stomdevice

PROFESSIONAL PRODUCTS CATALOGUE 2021



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stomdevice

MESSAGE





President & CEO
Eiichi Nakanishi

Creating value that exceeds customer expectations

It is 90 years since Keiichi Nakanishi founded Nakanishi Manufacturing, the original name of NSK. Over the years, we have drawn on our high-speed rotational know how to continuously innovate our growing range of dental equipment. We have built solid trust amongst customers in more than 135 countries supported by our 15 worldwide offices, securing NSK the No. 1 share of the global market for rotational dental instruments.



GLOBAL NETWORK

Setting up business units worldwide to satisfy local needs

CREATE IT.

NSK exists to collaborate with people around the world to pursue technological innovations that create additional value by delivering superior products and service for our customers. Enhancing the lifestyles of the patients under their care. We are determined to remain a consistently creative partner in the years ahead.

RELEVANCE
PRECISION
CONFIDENCE
INNOVATION
TOMORROW
SMILE
PROFESSIONALISM



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Couplings

LED

- Stainless Steel Body
- Titanium coating
- Non-Retraction Valve
- LED incorporated in coupling





Optic MODEL **PTL-CL-LED** ORDER CODE **P1001600**

• For NSK





Optic MODEL **PTL-CL-LED III** ORDER CODE **P1001601**

• For NSK with water volume adjuster





Optic MODEL **KCL-LED** ORDER CODE **P1005600**

• For KaVo® MULTIflex® LUX with water volume adjuster





Optic MODEL **SCL-LED** ORDER CODE **P1009600**

• For Sirona® Quick Coupling with water volume adjuster

Non-Optic

- Stainless Steel Body
- Non-Retraction Valve





Non-Optic MODEL **FM-CL-M4** ORDER CODE **P434051**





Non-Optic MODEL **FM-CL-B2/B3** ORDER CODE **P432051**

Non-Optic

- Non-Retraction Valve





Non-Optic MODEL **QD-J M4** ORDER CODE **T334051**





Non-Optic MODEL **QD-J B2/B3** ORDER CODE **T332051**

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Ti-Max Z

Air Turbine Series



POWERFUL

YouTube #1 YouTube #2 YouTube #3

Advanced technology a key factor In significantly increased durability of Ti-Max Z

We have completely redesigned the shape and sourced improved materials for the bearing retainer to reduce frictional resistance and developed a new type of bearing to almost double the durability to accommodate constant thermodisinfector and autoclave usage.



DURAGRIP non-slip, scratch-resistant surface treatment technology

We blast-finish the pure titanium body surface utilising micro-abrasion before applying the DURAGRIP surface finish. The micro-abrasion enhances resistance to scratches and contributes to the firm, reliable non-slip grip.



New three-dimensional rotor

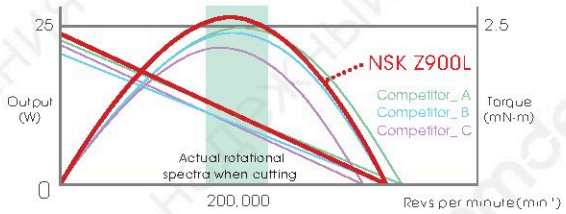
We harnessed the latest computer analysis software to develop a rotor with higher output. We created a new three-dimensional curved shape after relentless simulations and pilot production. The blade is 50% larger than that of the Ti-Max X Air Turbine. With this new rotor, the air turbine delivers an amazing 26 watts* of power.

*With the Z900L



High output for smoother cutting

The 26 watts power output from the new rotor significantly enhances the performance during clinical applications. This can dramatically reduce treatment time and noticeably improve treatment comfort for the clinician and patient alike.



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Ti-Max Z

• Titanium Body with Scratch Resistant DURAGRIP
• Cellular Glass Optics • Ceramic Bearings • Clean Head System
• Push Button Chuck • Quattro Spray • Microfilter • Air Pressure Regulating Valve

Connect to NSK Couplings



Quattro Spray

Miniature Head : Power : 23 W, Speed : 360,000-440,000 min⁻¹, Head Size : ø10.8 x H 12.1 mm *Both standard and short shank sizes are applicable.
Standard Head : Power : 26 W, Speed : 320,000-400,000 min⁻¹, Head Size : ø12.5 x H 13.1 mm





LED NSK Coupling

Miniature Optic MODEL Z800L ORDER CODE P1110

Standard Optic MODEL Z900L ORDER CODE P1111

Connect to Other Couplings

Miniature Head : Power : 21 W, Speed : 360,000-440,000 min⁻¹, Head Size : ø10.8 x H 12.1 mm * Both standard and short shank sizes are applicable.
Standard Head : Power : 24 W, Speed : 320,000-400,000 min⁻¹, Head Size : ø12.5 x H 13.1 mm





LED KaVo® LED Coupling

Miniature Optic MODEL Z800KL ORDER CODE P1112
Standard Optic MODEL Z900KL ORDER CODE P1113





LED Sirona® LED Coupling

Miniature Optic MODEL Z800SL ORDER CODE P1114
Standard Optic MODEL Z900SL ORDER CODE P1115

LED Compatible Turbines with Integral LED





W&H® Roto Quick

Miniature Optic MODEL Z800WL ORDER CODE P1120
Standard Optic MODEL Z900WL ORDER CODE P1121

LED Compatible Turbines with Integral LED





Bien-Air® Unifix®

Miniature Optic MODEL Z800BL ORDER CODE P1116
Standard Optic MODEL Z900BL ORDER CODE P1117

Washable in the thermodisinfector
Autoclavable up to 135°C

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S-Max M

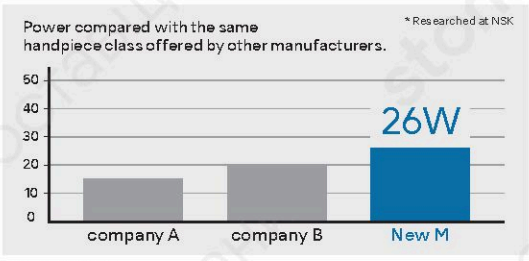


POWER

The new rotor shape was developed using a state-of-the-art computer simulation and fluid analysis software. This rotor delivers a significant 6W boost in power from 20W to 26W. The handpiece becomes an extension of the operator and provides a cutting feel that facilitates more intricate operations. Its elegant, slim design is replete with the expertise and technology accumulated over decades by the handpiece experts at NSK.

26W power

The internal structure is completely redesigned to achieve superior noise and vibration reduction, including the new 26W high power rotor.



Power [W] at 0.3MPa



The new rotor design is optimized using a rotating air flow simulation, resulting in 26W of power through the efficient use of air supply energy.

All stainless body

The handpiece body is stainless steel, making it corrosion resistant and sturdy. Its satin-like finish fits comfortably in your hand.

Clean Head System

The Clean Head System has an anti-suck back mechanism that stops blood and foreign matter from entering the head from the oral cavity. As a result, the ball bearings and mechanical parts last longer.

Simple cartridge change

The handpiece is designed with barrel type cartridge. The cartridge is easy to replace. Changing the cartridge also eliminates water blockage.

Quattro Spray

Sprays more effectively over the entire bur for better cooling.



