

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

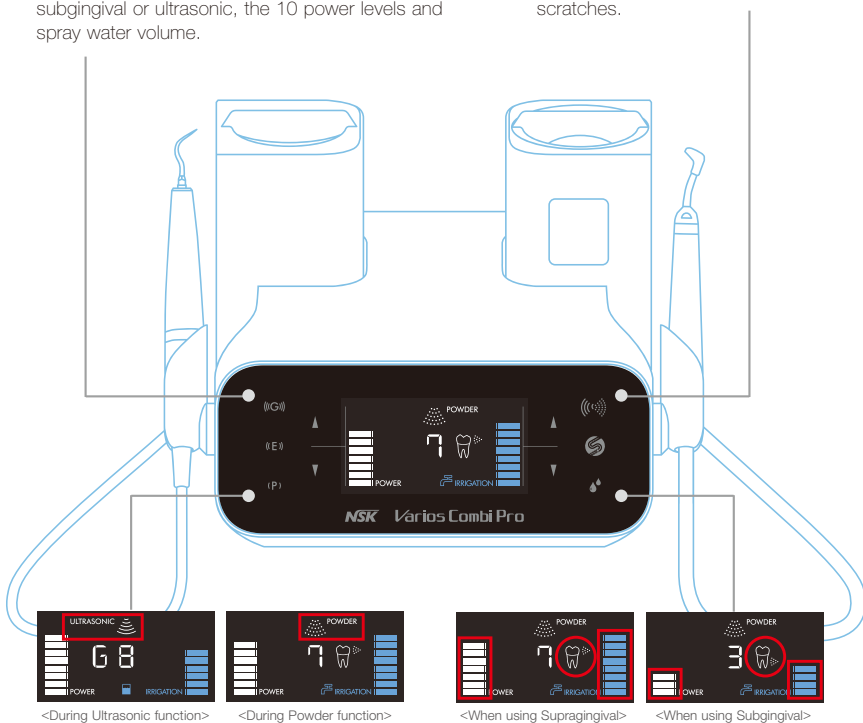
Optimizing Manoeuvrability

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-Hose
- 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 230V 50/60 Hz
- Frequency : 28-32 KHz
- Dimensions : W225 x D290 x H162 (mm) (including chamber)

- Unit weight : 2.6 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.



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 Set

MODEL VA970 LUX ORDER CODE Y1001168

Non-Optic Varios 970 Non-Optic Complete Set

MODEL VA970 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 Set

Optic Varios 570 Optic Complete Set

MODEL VA570 LUX ORDER CODE Y1001746



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

Optic / 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



ORAL HYGIENE

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

Optic Varios 370 Optic Complete Set

MODEL VA370 LUX ORDER CODE Y1001388

Non-Optic Varios 370 Non-Optic Complete Set

MODEL VA370 ORDER CODE Y1001391



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

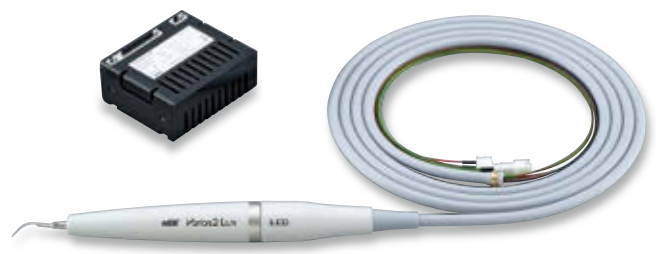
Optic / Non-Optic

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 new 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

