEL VA170LUXS1 ORDER CODE Y1001351

Non-Optic Varios 170 Non-Optic Complete Set

MODEL VA170S1 ORDER CODE Y1001352

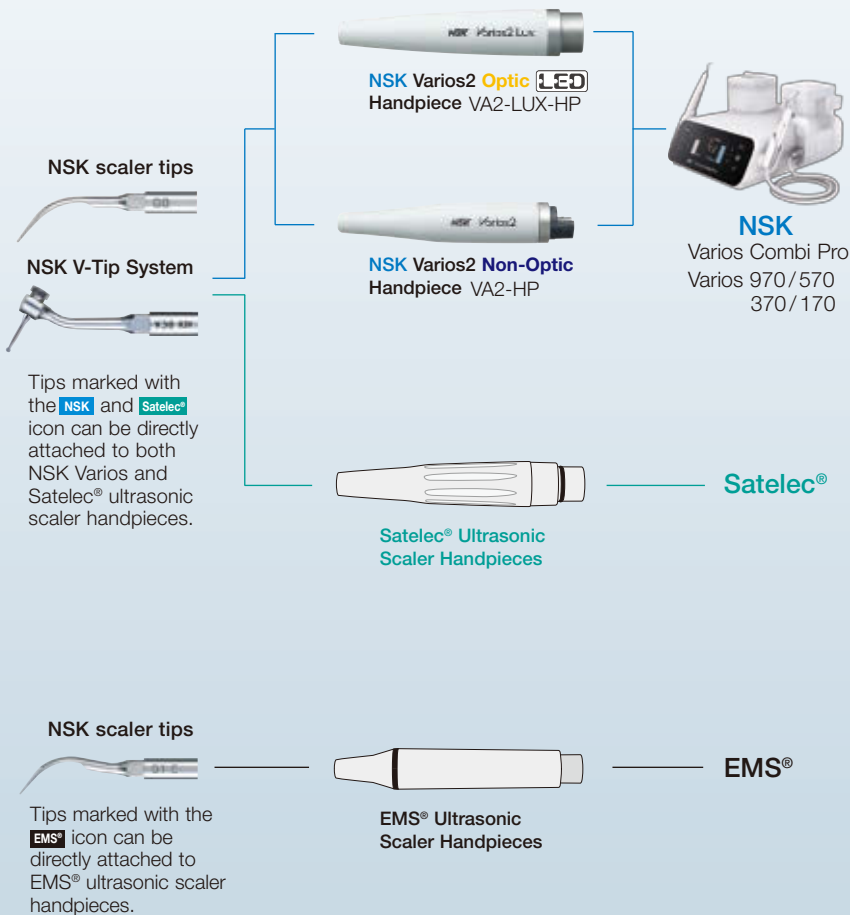
Contents

- Built in module
- Handpiece
- Handpiece cord
- 3 Scaling tips (G4, G6, G8)
- 3 x Tip replacement wrench with torque limiter
- Sterilization case

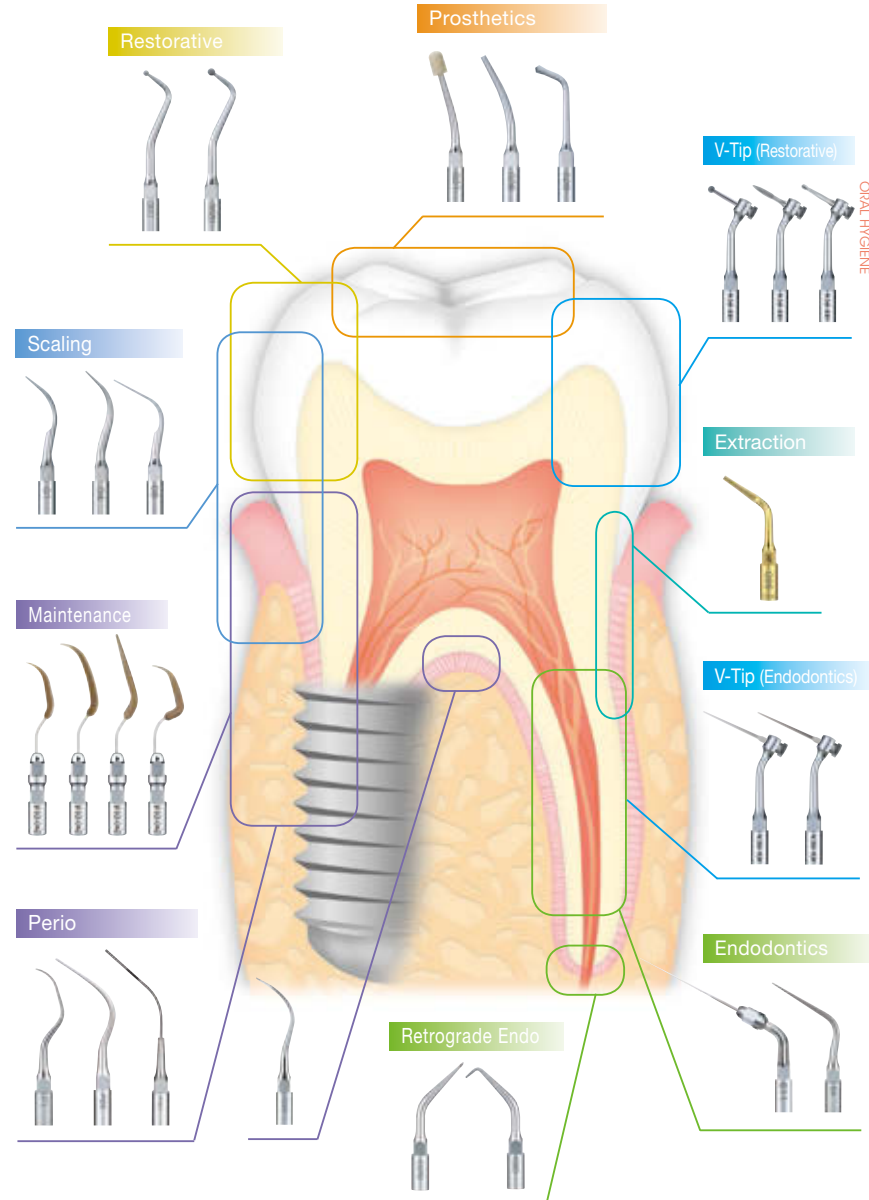
Varios Tips

NSK tips fit Varios2 ultrasonic scaler handpieces as well as Satelec® ultrasonic scaler handpieces. NSK make a number of tips which will fit on EMS® ultrasonic scaler handpieces.