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S-Max M

• Stainless Steel Body • Cellular Glass Optics • Ceramic Bearings • Clean Head System
• Push Button Chuck • Quattro SpraySimple • Simple Cartridge Change



Quattro Spray

Miniature Head : Power : 23 W, Speed : 380,000-450,000 min-1, Head Size : ø10.6 x H 12.4 mm *Both standard and short-stack coursare applicable.
Standard Head : Power : 26 W, Speed : 350,000-430,000 min-1, Head Size : ø12.1 x H 13.3 mm

Connect to NSK Couplings





LED NSK Coupling

Miniature Optic MODEL M800L ORDER CODE P1253
Miniature Non-Optic MODEL M800 ORDER CODE P1255



Standard Optic MODEL M900L ORDER CODE P1254
Standard Non-Optic MODEL M900 ORDER CODE P1256

Connect to Other Couplings





LED KaVo® LED Coupling

Miniature Optic MODEL M800KL ORDER CODE P1257
Standard Optic MODEL M900KL ORDER CODE P1258
Standard Non-Optic MODEL M900K ORDER CODE P1259





LED Sirona® LED Coupling

Miniature Optic MODEL M800SL ORDER CODE P1261
Standard Optic MODEL M900SL ORDER CODE P1262

LED Compatible Turbines with Integral LED





W&H® Roto Quick

Miniature Optic MODEL M800WL ORDER CODE P1265
Standard Optic MODEL M900WL ORDER CODE P1266
Standard Non-Optic MODEL M900W ORDER CODE P1287

LED Compatible Turbines with Integral LED





Bien-Air® Unifix®

Miniature Optic MODEL M800BL ORDER CODE P1263
Standard Optic MODEL M900BL ORDER CODE P1264

Washable in the thermodisinfector
Autoclavable up to 135°C

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Ti-Max X450

Unique 45-degree angled head provides incredible accessibility.

The slim-form Ti-Max X450 series possesses a unique 45-degree angled head specially designed to access hard-to-reach areas for sectioning and extraction of third molars and other impacted teeth. The X450's robust 21 watts of cutting power and effective cooling system - featuring triple water jets - ensure safe and effective treatment during a variety of surgical procedures.



Triple Water Jet

Power : 21 W, Speed : 380,000-450,000 min-1, Head Size : ø11.2 x H 13.5 mm

- **For FG extra-long burs (25 mm) only**
- Titanium Body with Scratch Resistant DURACOAT
- 45° Angle Head • Cellular Glass Optics • Ceramic Bearings
- Clean Head System • Push Button Chuck • Triple Water Jet

Connect to NSK Couplings





LED NSK Coupling

Optic MODEL X450L ORDER CODE P1078
Non-Optic MODEL X450 ORDER CODE P1088

Non-Optic MODEL X450M4 ORDER CODE P1092

COUPLING TYPE	NSK Optic	KaVo®	Sirona®	W&H®	Bien-Air®	NSK Non-Optic	QD	M4
MODEL	X450L	X450KL	X450SL	X450WLED	X450BLED	X450	X450QD	X450M4
ORDER CODE	P1078	P1079	P1080	P1082	P1081	P1088	P1086	P1092
LIGHT	Optic					Non-Optic		

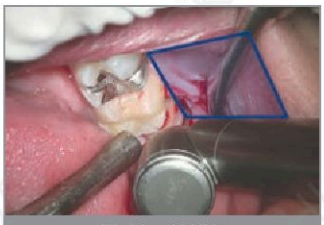
Superior accessibility



The 45-degree angled head offers excellent accessibility and visibility during root separation procedures and the removal of hard tissue covering impacted third molars.

The Ti-Max X450 permits optimal access to molars and a diverse range of operative procedures.

Mandibular Right Third Molar Extraction



Ti-Max X450

The labial and cheek mucous membranes do not interfere with treatment, and the bur can be maintained at a safe and optimal angle due to no contact on the turbine body. The X450's slim form factor also provides maximum visibility.



Standard turbine's head angle

Extending the labial or cheek mucous membranes is hard, which makes it difficult to have a delicate, tactile sense while cutting. Maintaining the bur at an optimal angle and direction is also problematic.

Washable in the thermodisinfector | Autoclavable up to 135°C

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S-Max pico

The innovative air turbine with ultra mini head and super slim body shape

The NSK S-Max pico series has been developed for the operation of Minimal Intervention (M.I.). The ultra mini head and super slim handpiece design is the result of fine NSK precision engineering, allowing a wider view of the operational field and greater flexibility for dexterity.



Single Spray

Power : 9 W, Speed : 380,000-450,000 min⁻¹, Head Size : ø8.6 x H 9.0 mm

- **For short shank burs / ultra short shank burs** • Accessory bur set
- Stainless Steel Body • Cellular Glass Optics
- Ceramic Bearings • Clean Head System
- Push Button Chuck • Single Spray

Connect to NSK Couplings



LED NSK Coupling



Optic MODEL S-Max pico ORDER CODE P1140

Non-Optic MODEL S-Max pico M4 ORDER CODE P1217

COUPLING TYPE	NSK	KaVo®	Sirona®	W&H®	Bien-Air®	QD	M4	B2
MODEL	pico	pico KL	pico SL	pico WLED	pico BLED	pico QD	pico M4	pico B2
ORDER CODE	P1140	P1142	P1143	P1145	P1144	P1173	P1217	P1218
LIGHT	Optic					Non-Optic		

pico bur

MODEL PC1
ORDER CODE Y1001817
• Pack of 3



MODEL PC2
ORDER CODE Y1001818
• Pack of 3



MODEL PC3
ORDER CODE Y1001819
• Pack of 3



MODEL PC3ff
ORDER CODE Y1002019
• Extra fine bur • Pack of 3



MODEL PC4
ORDER CODE Y1001820
• Pack of 3



MODEL PC4ff
ORDER CODE Y1002020
• Extra fine bur • Pack of 3



MODEL PC5
ORDER CODE Y1001821
• Pack of 3



MODEL PC5ff
ORDER CODE Y1002021
• Extra fine bur • Pack of 3



MODEL PC6
ORDER CODE Y1001822
• Pack of 3



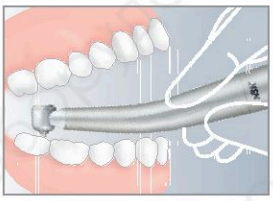
MODEL PC6ff
ORDER CODE Y1002022
• Extra fine bur • Pack of 3



MODEL pico bur set
ORDER CODE Y1001816
• PC1-6 / 1 pcs each



Size specifications of the S-Max pico series

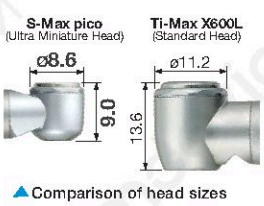




▲Comparison of body sizes







▲Comparison of head sizes

Washable in the thermodisinfector
Autoclavable up to 135°C

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DynaLED

Self-generating LED illumination

NSK DynaLED turbine handpieces take advantage of NSK micro precision engineering, resulting in high performance and long term reliability. These innovative turbines include a dynamic integrated mini power generator which delivers long life and daylight quality LED illumination when connected to any standard non optic air tubing. Clinicians can instantly gain the advantage of LED illumination on their existing or new dental equipment, simply for the cost of the turbine. NSK has chosen stainless steel for DynaLED turbines to give high priority for durable, stable and long term function.



NSK long life micro power generator – high efficiency and long term durability

- NSK has applied the very latest technologies and materials to achieve long term efficiency and reliability.
- Micro power generator is electronically calculated to produce the correct power source for highly effective LED illumination.
- The performance of the handpiece is not influenced by the micro power generator.

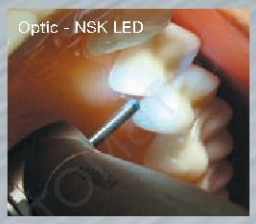


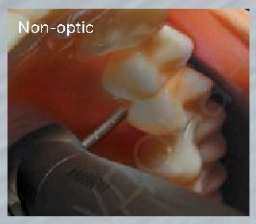
DynaLED – a perfectly balanced turbine handpiece

Even with the integrated power generator, NSK DynaLED is a perfectly balanced, high performance turbine handpiece. Clinicians will notice no weight nor balance difference when compared to a conventional turbine handpiece.

LED durability

The LED light source is significantly more durable than quartz, replicating daylight illumination quality.