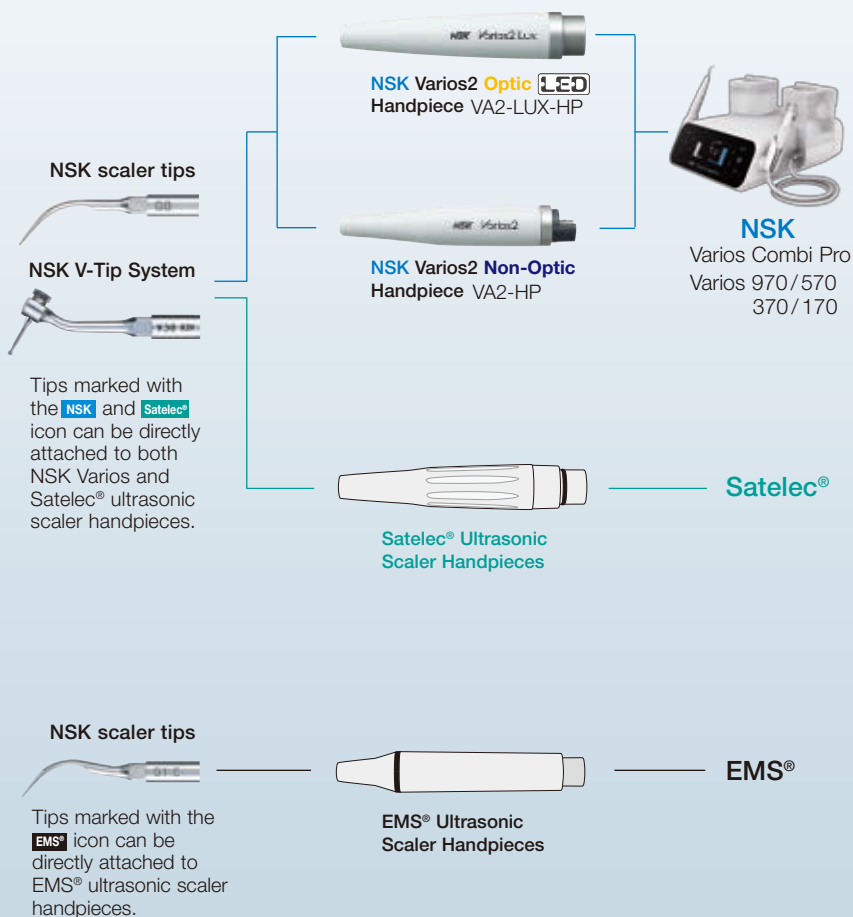
Contents

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

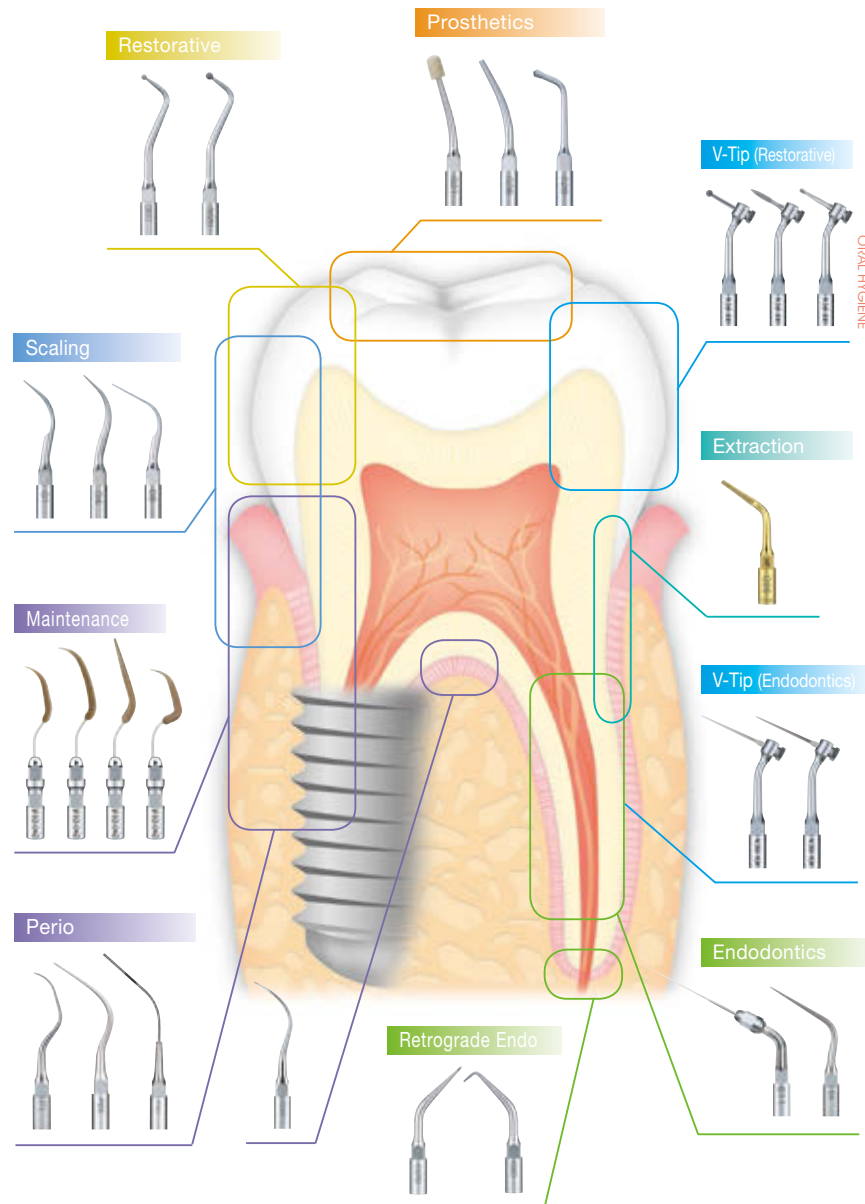
Varios Tips

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





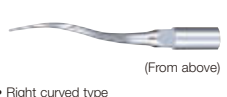


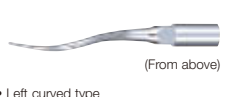













Varios Ultrasonic Scaler Tips

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	NSK Satelec® ORDER CODE Z217420
				MODEL P20-E	EMS® ORDER CODE Z291420
				MODEL P21R	NSK Satelec® ORDER CODE Z217422
				MODEL P21R-E	EMS® ORDER CODE Z291422
					• Right curved type
				MODEL P21L	NSK Satelec® ORDER CODE Z217421
				MODEL P21L-E	EMS® ORDER CODE Z291421
					• Left curved type
				MODEL P25R	NSK Satelec® ORDER CODE Z217424
				MODEL P25R-E	EMS® ORDER CODE Z291424
					• Right curved type
				MODEL P25L	NSK Satelec® ORDER CODE Z217425
				MODEL P25L-E	EMS® ORDER CODE Z291425
					• Left curved type
				MODEL P26R	NSK Satelec® ORDER CODE Z217426
					• Right curved type
				MODEL P26L	NSK Satelec® ORDER CODE Z217427
					• Left curved type

Varios Ultrasonic Scaler Tips

Perio (Irrigation and Cleaning)

Cross Section Diagram				MODEL P40	NSK Satelec® ORDER CODE Z217550
					• Tip diameter ø0.6 mm
				MODEL P41	NSK Satelec® ORDER CODE Z217555
					• Tip diameter ø0.8 mm

Varios

Ultrasonic Scaler Tips

Maintenance (V-Tip)

Perio-Control



MODEL V10

ORDER CODE Z217041

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

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



Washable in the

thermodisinfectior



135°C

Autoclavable

up to 135°C

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.



(From above)

MODEL V-P11R

ORDER CODE Y1002165

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



(From above)

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



Washable in the

thermodisinfectior





















135°C

Autoclavable

up to 135°C

Varios Ultrasonic Scaler Tips

Endodontics

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

Varios Ultrasonic Scaler Tips

Endodontics

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

Varios

Ultrasonic Scaler Tips

Endodontics

120° Angle Holder for U files

MODEL E11

ORDER CODE Z217031

• For U files (ø 0.8 mm)

• For root canal cleaning

• For anterior teeth

95° Angle Holder for U files