The following is a guide to illustrate all NSK Varios tips, their applications and connectivity.



NSK Offers A Wide Choice of Varios Ultrasonic Scaler Tips For Clinical Applications.



Varios Ultrasonic Scaler Tips

Scaling

Cross Section Diagram 				MODEL G1	NSK Satelec® ORDER CODE Z217101
				MODEL G1-E	EMS® ORDER CODE Z291101
				MODEL G2	NSK Satelec® ORDER CODE Z217102
				MODEL G2-E	EMS® ORDER CODE Z291102
				MODEL G3	NSK Satelec® ORDER CODE Z217103
				MODEL G3-E	EMS® ORDER CODE Z291103
				MODEL G4	NSK Satelec® ORDER CODE Z217104
				MODEL G4-E	EMS® ORDER CODE Z291104
				MODEL G5	NSK Satelec® ORDER CODE Z217105
				MODEL G6	NSK Satelec® ORDER CODE Z217106
				MODEL G6-E	EMS® ORDER CODE Z291106
				MODEL G8	NSK Satelec® ORDER CODE Z217108
				MODEL G9	NSK Satelec® ORDER CODE Z217109
				MODEL G11	NSK Satelec® ORDER CODE Z217411
				MODEL G12	NSK Satelec® ORDER CODE Z217412
				MODEL G13	NSK Satelec® ORDER CODE Z217413

Varios Ultrasonic Scaler Tips

Perio (Root Planing)

Cross Section Diagram 				MODEL P1	NSK Satelec® ORDER CODE Z217404
				MODEL P1D	NSK Satelec® ORDER CODE Z217405
				MODEL P2D	NSK Satelec® ORDER CODE Z217402
				MODEL P3D	NSK Satelec® ORDER CODE Z217403
				MODEL P10	NSK Satelec® ORDER CODE Z217410
				MODEL P11R	NSK Satelec® ORDER CODE Z217408
				MODEL P11L	NSK Satelec® ORDER CODE Z217409





Varios Ultrasonic Scaler Tips

Perio (Root Planing)

Cross Section Diagram    

MODEL P20 ORDER CODE Z217420 **NSK Satelec®**





MODEL P20-E ORDER CODE Z291420 **EMS®**

Cross Section Diagram    

MODEL P21R ORDER CODE Z217422 **NSK Satelec®**

MODEL P21R-E ORDER CODE Z291422 **EMS®**

• Right curved type

Cross Section Diagram    

MODEL P21L ORDER CODE Z217421 **NSK Satelec®**

MODEL P21L-E ORDER CODE Z291421 **EMS®**

• Left curved type

Cross Section Diagram    

MODEL P25R ORDER CODE Z217424 **NSK Satelec®**

MODEL P25R-E ORDER CODE Z291424 **EMS®**

• Right curved type

Cross Section Diagram    

MODEL P25L ORDER CODE Z217425 **NSK Satelec®**

MODEL P25L-E ORDER CODE Z291425 **EMS®**

• Left curved type

Cross Section Diagram    

MODEL P26R ORDER CODE Z217426 **NSK Satelec®**

• Right curved type

Cross Section Diagram    

MODEL P26L ORDER CODE Z217427 **NSK Satelec®**

• Left curved type

Varios Ultrasonic Scaler Tips

Perio (Irrigation and Cleaning)

Cross Section Diagram    

MODEL P40 ORDER CODE Z217550 **NSK Satelec®**

• Tip diameter ϕ 0.6 mm

Cross Section Diagram    

MODEL P41 ORDER CODE Z217555 **NSK Satelec®**

• Tip diameter ϕ 0.8 mm

Varios Ultrasonic Scaler Tips

Maintenance (V-Tip)

Perio-Control



V-Tip Holder



MODEL **V10** ORDER CODE **Z217041**

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

NSK Satelec®

For the maintenance of prostheses and implants. Produced from special material to allow safe debridement without causing damage to metals and implants.



MODEL **V-P10** ORDER CODE **Y900184**

- Pack of 3 • V10 holder is not included

V-P12 is a longer version of the popular V-P10 tip. It serves a wide range of applications, including the maintenance of implants and other prosthetic devices. Its shape offers easy access to all treatment areas.



MODEL **V-P12** ORDER CODE **Y1002167**

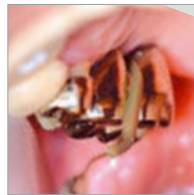
- Pack of 3 • V10 holder is not included



V-P10



V-P12



V-P11R



V-P26R

Varios Ultrasonic Scaler Tips

Maintenance (V-Tip)

V-P11R/L left and right are double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with neighbouring teeth or contours. Its shape was designed to best fit different tooth morphologies, making this a versatile tip for a wide range of uses from anterior teeth to premolars.



MODEL **V-P11R** ORDER CODE **Y1002165**

- Right curved type • Pack of 3
- V10 holder is not included



MODEL **V-P11L** ORDER CODE **Y1002166**

- Left curved type • Pack of 3
- V10 holder is not included

V-P26R/L is a double-bent tips. The wide angles offer access to areas that cannot be reached with V-P11R/L tips or other conventional instruments. These tips are ideally suited to access the distal surfaces of molars and corner areas as, the end of the tip fits tooth morphology very closely.