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DynaLED

• Stainless Steel Body • Cellular Glass Optics • Ceramic Bearings • Clean Head System
• Push Button Chuck • Quattro Spray



Quattro Spray

Miniature Head : Power : 15 W (M4, B2) / 13 W (QD), Speed : 380,000-450,000 min⁻¹, Head Size : ø10.6 x H 12.4 mm, 25,000 LUX
* Both standard and short chuck are applicable.

Standard Head : Power : 16 W (M4, B2) / 14 W (QD), Speed : 330,000-430,000 min⁻¹, Head Size : ø12.1 x H 13.3 mm, 25,000 LUX

LED



Miniature MODEL M500LG M4 ORDER CODE P1105
• Midwest 4 hole

Miniature MODEL M500LG B2 ORDER CODE P1107
• Borden 2 hole

LED



Standard MODEL M600LG M4 ORDER CODE P1104
• Midwest 4 hole

Standard MODEL M600LG B2 ORDER CODE P1106
• Borden 2 hole

LED





QD Coupling

Miniature MODEL M500LG QD ORDER CODE P1109

LED



Standard MODEL M600LG QD ORDER CODE P1108

Washable in the thermodisinfector
Autoclavable up to 135°C

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FX Plus

Powerful all the way.

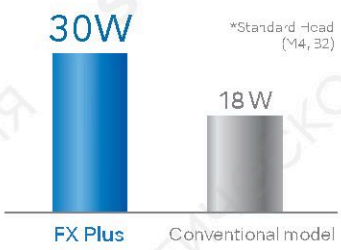
The FX Plus Series of high speed handpieces has been enhanced to meet expectations in modern dental procedures. Precision engineered to offer the power and reliability required to perform clinical procedures. The new FX Plus turbine cartridge delivers increased smoothness, while the bur retention system has been engineered to securely retain the bur under increased torque loads. The stainless steel body is comfortable in the hand and is angulated at the optimum degree for excellent direct visibility of the operating site without compromise.



60% Power Boost

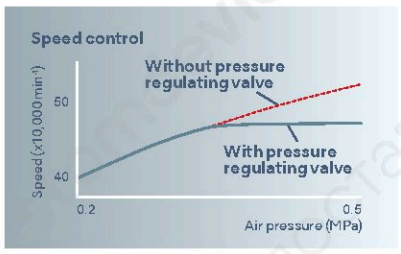
FX Plus is dramatically more powerful than its predecessors thanks to the combination of NSK's air turbine simulation technologies. Rated at a maximum of 30 watts, this new model boasts the highest power rating in its class. That concentrated power, along with the bur's high rotational accuracy, creates a synergistic effect that ensures fast, precise treatments.





Air pressure regulating valve

The internal pressure regulating valve maintains a stable supply of pressure to the handpiece head section, preventing premature deterioration of the rotor due to excessive rotational pressure.



NSK Ceramic Bearings

Ceramic Bearings are 25% harder than conventional steel bearings but are only half the weight. Because frictional wear between the ball bearings and the bearing retainer is significantly reduced the efficiency and durability is significantly increased.

Clean Head System

The Clean Head System has an anti-suck back mechanism that stops blood and foreign matter from entering the head from the oral cavity. As a result, the ball bearings and mechanical parts last longer.

Quattro Spray

Sprays more effectively over the entire bur for better cooling.



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FX Plus Non-Optic

• Stainless Steel Body • Ceramic Bearings • Clean Head System
• Push Button Chuck • Quattro Spray • Simple Cartridge Change



Quattro Spray

Miniature Head : Speed : 380,000-450,000 min^{-1}, Head Size : ø10.6 x H 12.4 mm
*Both standard and short-neck are applicable.
Standard Head : Speed : 325,000-410,000 min^{-1}, Head Size : ø12.1 x H 13.3 mm



Miniature MODEL FXP-MU M4 ORDER CODE PA2300
• Power : 27 W • Midwest 4 hole



Standard MODEL FXP-SU M4 ORDER CODE PA2301
• Power : 30 W • Midwest 4 hole



Miniature MODEL FXP-MU B2 ORDER CODE PA2302
• Power : 27 W • Borden 2 hole



Standard MODEL FXP-SU B2 ORDER CODE PA2303
• Power : 30 W • Borden 2 hole

Connect to NSK Couplings





QD Coupling

Miniature MODEL FXP-MU QD ORDER CODE PA2304
• Power : 23 W



Standard MODEL FXP-SU QD ORDER CODE PA2305
• Power : 26 W

Washable in the thermodisinfector
Autoclavable up to 135°C

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PanaAir FX

Evolution of PANA-Series

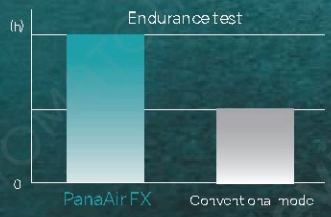
PanaAir FX offers much more endurance and power than previous models, while being just as easy to handle.
Its sleek design provides maximum visibility of the operating field, easily reaching all areas of the oral cavity.



Exceptional longevity

Newly designed bearing structure with greater wear resistants and extended lifespan.

Solid stainless steel construction allows it to easily withstand continuous autoclaving and thermo-disinfection.



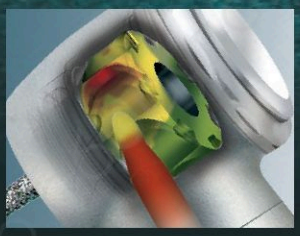
Unsurpassed durability

Built to excel in clinical situations. Featuring a scratch-resistant stainless steel body and head. Thanks to its uniquely designed shock-resistant head design, PanaAir FX's turbine rotor won't get damaged even if dropped onto a concrete floor.



30% power boost

PanaAir FX is dramatically more powerful than its predecessors thanks to the combination of NSK's air turbine simulation technologies. Rated at a maximum of 20 watts, this new model boasts the highest power rating in its class. That concentrated power, along with the bur's high rotational accuracy, creates a synergistic effect that ensures fast, precise treatments.

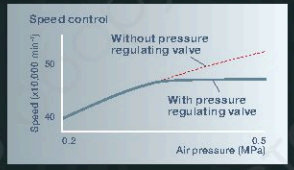




*Standard Head

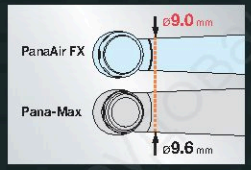
Air pressure regulating valve

The internal pressure regulating valve maintains a stable supply of pressure to the handpiece head section, preventing premature deterioration of the rotor due to excessive rotational pressure.



Slim-line stainless steel body

PanaAir FX's slim-line body guarantees excellent accessibility to the entire oral cavity. As a result, visibility of the treatment area is maximized, allowing you to work with total efficiency.



Easy-to-change cartridges

PanaAir FX cartridges are long lasting and easy to change, helping you to control cost and minimize downtime. Once the cartridge is changed, the instrument is as good as new.