MODEL E12

ORDER CODE Z217032

• 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

104

*Cross section diagram is the image of a point 1 mm from the end.

The illustrated tip diagram is three times bigger than the actual size.

Washable in the thermoisinfector

135°C

Autoclavable up to 135°C

Varios

Ultrasonic Scaler Tips

Retrograde Endo

Cross Section Diagram

MODEL E30RD

ORDER CODE Z217212

• Diamond coated

• For posterior teeth (right angled)

MODEL E30LD

ORDER CODE Z217213

• Diamond coated

• For posterior teeth (left angled)

MODEL E31D

ORDER CODE Z217210

• Diamond coated

• For anterior and posterior teeth (70°)

MODEL E32D

ORDER CODE Z217211

• Diamond coated

• For anterior teeth (90°)

Washable in the thermoisinfector

135°C

Autoclavable up to 135°C

105

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



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

MODEL G95

ORDER CODE Z217705

NSK

Varios Ultrasonic Scaler Tips

Restorative (For Minimal Intervention)



- Diamond coated

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®



Washable in the
thermosinfector



135°C Autoclavable
up to 135°C



Washable in the
thermosinfector



135°C Autoclavable
up to 135°C

Varios

Ultrasonic Scaler Tips

Condensation



MODEL G21

ORDER CODE Z217010



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



MODEL G22

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

ORDER CODE Z217206




• For post removal



MODEL G28

ORDER CODE Z217208



• Water not required • For amalgam condensation

Varios V-TIP System Line-Up

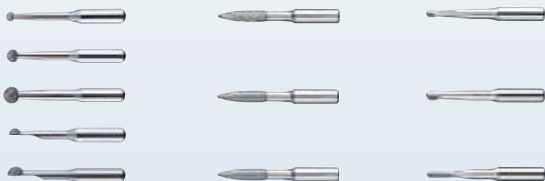


NSK Varios V-Tip holder system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose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

Restorative

Pages 112-113

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



Endodontics

Page 111

- For Root Canal Cleaning
- For Root Canal Enlargement



V30
120° Angle type

Maintenance

Pages 100-101

- For Prostheses or Implant Maintenance

Perio-Control



V10
Straight

Varios Ultrasonic Scaler Tips

Endodontics V-Tip



V-Tip Holder



*Tip is optional.

MODEL V30

ORDER CODE Z217030

NSK Satelec®



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

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

*Tip is optional.