MODEL **V-P26R** ORDER CODE **Y1002168**



















- Right curved type • Pack of 3
- V10 holder is not included



MODEL **V-P26L** ORDER CODE **Y1002169**

- Left curved type • Pack of 3
- V10 holder is not included

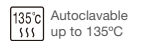
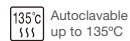
Varios Ultrasonic Scaler Tips **Endodontics**

<p>Cross Section Diagram</p>   	<p>• For root canal cleaning</p>	<p>MODEL E4</p>	<p>NSK Satelec® ORDER CODE Z217428</p>
  	<p>• Diamond coated • For root canal enlargement</p>	<p>MODEL E4D</p>	<p>NSK Satelec® ORDER CODE Z217528</p>
  	<p>• Water not required • For lateral condensation</p>	<p>MODEL E5</p>	<p>NSK Satelec® ORDER CODE Z217305</p>
  	<p>• Water not required • For lateral condensation</p>	<p>MODEL E6</p>	<p>NSK Satelec® ORDER CODE Z217306</p>
  	<p>• Water not required • For removal of filling and foreign material</p>	<p>MODEL E7</p>	<p>NSK Satelec® ORDER CODE Z217307</p>
  	<p>• Diamond coated • For enlargement of root canal wall</p>	<p>MODEL E7D</p>	<p>NSK Satelec® ORDER CODE Z217317</p>

Varios Ultrasonic Scaler Tips **Endodontics**

<p>Cross Section Diagram</p>   	<p>• Water not required • For removal of filling and foreign material</p>	<p>MODEL E8</p>	<p>NSK Satelec® ORDER CODE Z217308</p>
  	<p>• Diamond coated • For enlargement of root canal wall</p>	<p>MODEL E8D</p>	<p>NSK Satelec® ORDER CODE Z217318</p>
  	<p>• Diamond coated • For locating root canals and removal of calcifications</p>	<p>MODEL E15D</p>	<p>NSK Satelec® ORDER CODE Z217319</p>

ORAL HYGIENE



Varios Ultrasonic Scaler Tips **Endodontics**

120° Angle Holder for U files



MODEL E11

NSK Satelec®
ORDER CODE Z217031

* File is optional.

- For U files (ø 0.8 mm)
- For root canal cleaning
- For anterior teeth

95° Angle Holder for U files



MODEL E12

NSK Satelec®
ORDER CODE Z217032

* File is optional.

- For U files (ø 0.8 mm)
- For root canal cleaning
- For posterior teeth



MODEL U files 33 mm / # 15 ORDER CODE Y900062

- ISO15
- Pack of 6



MODEL U files 33 mm / # 20 ORDER CODE Y900063

- ISO20
- Pack of 6



MODEL U files 33 mm / # 25 ORDER CODE Y900064

- ISO25
- Pack of 6



MODEL U files 33 mm / # 30 ORDER CODE Y900065

- ISO30
- Pack of 6



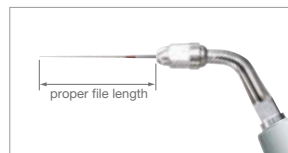
MODEL U files 33 mm / # 35 ORDER CODE Y900066

- ISO35
- Pack of 6

Each pack of E11, E12 or V30 includes 1 x E Tip replacement wrench.
Replacement wrench is not included when ordering other tips.
Please order the replacement wrench separately in this instance.

Always refer to this reference chart to ensure correct and accurate proper file length to avoid file breakage.

	#15	#20	#25	#30	#35
E11	22 mm	24.5 mm	22 mm	22 mm	22 mm
E12	22 mm	24.5 mm	24.5 mm	24.5 mm	22 mm



Varios Ultrasonic Scaler Tips **Retrograde Endo**

Cross Section Diagram



MODEL E30RD

NSK Satelec®
ORDER CODE Z217212

- Diamond coated
- For posterior teeth (right angled)



MODEL E30LD

NSK Satelec®
ORDER CODE Z217213

- Diamond coated
- For posterior teeth (left angled)



MODEL E31D

NSK Satelec®
ORDER CODE Z217210

- Diamond coated
- For anterior and posterior teeth (70°)



MODEL E32D

NSK Satelec®
ORDER CODE Z217211

- Diamond coated
- For anterior teeth (90°)

Varios Ultrasonic Scaler Tips

Extraction

Because the tip and the bilateral edges of the G95 tip are sharp it can be inserted without applying excessive force. Furthermore, because the abrasion of the periodontal ligaments using the tip creates a space between the tooth root surface and alveolar bone, tooth extraction can be conducted without injuring the bone around the root.

Features

- Access to a surgical site is improved by thinning the tip apex shape and sharpening both edge flanks.
- Adhesion areas of periodontal membrane can be removed smoothly.
- Tooth removal can be performed smoothly so that patient discomfort can be reduced.
- Approaches from angles hard to reach with hand instruments are also possible.

Root extraction
(upper left No. 2 tooth removal)

Tooth extraction is possible without excessively cutting the alveolar bone around the remaining root, retaining the morphology of the alveolar bone.



Impacted tooth
(lower left No. 8 tooth removal)

The use of the tip prior to extraction will mobilise the tooth and make extraction easier.