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PanaAir FX Non-Optic

- Stainless Steel Body • Ceramic Bearings
- Clean Head System (Push Button Type) • Push Button Chuck (except Wrench Type)
- Single Spray • Air Pressure Regulating Valve (except QD Type)

Push Button Type

Standard Head : Power : 20 W, Speed : 350,000-450,000 min⁻¹, Speed (QD Coupling) : 300,000-400,000 min⁻¹, Head Size : ø11.2 x H 13.4 mm





Standard MODEL PAF-SU M4 ORDER CODE P1225
• Midwest 4 hole



Standard MODEL PAF-SU B2 ORDER CODE P1226
• Borden 2 hole

Connect to NSK Coupling





QD Coupling

Standard MODEL PAF-SU QD ORDER CODE P1227

Wrench Type

Standard Head : Power : 17 W, Speed : 350,000-450,000 min⁻¹, Head Size : ø11.2 x H 12.6 mm





Standard MODEL PAF-S M4 ORDER CODE T1069
• Midwest 4 hole



Standard MODEL PAF-S B2 ORDER CODE T1070
• Borden 2 hole

Washable in the thermodisinfector | Autoclavable up to 135°C

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Ti-Max Z

Contra-angle Series



DURABLE

YouTube #1 YouTube #2 YouTube #3

Anti Heat System (Z95L, Z85L, Z84L)

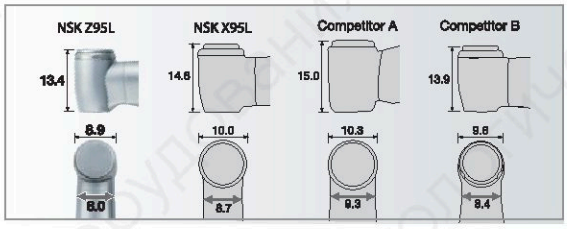
Our proprietary Anti Heat System dramatically reduces the heat typically experienced with speed increasing contra-angles. This feature improves patient safety without compromising manoeuvrability.

The smallest head

The head is angled 2° more than X95L for much better visibility and accessibility even for molars and other areas that are difficult to treat.

The slimmest neck

The slimmer neck provides much better visibility compared to existing products, delivering wide visibility of all treatment areas.



Amazingly silent operation

Z95L produces minimal noise and virtually eliminates vibration – a significant advantage for both clinicians and patients. These features are the result of NSK micro precision engineering technology.

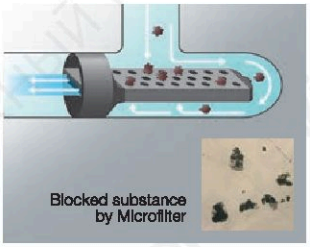
Outstanding durability



Z95L exceeds all professional current expectations for reliability and durability, even when compared to its closest competitor. NSK tests show that Z95L is more than twice as durable as any other comparable handpiece in the global market. The Z95L gear shapes have been designed using High Spec 3D simulation software to achieve optimal results in terms of durability and noise level minimization.

Microfilter

Microfilter works to prevent particles from entering the water spray system in order to guarantee optimum water spray cooling at all times.



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Ti-Max Z Optic

- Titanium Body with Scratch Resistant DURAGRIP
- Cellular Glass Optics • Clean Head System (exclude Z24L)
- Push Button Chuck • Microfilter



Quattro Spray



MODEL **Z95L** ORDER CODE **C1034**

1:5 Increasing • Exceptional Durability • Quattro Spray • For FG burs (ø1.6) • Ceramic Bearings • DLC Coating • Anti Heat System • Max Speed : 200,000 min^{-1}



Single Spray



MODEL **Z85L** ORDER CODE **C1062**

1:5 Increasing • Exceptional Durability • Single Spray • Miniature Head • For FG burs (ø1.6) • Ceramic Bearings • DLC Coating • Anti Heat System • Max Speed : 200,000 min^{-1}

* Short Shank only



Head size comparison

Z85 offering extraordinary visibility and accessibility



Quattro Spray



MODEL **Z84L** ORDER CODE **C1135**

1:4.5 Increasing • Exceptional Durability • Quattro Spray • Miniature Head • For FG burs (ø1.6) • Ceramic Bearings • DLC Coating • Anti Heat System • Max Speed : 180,000 min^{-1}

* Short Shank only



Head size comparison

Z84 offering extraordinary visibility and accessibility



Single Spray



MODEL **Z25L** ORDER CODE **C1038**

1:1 Direct Drive • Single Spray • For CA burs (ø2.35) • Max Speed : 40,000 min^{-1}



MODEL **Z24L** ORDER CODE **C1126**

1:1 Direct Drive • Single Spray • Miniature Head • For CA burs (ø2.35) • Max Speed : 40,000 min^{-1}



MODEL **Z15L** ORDER CODE **C1039**

4:1 Reduction • Single Spray • For CA burs (ø2.35) • Max Speed : 10,000 min^{-1}



MODEL **Z10L** ORDER CODE **C1040**

16:1 Reduction • Single Spray • For CA burs (ø2.35) • Max Speed : 2,500 min^{-1}

Washable in the thermodisinfector | Autoclavable up to 135°C

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Ti-Max Z45L

45-Degree Angled Head Supplies Superior Accessibility and Maximum Visibility

The world's first 45-degree contra-angle, Ti-Max Z45L provides effortless access to hard-to-reach molars that a standard contra-angle simply can't match. The slim-form Ti-Max Z45L also offers excellent visibility and high operability, creating more space between adjacent teeth and the handpiece body. Ti-Max Z45L's powerful and consistent cutting shortens treatment time for time-consuming sectioning and third-molar extractions compared to standard contra-angles, dramatically reducing stress for both clinicians and patients.

YouTube



EDISON AWARDS GOLD 2015 WINNER



Superior Accessibility

The 45-degree angled head allows easy access to the molar region, minimizing interference from the front teeth and adjacent teeth.

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Ti-Max Z45L Optic

• Titanium Body with Scratch Resistant DURAGRIP • 45° Angle Head
• Cellular Glass Optics • Ceramic Bearings • Clean Head System • Push Button Chuck
• Quattro Spray (Water Jet / Mist) • Microfilter • Anti Heat System • DLC Coating



MODEL Z45L ORDER CODE C1064
1:4.2 Increasing • For FG burs (ø1.6)
• Max Speed: 168,000 min^{-1}

Two-Way Spray Function





The world's first two-way spray function allows you to instantly choose a mist or jet spray depending on the conditions and procedure with an enclosed dedicated tool. The water jet spray prevents subcutaneous emphysema in surgical procedures, and the mist spray effectively cools the bur while cutting.

Superior Accessibility Enables a Vast Variety of Clinical Applications



Sectioning a Mandibular Left Impacted Third Molar

You can gain a comfortable finger rest without stress thanks to the extra space the slim Ti-Max Z45L creates between the front teeth. It is also easy to maintain the bur at an optimal angle and achieve precise sectioning, even when the operating depth is close to apex.



Caries Removal from Maxillary Left Second Premolar on Palatal Side

When working on the palatal side of a second premolar, Ti-Max Z45L ensures that you can operate smoothly and have plenty of working space between the maxillary adjacent teeth.



Caries Removal from a Maxillary Left Lateral Incisor's Cervical Area

Securing a solid finger rest on a front tooth enables stable cutting without interference from other teeth. Since you can also freely control the angle of the bur, minimal intervention treatments are also possible.



Clarifying the Root Canal Orifice of a Mandibular Right Second Premolar

Ti-Max Z45L enables you to prep smoothly without interference from the rubber dam clamp. Its flexibility also makes treatments safer and more precise.

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S-Max M



TOUGHNESS

The S-Max M series contra-angles have dramatically improved durability, and feature an updated internal body design and chuck mechanism.
They are NSK's next-generation standard - a marriage of ergonomic sophistication and smooth cutting feel.
Experience them for yourself.

Updated internal body design

The all new internal design makes it even more durable, and it can withstand repeated autoclave sterilization and the hostile environment of thermo-disinfection.

Clean Head System

The Clean Head System has an anti-suck back mechanism that stops blood and foreign matter from entering the head from the oral cavity. As a result, the ball bearings and mechanical parts last longer.

All stainless body

The handpiece body is stainless steel, making it rust-proof and sturdy. Its satin-like finish fits comfortably in your hand.

A new chuck mechanism provides even greater holding strength

The bur holding chuck mechanism has been updated further improving operator and patient safety. And because it's easy to use, you can totally focus on the treatment.

Slimmer shape

The grip has been made slimmer in response to requests for a design that avoids contact with the front teeth when accessing molars.