		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

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

*Tip is optional.

		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

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

*Tip is optional.

		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 thermosinfector

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 thermosinfector

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.

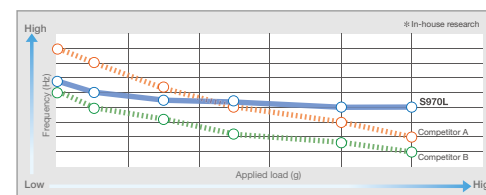
Durable : LED light sources are longer lasting and more durable than halogen bulbs.

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



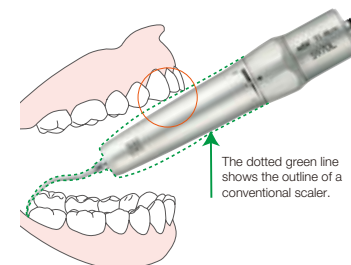
Stable Power Output

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



LED KaVo® LED Coupling

Optic MODEL S970KL ORDER CODE T1013



LED Sirona® LED Coupling

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



ORAL HYGIENE



Washable in the thermodisinfectant



Autoclavable up to 135°C



Autoclavable up to 135°C

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 ORDER CODE Y1002754
Air Scaler Kit

- 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.



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.



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



V-TIP System Line-Up

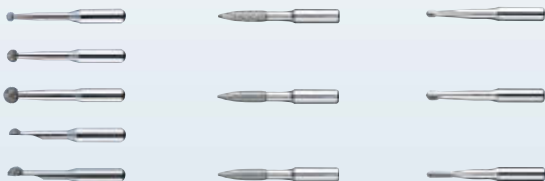


NSK V-Tip system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical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

Restorative

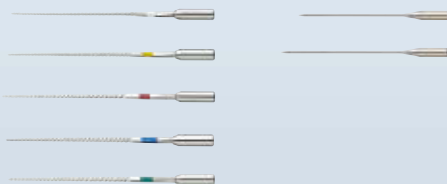
Pages 126-127

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



Endodontics

Page 125



S75

120° Angle type

Maintenance

Page 121

- For Prostheses or Implant Maintenance

Perio-Control



S35

Straight

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



Washable in the thermosinfector



Autoclavable up to 135°C

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

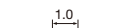
• Diamond coated • Pack of 3



MODEL V-G72

ORDER CODE Y900120

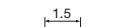
• Diamond coated • Pack of 3



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



Washable in the
thermoisinfector



135°C Autoclavable
up to 135°C

Air Scaler Tips

Restorative (For Finishing / Trimming / Polishing)



V-Tip Holder

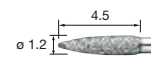


* Tip is optional.

MODEL S75

ORDER CODE Z252035

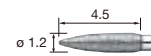
• Includes E-Tip replacement wrench



MODEL V-G77

ORDER CODE Y900165

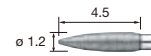
• Diamond coated • Normal Grade • Pack of 3



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

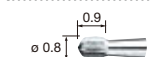


* Tip is optional.

MODEL S75

ORDER CODE Z252035

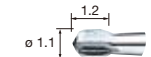
• Includes E-Tip replacement wrench



MODEL V-S1

ORDER CODE Y900161

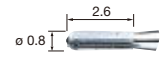
• Stainless Tip • Pack of 3



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



Washable in the
thermoisinfector



135°C Autoclavable
up to 135°C

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*

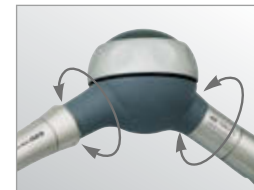
Ergo-Comfort Design

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 thermoisinfector

135°C Autoclavable up to 135°C

FLASH pearl

Sparkling Results Every Time

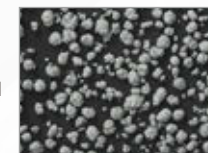
FLASH pearl, a cleaning powder for Prophy-Mate neo, is a spherical particulate powder designed to roll smoothly over tooth surfaces and penetrate all corners for rapid cleaning. The spherical shape of the powder granules lessens the likelihood of damage to teeth and soft tissue while removing stains 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 uninterrupted.



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

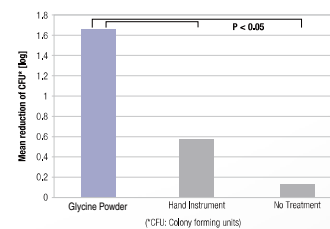


Perio-Mate Powder

Powder for subgingival treatment using air-polishing devices

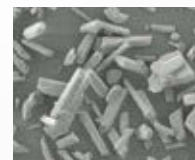
Reduction of bacteria

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., Haberkorn 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

- 4 bottles packed in a box
- Each bottle contains 100 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.