Be careful not to apply excessive force, as in cases of using elevators. Nishikawa-guchi dental clinic

Cross Section Diagram

MODEL **G95** ORDER CODE **Z217705** **NSK**

- TIN coating
- 0.7 mm thick
- A double edge, which is sharp in three directions

Varios Ultrasonic Scaler Tips

Restorative (For Minimal Intervention)

				MODEL G61D	ORDER CODE Z217601	NSK Satelec
• Diamond coated						
				MODEL G62D	ORDER CODE Z217602	NSK Satelec
• Diamond coated						
				MODEL G65D	ORDER CODE Z217605	NSK Satelec
• Diamond coated						
				MODEL G66D	ORDER CODE Z217606	NSK Satelec
• Diamond coated						
				MODEL G67D	ORDER CODE Z217607	NSK Satelec
• Diamond coated						
				MODEL G68D	ORDER CODE Z217608	NSK Satelec
• Diamond coated						

Varios Ultrasonic Scaler Tips

Condensation



MODEL G21

NSK Satelec®
ORDER CODE Z217010

- Water not required
- For anterior teeth
- 3 caps supplied



MODEL G22

NSK Satelec®
ORDER CODE Z217020

- Water not required
- For posterior teeth
- 3 caps supplied



MODEL Tip Cap

ORDER CODE Y140751

- Autoclavable
- For G21 / G22 (Pack of 10)

Varios Ultrasonic Scaler Tips

Loosening / Plugging



MODEL G26

NSK Satelec®
ORDER CODE Z217206

- For post removal



MODEL G28

NSK Satelec®
ORDER CODE Z217208

- Water not required
- For amalgam condensation

Varios V-TIP System Line-Up

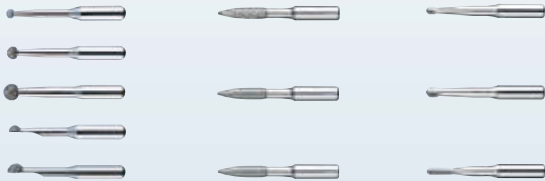


NSK Varios V-Tip holder system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose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

Restorative

Pages 132-133

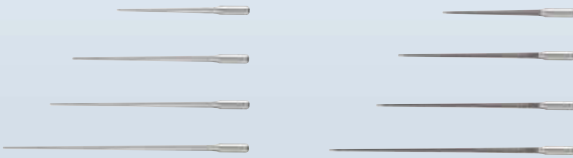
- For Minimal Intervention
- For Finishing / Trimming / Polishing
- For Caries Removal



Endodontics

Page 131

- For Root Canal Cleaning
- For Root Canal Enlargement



V30
120° Angle type

Maintenance

Pages 120-121

- For Prostheses or Implant Maintenance

Perio-Control



V10
Straight

Varios Ultrasonic Scaler Tips

Endodontics V-Tip



V-Tip Holder



*Tip is optional.

MODEL V30

NSK Satelec®
ORDER CODE Z217030



MODEL V-S50

ORDER CODE Y900169

- For root canal cleaning 17 mm

• Pack of 3



MODEL V-S51

ORDER CODE Y900170

- For root canal cleaning 23 mm

• Pack of 3



MODEL V-S52

ORDER CODE Y900171

- For root canal cleaning 26 mm

• Pack of 3



MODEL V-S53

ORDER CODE Y900172

- For root canal cleaning 32 mm

• Pack of 3



MODEL V-S50D

ORDER CODE Y900173

- Diamond coated • For root canal enlargement 17 mm

• Pack of 3



MODEL V-S51D

ORDER CODE Y900174

- Diamond coated • For root canal enlargement 23 mm

• Pack of 3



MODEL V-S52D

ORDER CODE Y900175

- Diamond coated • For root canal enlargement 26 mm

• Pack of 3



MODEL V-S53D

ORDER CODE Y900176

- Diamond coated • For root canal enlargement 32 mm

• Pack of 3

Each pack of E11, E12 or V30 includes 1 x E Tip replacement wrench. Replacement wrench is not included when ordering other tips. Please order the replacement wrench separately in this instance.



* In order to reduce the incidence of ledge formation, there is no diamond coating on the end of the tip. (1 mm)

Varios Ultrasonic Scaler Tips **Restorative (For Minimal Intervention)**



V-Tip Holder



*Tip is optional.

NSK Satelec®

MODEL **V30** ORDER CODE **Z217030**



MODEL **V-G70** ORDER CODE **Y900118**

• Diamond coated • Pack of 3



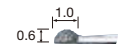
MODEL **V-G71** ORDER CODE **Y900119**

• Diamond coated • Pack of 3



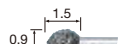
MODEL **V-G72** ORDER CODE **Y900120**

• Diamond coated • Pack of 3



MODEL **V-G75** ORDER CODE **Y900121**

• Diamond coated • Pack of 3



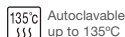
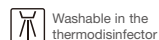
MODEL **V-G76** ORDER CODE **Y900122**

• Diamond coated • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900158**
• Pack of 1 each

Each pack of E11, E12 or V30 includes 1 x E Tip replacement wrench. Replacement wrench is not included when ordering other tips. Please order the replacement wrench separately in this instance.



Varios Ultrasonic Scaler Tips **Restorative (For Finishing / Trimming / Polishing)**



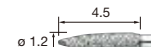
V-Tip Holder



*Tip is optional.

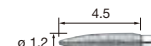
NSK Satelec®

MODEL **V30** ORDER CODE **Z217030**



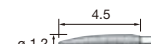
MODEL **V-G77** ORDER CODE **Y900165**

• Diamond coated • Normal Grade • Pack of 3



MODEL **V-G78** ORDER CODE **Y900166**

• Diamond coated • Fine Grade • Pack of 3



MODEL **V-G79** ORDER CODE **Y900167**

• Diamond coated • Super Fine Grade • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900168**
• Pack of 1 each

Varios Ultrasonic Scaler Tips **Restorative (For Caries Removal)**



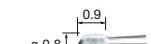
V-Tip Holder



*Tip is optional.