Quattro Spray

Sprays more effectively over the entire bur for better cooling.
*M95L/M95 only



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S-Max M

• Stainless Steel Body • Cellular Glass Optics
• Clean Head System • Push Button Chuck (exclude M65)



Optic MODEL M95L ORDER CODE C1023
Non-Optic MODEL M95 ORDER CODE C1026

1:5 Increasing • Quattro Spray • For FG burs (ø1.6)
• Ceramic Bearings • Anti Heat System
• Max Speed : 200,000 min^{-1}



Optic MODEL M25L ORDER CODE C1024
Non-Optic MODEL M25 ORDER CODE C1027

1:1 Direct Drive • Single Spray • For CA burs (ø2.35)
• Max Speed : 40,000 min^{-1}



Optic MODEL M15L ORDER CODE C1025
Non-Optic MODEL M15 ORDER CODE C1028

4:1 Reduction • Single Spray • For CA burs (ø2.35)
• Max Speed : 10,000 min^{-1}

Straight Handpiece



Non-Optic MODEL M65 ORDER CODE H1008

1:1 Direct Drive • Single Spray • For HP burs (ø2.35)
• For CA burs (ø2.35)* • Max Speed : 40,000 min^{-1}
*Need to insert the supplied bur stopper

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FX series

A new legend begins

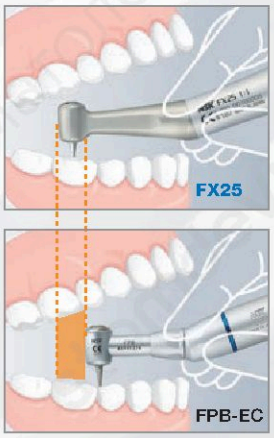
After 35 years of outstanding global sucess, the classic NSK EX handpiece series has now evolved into an new stage. - NSK FX handpiece series - a modernization of the EX series. The traditional NSK simple design technology, functional reliability, durability, and cost effective pricing still remains, but FX has been updated to an integrated design in response to modern demands.



"Stress-free" form

All-round visibility: The super slim neck and body with ultra mini head supply expansive operation views and superior visibility of even hard-to-reach areas in the oral cavity. User-friendliness: You'll enjoy maximum accessibility during procedures thanks to the slim, perfect balance and ergonomic grip, cutting down on the stress asociated with various treatments.

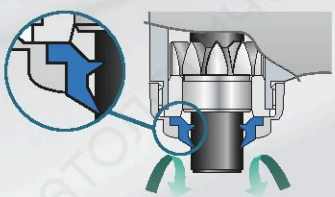




Maximum accessibility

Paste Defense System

FX57's head incorporates NSK's original and exclusive dustproof mechanism known as the Paste Defense System. This system prevents polishing paste debris from entering the handpiece, and the DLC coating on the rotor prevents breakage caused by surface abrasions from the polishing paste. These features help to significantly extend the life of the handpiece. (FX57 only)



Easy Cartridge Replacement

Cartridges are easily replaced with the accessory tools provided, helping you save on costs and reduce downtime (FX25, FX23).



High-Precision Gears

The high-precision gears run quiet and are supremely durable, which also reduces uncomfortable vibration.



Push Button Chuck

NSK original Push Button Chuck allows simple one-touch bur insertion and removal without tools.



Hygienic

The seamless and stylish integrated body ensures easy and thorough cleaning after treatment, providing an elevated level of hygienic care.



Head Cap

Push button has been designed not to be pushed in mouth and to prevent bur loosening while treatment.

Highly Durable against Autoclave

FX series handpieces easily withstand repeated autoclaving at up to 135°C.

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FX series External Water Spray **Non-Optic**

General Applications Handpiece



MODEL **FX25** ORDER CODE **C1052002**
1:1 Direct Drive • For CA burs (ø2.35)
• Push Button Chuck • Clean Head System
• Ball Bearing • Max Speed : 40,000 min-1



MODEL **FX23** ORDER CODE **C1056002**
1:1 Direct Drive • For CA burs (ø2.35)
• Push Button Chuck • Max Speed : 30,000 min-1



MODEL **FX22** ORDER CODE **C1129**
1:1 Direct Drive • For CA burs (ø2.35)
• Latch type • Max Speed : 30,000 min-1



MODEL **FX15** ORDER CODE **C1053002**
4:1 Reduction • For CA burs (ø2.35)
• Push Button Chuck • Clean Head System
• Ball Bearing • Max Speed : 10,000 min-1

Endodontic Handpiece



MODEL **FX75** ORDER CODE **C1055002**
16:1 Reduction • Miniature Head
• For engine files • 360° Rotation
• Push Button Chuck • Max Speed : 1,250 min-1

Prophylaxis Handpiece





MODEL **FX57** ORDER CODE **C1054002**
4:1 Reduction • For screw-in cups and brushes
• 360° Rotation • Paste Defense System
• w/o Spray • Max Speed : 5,000 min-1

Straight Handpiece



MODEL **FX65** ORDER CODE **H1014002**
1:1 Direct Drive • For HP burs (ø2.35)
• Clean Head System • Max Speed : 40,000 min-1

Autoclavable up to 135°C

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Ti-Max X205L Internal Water Spray LED

Shorter and lighter - ergonomic comfort & improved balance

Reduced size and weight for unsurpassed balance





Optic MODEL X205L ORDER CODE M1013

• 360° Swivel with LED illumination • 32,000 LUX
• Titanium body with scratch-resistant DURACOAT
• Non-retraction Valve • Max Speed : 23,000 min^{-1} ±10%

DynaLED M205LG Internal Water Spray LED

The world's first air motor with self LED illumination



Optic MODEL M205LG M4 ORDER CODE M1018

• Midwest 4 hole • Max Speed : 22,000 min^{-1} ±10%

Optic MODEL M205LG B2 ORDER CODE M1019

• Borden 2 hole • Max Speed : 25,000 min^{-1} ±10%

• LED Air Motor with Micro Power Generator
• 25,000 LUX • Non-retraction Valve

S-Max M205 Internal Water Spray



Non-Optic MODEL M205 ORDER CODE M1007

• Non-retraction Valve • Midwest 4 hole
• Max Speed : 22,000 min^{-1} ±10% • Stainless Steel Body
* B2 is not available

FX205 External Water Spray



Non-Optic MODEL FX205 M4 ORDER CODE M1005002

• Midwest 4 hole • Max Speed : 22,000 min^{-1} ±10%

Non-Optic MODEL FX205 B2 ORDER CODE M1006002

• Borden 2 hole • Max Speed : 25,000 min^{-1} ±10%

FX205 Air Motor Sets FX205 + FX65 + FX23 / FX205 + FX65 + FX22

External Water Spray



Non-Optic MODEL FX205 M4 Set ORDER CODE Y1002665

• Midwest 4 hole

Contents • Air Motor (FX205) • Straight Handpiece (FX65) • Contra-angle Handpiece (FX23)

Non-Optic MODEL FX205 B2 Set ORDER CODE Y1002666

• Borden 2 hole

Contents • Air Motor (FX205) • Straight Handpiece (FX65) • Contra-angle Handpiece (FX23)

Non-Optic MODEL FX205 M4 / FX22 Set ORDER CODE Y1003590

• Midwest 4 hole

Contents • Air Motor (FX205) • Straight Handpiece (FX65) • Contra-angle Handpiece (FX22)

Non-Optic MODEL FX205 B2 / FX22 Set ORDER CODE Y1003589

• Borden 2 hole

Contents • Air Motor (FX205) • Straight Handpiece (FX65) • Contra-angle Handpiece (FX22)

S-Max M205 can be washed in the thermodisinfector. Autoclavable up to 135°C

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stomdevice

Student Kit

FX205 + FX65 + FX23 or FX22 + PanaAir FX



Motor Straight Handpiece



FX205



FX65

Contra-angle (FX Series)



FX23



FX22

Air Turbine (PanaAir FX)

Push Button type

Standard Head



	MODEL	ORDER CODE
M4	PRO PAF SU M4 FX23 KIT	Y1003601
B2	PRO PAF SU B2 FX23 KIT	Y1003599

Push Button type

Standard Head



	MODEL	ORDER CODE
M4	PRO PAF SU M4 FX22 KIT	Y1003597
B2	PRO PAF SU B2 FX22 KIT	Y1003595

Wrench type

Standard Head



	MODEL	ORDER CODE
M4	PRO PAF S M4 FX22 KIT	Y1003593
B2	PRO PAF S B2 FX22 KIT	Y1003591

* The selected connection (M4 or B2) will be applied to both motor and air turbine.