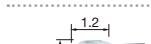
NSK Satelec®

MODEL **V30** ORDER CODE **Z217030**



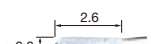
MODEL **V-S1** ORDER CODE **Y900161**

• Stainless Tip • Pack of 3



MODEL **V-S3** ORDER CODE **Y900162**

• Stainless Tip • Pack of 3

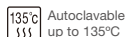


MODEL **V-S33** ORDER CODE **Y900163**

• Stainless Tip • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900164**
• Pack of 1 each



Varios Ultrasonic Scaler Tips

Tip Kits

Application PERIO



NSK Satelec

MODEL Perio Kit A ORDER CODE Y900144

Contents

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

Application PERIO Furcation and curved root face



NSK Satelec

MODEL Perio Kit B ORDER CODE Y900145

Contents

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

Application MAINTENANCE For Prostheses or Implant Maintenance



NSK Satelec

MODEL Perio-Control Tips Starter Kit ORDER CODE Y1002606

Contents

- V10 holder : 1 pc.
- V-P11R, V-P11L, V-P12, V-P26R, V-P26L : 1 pc. each
- E Tip replacement wrench : 1 pc.

Application ENDODONTICS For anterior root canal irrigation



NSK Satelec

MODEL Endo Kit E11 ORDER CODE Y900146

Contents

- 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

Includes 5 types of U files (ø0.8 mm) plus 120° angle holder



Washable in the thermoisinfecteur

135°C Autoclavable up to 135°C

Varios Ultrasonic Scaler Tips

Tip Kits

Application ENDODONTICS For posterior root canal irrigation



NSK Satelec

MODEL Endo Kit E12 ORDER CODE Y900147

Contents

- 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

Includes 5 types of U files (ø0.8 mm) plus 95° angle holder

Application ENDODONTICS 4 kinds of Retrograde Root filling tips



NSK Satelec

MODEL Retro Kit ORDER CODE Y900149

Contents

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

Application MINIMAL INTERVENTION Starter kit for Minimal Intervention - with V-Tip holder



NSK Satelec

MODEL MI Starter Kit ORDER CODE Y900150

Contents

- V30 V-tip holder : 1 pc.
- E tip replacement wrench : 1 pc.
- V-G70, V-G71, V-G72 : 1 pc. each
- V-S1, V-S3, V-S33 : 1 pc. each
- V-G77, V-G78, V-G79 : 1 pc. each



Washable in the thermoisinfecteur

135°C Autoclavable up to 135°C



Ti-Max S970 series Air Scalers

Performance and Versatility

The S970 air scaler offers a wide power range with easy swivel power adjustment and an extensive tip range for a wide variety of applications ranging from general scaling and root canal irrigation to minimally invasive procedures. The wide range of applications, comfortable grip and ease of maintenance makes the S970 air scaler the instrument of choice for dentists and hygienists alike. A titanium body and sleek, seamless design make the S970 really comfortable to hold even during long procedures whilst allowing for excellent visibility of the operating site at all times.



Advantages

- Twin LED lights through twin optical glass rods
- Optic and non-optic handpieces available
- Extensive tip range for a wide range of applications

NSK LED technology delivers natural daylight

When combined with one of NSK's LED couplings the S970L will provide daylight quality illumination of the operating site making procedures less strenuous on the eye. Clearer visibility results in faster more precise treatment.

Stable : A PCB controls the input voltage from the dental unit to provide stable illumination.

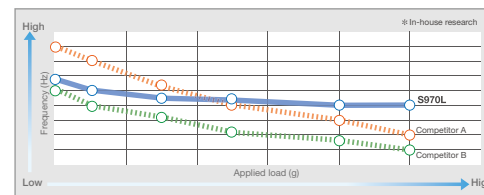
Durable : LED light sources are longer lasting and more durable than halogen bulbs.

Clearer : LEDs generate natural daylight quality light which assures clearer vision when compared to halogen light.



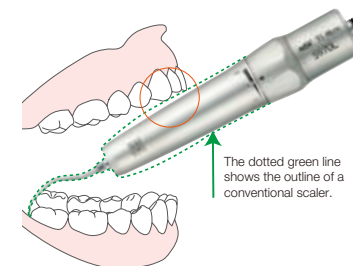
Stable Power Output

S970 air scalers provide stable power output and constant oscillating movement across the entire power range at approximately 6,000Hz. S970 air scalers are extremely gentle and therefore very popular in cases involving perio or high sensitivity.



Excellent Visibility

The sleek design of the S970 allows for unrestricted visibility of the treatment area and excellent access to even the most hard to reach areas.



Smooth and Easy Power Control Ring

NSK Power Ring offers three different power level settings for diverse clinical needs. While the gentle minimum mode is for delicate procedures, the maximum power mode is good for general scaling.



Ti-Max S970 series

- Titanium Body with Scratch Resistant DURACOAT
- 3 level Power Ring
- Frequency of oscillation : 5,800~6,200 Hz
- Cellular Glass Optics
- Includes 3 tips (S1, S2 & S3), Tip Wrench (CR-20) and Tip Cover (L)

Connect to NSK Couplings 



Optic MODEL S970L ORDER CODE T1005
Non-Optic MODEL S970 ORDER CODE T1020

Connect Direct to KaVo®, Sirona® Couplings



Optic MODEL S970KL ORDER CODE T1013



Optic MODEL S970SL ORDER CODE T1015

AS2000 Air Scalers

- Frequency of oscillation : 5,600~5,850 Hz
- Includes 3 tips (S1, S2 & S3), Tip Wrench (CR-20) and Tip Cover (L)



Non-Optic MODEL AS2000 M4 ORDER CODE T698
 • For Midwest 4 hole • Weight : 67 g

Non-Optic MODEL AS2000 B2/B3 ORDER CODE T697
 • For Borden 2/3 hole • Weight : 64 g

Air Scaler Tips

Scaling



MODEL **S1** ORDER CODE **Z252411**

- Universal Type



MODEL **S2** ORDER CODE **Z252413**

- Sickle Type



MODEL **S3** ORDER CODE **Z252412**

- Perio Type

Air Scaler Tips

Perio



MODEL **S10** ORDER CODE **Z252420**

- Universal Type Slim Line



MODEL **S20** ORDER CODE **Z252441**

- Root Planning (Straight tip)



MODEL **S21R** ORDER CODE **Z252442**

- Root Planning (Right curved tip)



MODEL **S21L** ORDER CODE **Z252443**

- Root Planning (Left curved tip)

Air Scaler Tips

Maintenance (V-Tip)

Perio-Control



V-Tip Holder



MODEL **S35** ORDER CODE **Z252015**

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



MODEL **V-P10** ORDER CODE **Y900184**

- Pack of 3 * S35 holder is not included



MODEL **V-P12** ORDER CODE **Y1002167**

- Pack of 3 * S35 holder is not included



(From above)

MODEL **V-P11R** ORDER CODE **Y1002165**

- Right curved type • Pack of 3
- * S35 holder is not included



(From above)

MODEL **V-P11L** ORDER CODE **Y1002166**

- Left curved type • Pack of 3
- * S35 holder is not included

Air Scaler Kit



MODEL **Perio-Control Tips Air Scaler Kit** ORDER CODE **Y1002754**

- S35 holder : 1 pc.
- V-P10, V-P11R, V-P11L, V-P12 : 1 pc. each
- Includes E-Tip replacement wrench

Air Scaler Tips Restorative (For Minimal Intervention)

Unlike rotary instruments these tips oscillate and are designed to only cut on one surface allowing minimally invasive site preparation and thereby greatly reducing the risk of damaging adjacent teeth and soft tissue. The spherical shape of these tips make them suitable for delicate adjustments as well as caries removal in the cervical and interproximal region.

			MODEL S65D	ORDER CODE Z252465
• Diamond coated				
			MODEL S66D	ORDER CODE Z252466
• Diamond coated				
			MODEL S67D	ORDER CODE Z252467
• Diamond coated				
			MODEL S68D	ORDER CODE Z252468
• Diamond coated				



S65D



S81D



S71D

Air Scaler Tips Restorative (For Preparation of crown cores)

The tips can be used for finishing margins after prepping the area with a conventional dental bur. That enables you to finish minute sharp edges and gingival sulcus without damage, something that cannot be accomplished with rotary instruments alone. Three types of tips are available for deep chamfer, light chamfer and shoulder work, respectively.

			MODEL S81D	ORDER CODE Z252469
• Diamond coated				
			MODEL S82D	ORDER CODE Z252462
• Diamond coated				
			MODEL S83D	ORDER CODE Z252461
• Diamond coated				
			MODEL S86D	ORDER CODE Z252460
• Diamond coated				

These tips are safe sided and flat for minimal mesial or distal preparations.

			MODEL S71D	ORDER CODE Z252471
• Diamond coated				
			MODEL S72D	ORDER CODE Z252472
• Diamond coated				

ORAL HYGIENE

V-TIP System Line-Up

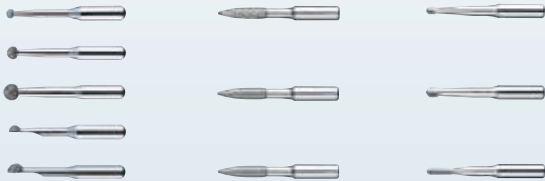


NSK V-Tip system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical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

Restorative

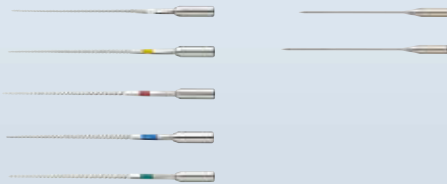
Pages 146-147

- For Minimal Intervention
- For Finishing / Trimming / Polishing
- For Caries Removal



Endodontics

Page 145



Maintenance

Page 141

- For Prostheses or Implant Maintenance

Perio-Control



Air Scaler Tips

Endodontics V-Tip



V-Tip Holder



MODEL **S75** ORDER CODE **Z252035**

- Includes E-Tip replacement wrench



MODEL **V-U15** ORDER CODE **Y900177**

- V-file Irrigation 23 mm #15 • ISO15 • Pack of 6



MODEL **V-U20** ORDER CODE **Y900178**

- V-file Irrigation 23 mm #20 • ISO20 • Pack of 6



MODEL **V-U25** ORDER CODE **Y900179**

- V-file Irrigation 23 mm #25 • ISO25 • Pack of 6



MODEL **V-U30** ORDER CODE **Y900180**

- V-file Irrigation 23 mm #30 • ISO30 • Pack of 6



MODEL **V-U35** ORDER CODE **Y900181**

- V-file Irrigation 23 mm #35 • ISO35 • Pack of 6



MODEL **V-N50** ORDER CODE **Y900182**

- Ni-Ti Irrigation 17 mm • Pack of 3



MODEL **V-N51** ORDER CODE **Y900183**

- Ni-Ti Irrigation 21 mm • Pack of 3

ORAL HYGIENE

Air Scaler Tips Restorative (For Minimal Intervention)



V-Tip Holder



*Tip is optional.

MODEL **S75** ORDER CODE **Z252035**

• Includes E-Tip replacement wrench



MODEL **V-G70** ORDER CODE **Y900118**

• Diamond coated • Pack of 3



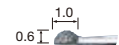
MODEL **V-G71** ORDER CODE **Y900119**

• Diamond coated • Pack of 3



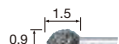
MODEL **V-G72** ORDER CODE **Y900120**

• Diamond coated • Pack of 3



MODEL **V-G75** ORDER CODE **Y900121**

• Diamond coated • Pack of 3



MODEL **V-G76** ORDER CODE **Y900122**

• Diamond coated • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900158**

• Pack of 1 each

Air Scaler Tips Restorative (For Finishing / Trimming / Polishing)



V-Tip Holder



*Tip is optional.