Autoclavable up to 135°C

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NLZ

THE NEW STYLE ELECTRIC

THE COMPACT MAKES A BIG CHANGE



YouTube #1



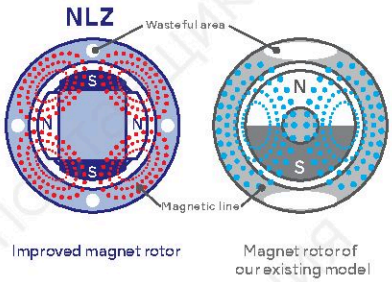
YouTube#2 YouTube#3 YouTube#4 YouTube#5

Superior* performance of motor with compact size

*Compared to our existing model.

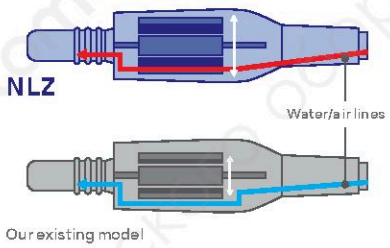
Powerful

The conventional magnet rotor has been replaced with an improved magnet rotor. More powerful rotation is achieved in the same amount of space by reducing weak magnetic areas.



Efficient

In this unique technology, the water and air lines that used to bypass the motor have now been integrated with the motor. This new, more efficient configuration makes maximum use of the limited space and is lighter and more powerful than before.



Specs comparison

		Our existing model	NLZ • NLZ E
Motor Specs	Number of rotations	2,000 - 40,000 min-1	100 - 40,000 min-1
	Max Torque	3.4 Ncm	4.2 Ncm (120% High Torque)
Corresponding model to endodontic mode		-	○ (NLZ E)

FLEXIBLE INSTALLATION STYLE

SUPERIOR VISIBILITY & OPERABILITY



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stomdevice

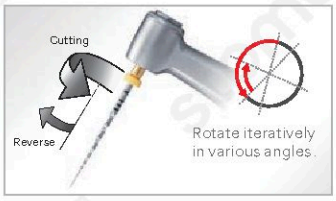
For safer and more efficient endodontic treatment *NLZ E only

In addition to the Auto Reverse and Auto Stop functions, a wide range of new features are incorporated for safer and more efficient endodontic treatment.

Endodontic reciprocating function

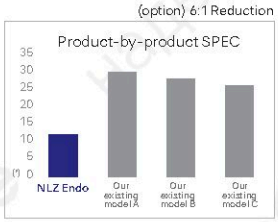
WaveOne® Gold

Compatible with the Dentsply Sirona Endodontics reciprocating file: WAVEONE® GOLD. WAVEONE®, from Dentsply Sirona, sets new standards in Endodontics, by bringing simplicity to the root canal shaping procedure, using only one NiTi instrument per root canal in most cases. The global shaping time is thus decreased by up to 40% versus a traditional continuous rotary technique. The new NLZ Endo motor has a reciprocating function which allows to work in the WAVEONE® reciprocating mode. A large rotating angle in the cutting direction provides high efficiency, whereas a smaller angle in the reverse direction allows the WAVEONE® file to safely progress along the canal path, whilst reducing the risk of a screwing effect and file breakage.



Reciprocating specialist electric attachment NLZ Endo

Newly developed reciprocating specialist electric attachment NLZ Endo. Building on our existing handpiece development technology, we have succeeded in reducing the movement loss during reciprocating operations. As a result, it is possible to correctly transmit reciprocating actions for a smooth endodontic treatment.



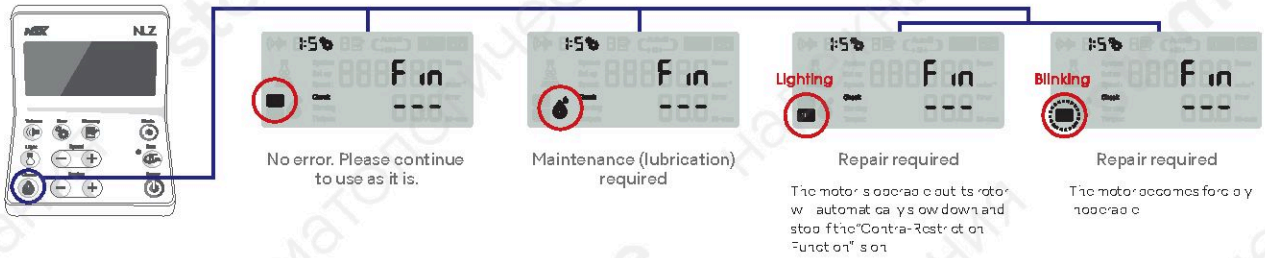
Endo torque calibration function

Performing the "Contra-Check Function" shown in the left also enables torque calibration. This function measures the no-load current values and corrects the torque accordingly, resulting in greatly enhanced safety in endodontic treatment.

※ This function cannot completely absorb the individual difference of the actual motor and contra-angle.

Safety functions Contra-Check Function (Proprietary to NSK)

"Contra-Check Function" helps detect abnormalities caused by deterioration of the electric attachment and insufficient maintenance before use. Our advanced function is the result of NSK's relentless pursuit of safe treatment. *NSK's Ti-Max Z, X and S-Max M electric attachments are compatible with "Contra-Check Function".



No error. Please continue to use as it is.

Maintenance (lubrication) required

Repair required

The motor is operable but its rotor will automatically slow down and stop if the "Contra-Restriction Function" is on.

Repair required

The motor becomes forcibly inoperable.

NLZ E

Complete Set Optic

MODEL NLZ E S230
ORDER CODE Y1004004

Contents
- NLZ E U (Control Unit & Main Unit)
- NE180 (AC adaptor)
- NLZ (Motor)
- NLZ CD (Motor Cord)
- NLZ U BRACKET



Specifications :

Unit	• Dimension Control Unit : W 76 × D 87.1 × H 63.4 mm • Dimension Main Unit : W 146 × D 75 × H 48 mm • Power Supply : AC 230 V 50/60 Hz • Programs : General Application Mode / 6 programs Rotary Endo Mode / 6 programs
Motor	• Motor Type : Brushless Micromotor • Max Torque : 4.2 Ncm • Endodontics Torque : 0.3-6.0 Ncm (Depending on gear ratio) • Motor Speed : 100-40,000 min-1 • Dimension : ø22 × H 68.8 mm • Weight : 59 g (motor only) • Light : White LED

NLZ Endo

Endodontic Handpiece
6:1 Reduction



Non-Optic MODEL NLZ Endo ORDER CODE C1130

- Max Speed : 1,000 min-1 (Output Max Rotation Speed of the Motor : 6,000 min-1)
- Engine Files (ø2.35) *For Rotary Endo Mode
- Wave-One Reciprocating Files (ø2.35) *For Reciprocating Endo Mode
- Head Size : ø8.6 × H 11.3 mm • Push Button Chuck

Washable in the thermodisinfector | 135°C Autoclavable up to 135°C

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NLX nano LED BRUSHLESS

A new generation of micromotor as Well balanced as an air turbine

NLX nano has been designed to minimize weight and size to improve the balance of instrument and motor in the hand of the clinician, reducing fatigue during prolonged procedures. Despite its small size and light weight, the NLX nano is as powerful as traditional micromotors and offers wider range of speeds. Its 180° Vector Control assures smooth and stepless control over the entire speed range. Thanks to LED illumination, it now delivers 32,000 LUX*, natural daylight quality light and assures clearer vision, reducing fatigue during operation.
Feel our quality of NLX nano micromotor.



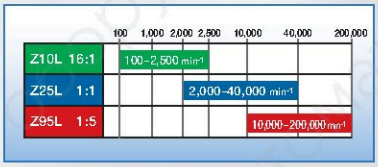
More than 25% shorter and 20% lighter

Thanks to NSK know how, NLX nano has been designed to reduce weight by 20% and size by more than 25% compared with the current NSK micromotor. Despite its smaller size and lighter weight, NLX nano is as powerful and offers the same speed range as the current brushless NSK clinical micromotors.



Wider clinical applications

NLX nano covers a wide speed range and is compatible with your existing optic and non-optic contra-angles. Combined with a wide range of contra-angles, it covers a speed range of 100–200,000 min^{-1}, to make it suitable for any applications.



Perfect balance

The balance of the motor and instrument combined has been dramatically improved as the weight and size of NLX nano has been reduced drastically. The overall length of instrument and NLX nano micromotor are almost the same as the length of air turbines and couplings, thus enabling practitioners use contra-angles and NLX nano micromotors just like the use of air turbines.

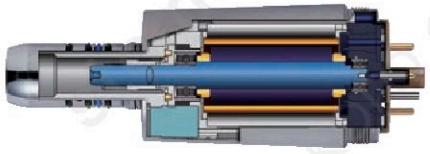


*Figures by NSK laboratory.

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High torque, smooth rotation and minimal vibration

Thanks to the NSK 180° Vector Control System, the NLX nano realizes smooth and stepless control over the entire speed range and assures high power. It reduces noise and vibration to the lowest level, resulting in improved comfort for patients and clinicians.



Autoclavable and maintenance free brushless micromotor

The micromotor can be repeatedly autoclaved up to 135°C (with autoclave plug and motor cap). It is brushless micromotor that requires no brush replacement.



135°C Autoclavable up to 135°C (Micromotor only)

NLX nano

Optic
Internal Water Spray LED

Electric Micromotor Upgrading System BRUSHLESS

Speed : 2,000–40,000 min^{-1}, Torque : 3.4 Ncm

MODEL NLX nano S230 (230V)
ORDER CODE Y1001362

Contents
• NLX nano U (Control Unit) • NLX nano (Motor)
• NLX CD (Cord) • NLAC (AC Adaptor) 230V

Specifications (Control Unit)

- Rated Input : AC 28 V 50/60 Hz
- Dimensions : W 127 x D 149 x H 54 mm
- Weight : 517 g



M40 XS

Internal Water Spray BRUSH LED

Easy to connect to Bien-Air® 4VLM and 4VR 400 hoses

Connect direct to existing
• Bien-Air® 4VLM tubing • Bien-Air® 4VR 400 tubing • Bien-Air® B4VLR tubing



Bien-Air® is registered trademarks of Bien-Air Dental S.A.



Optic MODEL M40XS ORDER CODE E1135051
Non-Optic MODEL M40NXS ORDER CODE E1136051

• Made Shorter and Lighter for Perfect Balance
• Advantages of using - LED light • Ergonomic Shape

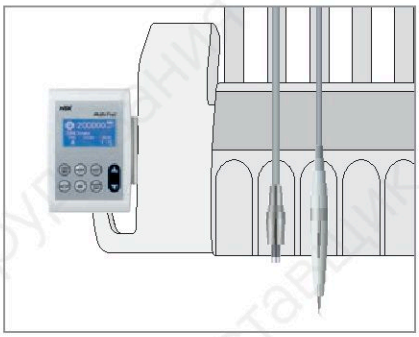
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Built-in Product for Dental Chair Unit



Built-in Product Line-Up

- Micromotor
- Ultrasonic Scaler
- External Control Panel



(Built-in) Micromotor

NLXplus

Optic
Internal Water Spray

Electric Micromotor Integrated System **BRUSHLESS**

Speed : 100–40,000 min^{-1}, Torque : 4.0 Ncm,
with Endo Function

- Subject to supply approval



NLXnano

Optic
Internal Water Spray

Electric Micromotor Integrated System **BRUSHLESS**

Speed : 1,000–40,000 min^{-1}, Torque : 3.4 Ncm

- Please contact NSK dealer for installation inquiry



NBX

Optic
Internal Water Spray

Electric Micromotor Integrated System **BRUSH**

Speed : 1,000–40,000 min^{-1}

- Please contact NSK dealer for installation inquiry



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(Built-in) Ultrasonic Scaler

Varios 170 Optic / Non-Optic iPiezo engine LED

Integrated Multi Function Ultrasonic Scaler



Specifications

- Power Supply : AC 24 V ±10% (or DC 24-36 V)
- Frequency : 28-32 kHz
- Max. Output : 11 W
- Dimensions : W 63 x D 54 x H 26 mm
- Unit weight : 59 g

		MODEL	ORDER CODE	CONTENTS
Optic	**Varios 170LUXS1 without Potentiometer & 3 Mode Select Switch**	VA170LUXS1	Y1001351	• Built in module • Handpiece • Handpiece cord • 3 Scaling tips (G4, G6, G8) • 3 x Tip replacement wrench with torque limiter • Sterilization case
Non-Optic	**Varios 170S1 without Potentiometer & 3 Mode Select Switch**	VA170S1	Y1001352	
Optic	**Varios 170LUXS2 with Potentiometer & 3 Mode Select Switch**	VA170LUXS2	Y1001441	
Non-Optic	**Varios 170S2 with Potentiometer & 3 Mode Select Switch**	VA170S2	Y1001442	
Optic	**VA170LUX-NAS with G2/4/6 without Sterilization Case, only with 1 Tip Wrench, without Potentiometer & 3 Mode Select Switch**	VA170LUXNAS	Y1001916	• Built in module • Handpiece • Handpiece cord • 3 Scaling tips (G2, G4, G6) • 1 x Tip replacement wrench with torque limiter
Non-Optic	**VA170-NAS with G2/4/6 without Sterilization Case, only with 1 Tip Wrench, without Potentiometer & 3 Mode Select Switch**	VA170NAS	Y1001898	

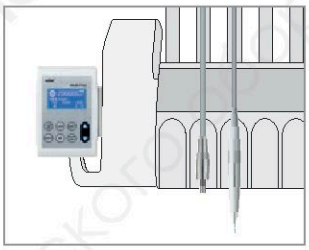
Multi Control Panel for Built-in System

Multi Pad Multi-Control Panel for built-in system

Integrated into existing equipment with the latest leading edge technology

Features

- User friendly LCD display and interface to select settings.
- Visual identification on the display is possible even during operation of the handpiece.
- Up to 8 programs (motor only).
- Supports 5 languages (English, Espanol, Italiano, Francais and Deutsch).



The Integrated System

Electric Micromotor Integrated System (NLX BF) and Multi Function Ultrasonic Scaler (Varios 170) can be controlled with the system.

NBX

NLX nano

NLX plus



Varios2 Lux

Varios2





Multi Pad Complete Sets

MODEL Multi Pad
ORDER CODE Y1001845

MODEL Multi Pad Auto-Select
ORDER CODE Y1001846

Contents

- Multi Pad Unit • Angle Plate (Mounting bracket)
- Screws

Specifications

- Input voltage : DC +12 V
- Input connect : 100 mA
- Max. output power : 1.2 W
- Dimensions : W 95 x D 138 x H 31 mm

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Varios Combi Pro

Two Maintenance Systems in One

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



YouTube #1 YouTube #2 YouTube #3

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.