MODEL **S75** ORDER CODE **Z252035**

• Includes E-Tip replacement wrench



MODEL **V-G77** ORDER CODE **Y900165**

• Diamond coated • Normal Grade • Pack of 3



MODEL **V-G78** ORDER CODE **Y900166**

• Diamond coated • Fine Grade • Pack of 3



MODEL **V-G79** ORDER CODE **Y900167**

• Diamond coated • Super Fine Grade • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900168**

• Pack of 1 each

Air Scaler Tips Restorative (For Caries Removal)



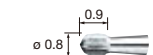
V-Tip Holder



*Tip is optional.

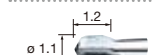
MODEL **S75** ORDER CODE **Z252035**

• Includes E-Tip replacement wrench



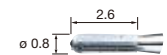
MODEL **V-S1** ORDER CODE **Y900161**

• Stainless Tip • Pack of 3



MODEL **V-S3** ORDER CODE **Y900162**

• Stainless Tip • Pack of 3



MODEL **V-S33** ORDER CODE **Y900163**

• Stainless Tip • Pack of 3



MODEL **Assorted Tip Kit** ORDER CODE **Y900164**

• Pack of 1 each

Prophy-Mate neo



Air Powered Tooth Polishing System

Enhanced Prophy-Mate neo unites form and functionality for easier use. Excellent weight balance and a lightweight, compact powder chamber make Prophy-Mate neo comfortable to hold, while the original NSK handpiece connection swivels 360° even under strong air pressure. Effortless operation shortens time for treatment of plaque and stains. 60° and 80° nozzles are available.



Applications

- Removal of plaque and discolouration
- Etching of enamel, dentine, and porcelain prior to bonding
- Preparation for pit and fissure sealant

Advantages

- Sturdy and reliable
- Simple to operate
- Easy maintenance
- Quick connect to major turbine couplings
- Selectable Choice of 60° and 80° nozzles

Features

- Newly introduced selectable 60° and 80° nozzles increase cleaning efficiency
- Lightweight and compact handpiece
- Two 360° twist-free swivel joints for better access and more comfort
- Only the handpiece part of the Prophy-Mate neo can be washed in a thermo-disinfector*

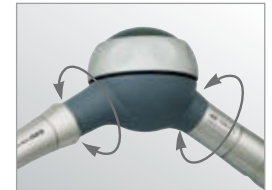
Ergo-Comfort Design

Lightweight, compact design and well-considered weight balance enable easy handling for minimised hand and wrist fatigue, helping to ensure thorough treatment.



Smooth, Easy 360° Swivel

Twin joints rotate smoothly 360° degrees for easy operability, responding flexibly to minute fingertip movements with effortless adjustment of the nozzle angle.



Simple One-touch Connection

The Prophy-Mate neo is designed for a one-touch attachment to NSK couplings and other major coupling brands. The handpiece also can be attached to the powder case with one-touch operation.



Improved Polishing Power

With NSK original twin nozzles, greater polishing power is realized. With powerful jet, cleaning time is greatly shortened thus reduces treatment time.



Easy Detachable Nozzles with 60° and 80°

Selectable 60° and 80° nozzles maximise the cleaning ability. 80° nozzle works especially well for molar area and occluding surface and 60° nozzle for anterior tooth.










Prophy-Mate neo Tooth Polishing System



60° and 80° nozzles



Prophy-Mate neo Complete System

NSK	MODEL PMNG-PTL-P	ORDER CODE Y135029		NSK Coupling
KaVo®	MODEL PMNG-KV-P	ORDER CODE Y135030		KaVo® LED Coupling
Sirona®	MODEL PMNG-SR-P	ORDER CODE Y135031		Sirona® LED Coupling
W&H®	MODEL PMNG-WH-P	ORDER CODE Y135032		W&H® Roto Quick
Bien-Air®	MODEL PMNG-BA-P	ORDER CODE Y135033		Bien-Air® Unifix®
M4	MODEL PMNG-M4-P	ORDER CODE Y135034		Connect direct to the handpiece tubing MIDWEST
B2	MODEL PMNG-B2-P	ORDER CODE Y135035		Connect direct to the handpiece tubing BORDEN

Contents

- Handpiece with 60° nozzle head
- Powder case
- Replacement nozzle head 80°
- 5pcs. x 15g sachets of FLASH pearl cleaning powder
- Maintenance kit



The handpiece can be washed in the thermodisinfectant

135°C Autoclavable up to 135°C

FLASH pearl

Sparkling Results Every Time

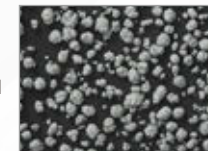
FLASH pearl, a cleaning powder for Prophy-Mate neo, is a spherical particulate powder designed to roll smoothly over tooth surfaces and penetrate all corners for rapid cleaning. The spherical shape of the powder granules lessens the likelihood of damage to teeth and soft tissue while removing stains and plaque quickly and safely. * Adverse reactions to this product are rare.

Advantages

- Powerful
- Quick results
- Soft & Gentle
- Sodium-free natural taste
- Biodegradable and non-clogging
- Suitable for all other manufacturers' air polishing systems

Spherical granules remove residues from every corner

FLASH pearl granules are small and spherically shaped compared to particles of sodium bicarbonate powder. This means more contact and better access to clean all target areas effectively. A wider working angle also provides greater treatment safety.



FLASH pearl



Conventional Sodium Bi-Carbonate powder

Prophy-Mate neo Cleaning Powder

MODEL FLASH pearl ORDER CODE Y900693

- Stylishly packaged in a handy, original box.
- Contains 100 x 15 gms sachets



MODEL FLASH pearl (Bottle) ORDER CODE Y900698

- 4 bottles packed in a box
- Comes with a measuring cup for your convenience
- Each bottle contains 300 gms



Cleaning Powder

Whiter Teeth for a Brilliant Smile

Fresh lemon flavored Cleaning Powder removes stains, plaque, and calculus quickly and effectively. Put a shine on your clients' smiles with Cleaning Powder.

Features

- Cleaning powder tastes like fresh lemon
- Humidity-resistant sodium bicarbonate content
- Quickly removes persistent plaque and stains

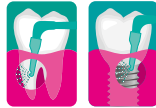


Cleaning Powder

MODEL Cleaning Powder ORDER CODE Y900052

- Contains 100 x 12 gms sachets

Perio-Mate Biofilm Eraser



Perio-Mate is used in the treatment of periodontal pockets and peri-implantitis. Avoiding injury to the soft tissues and root surfaces inside delicate periodontal pockets during cleaning procedures is crucial. The Perio-Mate's ultrafine water spray and glycine-based Perio-Mate Powder team up to gently eradicate biofilm in periodontal pockets in just 20 seconds.

Thanks to years of experience in analyzing fluid dynamics gained while developing its turbine technology, NSK has devised a safe and supremely efficient spray pressure method that enables fast, precise removal of plaque biofilm from subgingival areas.

Advantages

- NSK's innovative nozzle tip
- Precise, flawless powder flow
- Maintenance
- Powder Control Ring
- Slim nozzle design
- Smooth 360° rotation



NSK's innovative nozzle tip

NSK's new nozzle tip design incorporates semitransparent materials that promote greater visibility during procedures. Hygienic single use tips mean enhanced usability and safety.

Flexible plastic nozzle tip design ensures accessibility and is gentle to the pocket

The slim nozzle tip possesses just the right degree of flexibility to pass smoothly over tooth surfaces, and can be easily inserted into tight pockets and the root surfaces of adjacent teeth without causing the patient discomfort.



Optimized nozzle design based on fluid analysis ensures flawless powder flow in the pocket

NSK's analysis of fluid dynamics gained through years of experience in developing turbine technology fully takes into account how a clinician must maneuver in the limited space inside the pocket.



Slim nozzle facilitates operation in the narrow confines of the oral cavity

The long, narrow nozzle shape is designed to allow easy access to areas that require inserting the handpiece at an angle, such as between molars.



Smooth 360-degree rotation for safe and accurate operation

The handpiece can easily be rotated using the fingertips even while performing complex operations. The nozzle tip allows easy access to difficult to reach areas, and does not adversely affect neighbouring teeth and contours.



Powder Control Ring

The Perio-Mate's convenient Powder Control Ring makes fine-tuning powder flow simple and intuitive with quick fingertip adjustments. In addition to easily controlling and stopping the flow of powder in this way, you can cleanse the treatment area from biofilm uninterruptedly.



Maintenance


The nozzle with its nozzle tip, handpiece and powder chamber can be easily dismantled for cleaning and decontamination.



Perio-Mate Biofilm Eraser



Perio-Mate Complete System

NSK	MODEL PER-PTL-P	ORDER CODE Y1002654		NSK Coupling
KaVo®	MODEL PER-KV-P	ORDER CODE Y1002655		KaVo® LED Coupling
Sirona®	MODEL PER-SR-P	ORDER CODE Y1002656		Sirona® LED Coupling
W&H®	MODEL PER-WH-P	ORDER CODE Y1002657		W&H® Roto Quick
Bien-Air®	MODEL PER-BA-P	ORDER CODE Y1002658		Bien-Air® Unifix®
M4	MODEL PER-M4-P	ORDER CODE Y1002659		Connect direct to the handpiece tubing MIDWEST
B2	MODEL PER-B2-P	ORDER CODE Y1002660		Connect direct to the handpiece tubing BORDEN

Contents

- Handpiece • Powder case • Nozzle tip (40 pcs) • Maintenance kit

Perio-Mate Nozzle Tip

Hygienic disposable nozzle tips

MODEL Perio-Mate Nozzle Tip

ORDER CODE Y1002741

- 40 pcs per pack



The handpiece can be washed in the thermodisinfectant

135°C Autoclavable up to 135°C

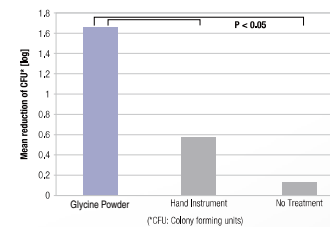
Do not wash the powder case or the powder case's cap in a thermo-disinfectant.

Perio-Mate Powder

Powder for subgingival treatment using air-polishing devices

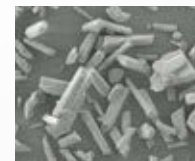
Reduction of bacteria

The air-polish process with Perio-Mate Powder (glycine-based) results in significantly better bacterial reduction than manual plaque removal.



Petersilka G., Tunkel J., Barakos K., Heinecke A., Habberlein I., Flemmig T.F.: Subgingival plaque removal at interdental sites using a low abrasive air-polishing powder, Journal of Periodontology, 2003, Volume 74, Number 3

For protective tooth cleaning



Conventional air-polishing powders

- up to 200 µm particle size
- should only be applied once, maximally twice, per year due to abrasivity



Perio-Mate powder

- mean particle size < 25 µm
- can be applied as many times per year as needed



- Glycine-based
- Mean particle size < 25µm

MODEL Perio-Mate Powder ORDER CODE Y900938

- 2 bottles packed in a box
- Each bottle contains 160 g

Clinical procedure

- Twenty seconds per tooth (five seconds per side) is ideal for removing biofilm from within the pockets.
- To be used for peri-implantitis within 5 mm of the area affected by gingivitis. (For maintenance in cases of periodontitis and peri-implantitis therapy after initial treatment is completed; for periodontal pockets up to 5 mm in depth only.)

* Protocol cases are available on request, and can also be found on our website, www.nsk-inc.com.