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Easy Maintenance

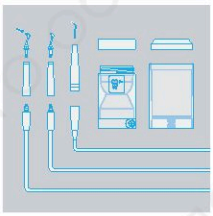
Auto-cleaning function

Auto-cleaning automatically cleans the handpiece and hose after powder or ultrasonic applications. During the cleaning cycle, the display shows the time remaining to complete the process which takes approximately 45 seconds from start to finish.



Easy maintenance

The nozzle, handpiece, handpiece hose and chamber are easy to disassemble.



Powder function

Following treatment, simply press the auto-cleaning button to discharge water from the hose and handpiece to prevent possible powder blockages.

Ultrasonic function

Press the auto-cleaning button to flush the handpiece, tip and handpiece cord tip. This lowers the risk of corrosion especially when corrosive irrigants have been used.

Smooth surfaces for easy cleaning

The body is seamless and smooth, making it easy to remove powder residues. The display material has been treated with a scratch resistant coating.

Powder particle comparisons

The fine Perio-Mate Powder is ideal for periodontal pocket treatment.



Conventional sodium bicarbonate powder

Average particle diameter : 73 µm
Scanning electron microscope image magnification of 150×



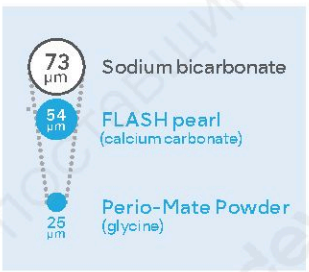
FLASH pearl (calcium carbonate)

Average particle diameter : 54 µm
Scanning electron microscope image magnification of 150×



Perio-Mate Powder (glycine)

Average particle diameter : 25 µm
Scanning electron microscope image magnification of 150×



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



Accessories

MODEL **FLASH pearl**
ORDER CODE **Y900693**

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



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 15 g sachets)
- Maintenance kit • VA2LUX-Handpiece
- VA2LUX Hose • 3 Scaling tips
- Sterilization case
- Irrigation bottle (400 mL) • Foot control



Specifications

• Power Supply : AC 100-240 V 50/60 Hz	• Unit weight : 2.6 kg (except attachment)
• Frequency : 28-32 kHz	• Bottle volume : 400 mL
• Dimensions : W 225 x D 290 x H 162 mm (including chamber)	

Multi-Foot Control

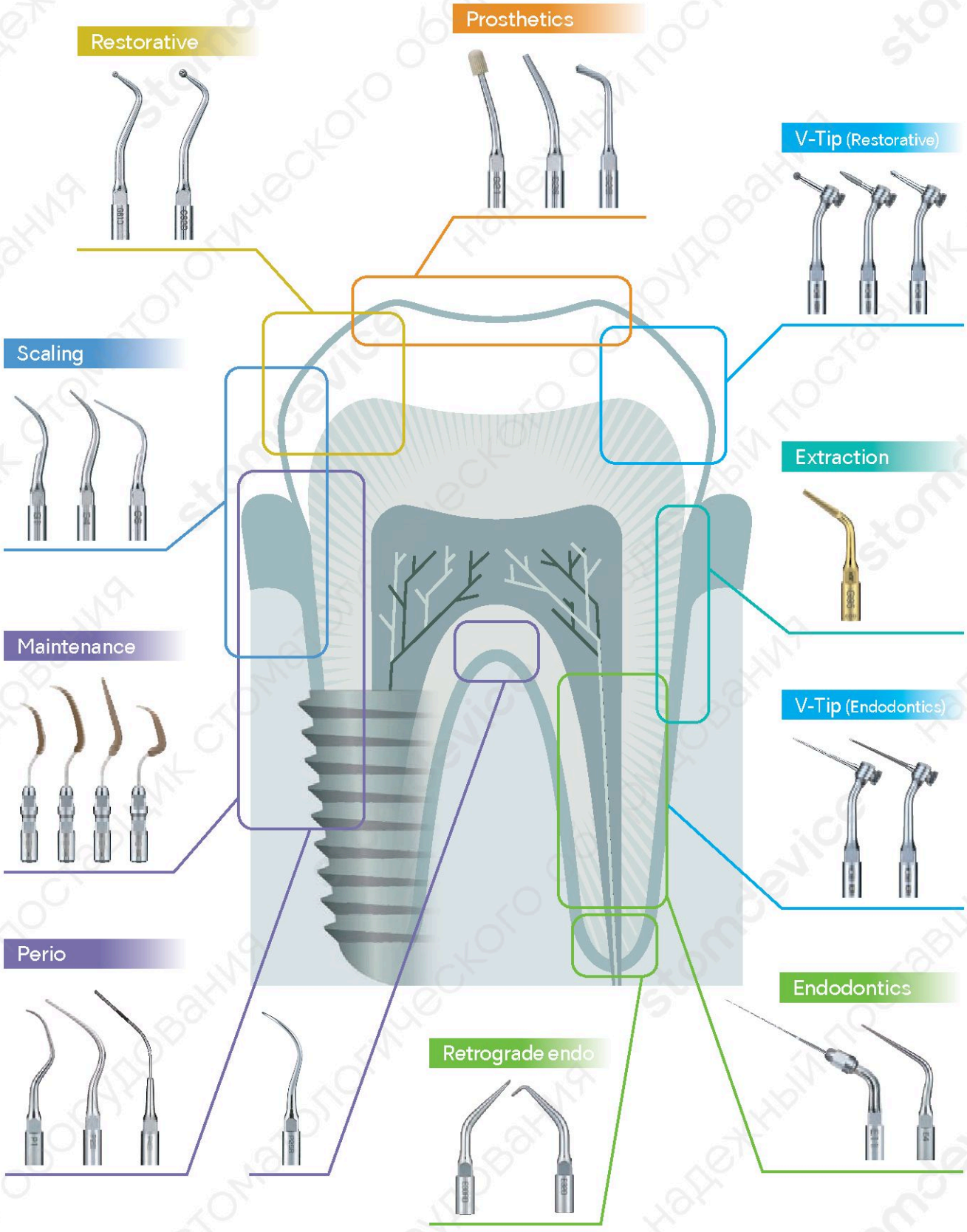
NSK extensively researched foot movement and sensory feeling when developing the Multi-Foot Control to enable clinicians to operate the unit hands-free to facilitate uninterupted procedures. Just using the foot the user can switch ultrasound or powder modes on or off and chang power settings. Combined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



Please scan the QR code to access the Varios Scaler Tip Guide.

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NSK offers a wide choice of varios ultrasonic scaler tips for clinical applications.



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Varios 970

Optic / Non-Optic
iPiezo engine LED

Multifunction portable unit for extreme versatility

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 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.



Features

- Easily changeable solution bottles
- Designed for easy on site maintenance
- Touch control mode indicator Perio, Endo, 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 (230V) ORDER CODE Y1001168

Non-Optic Varios 970 Non-Optic Complete Set
MODEL VA970 (230V) ORDER CODE Y1001175

Specifications

• Power Supply	: AC 230 V 50/60 Hz
• Frequency	: 28-32 kHz
• Max. output	: 11 W (G mode)
• Dimensions	: W 160 x D 270 x H 190 mm (including bottle)
• Unit weight	: 2.1 kg (except attachment)
• Bottle volume	: 400 mL (x 2 bottles)

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 cord
- Sterilization case

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Varios 570

Optic / Non-Optic
iPiezo engine LED

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.





NSK's advanced technology, iPiezo engine®, ensures stable frequency by automatically adjusting to the optimum frequency for each of the many tips available to give you an excellent, tactile feel.
This innovative technology assures an optimal and stable power output by automatically monitoring the loading of the tip and adjusting it accordingly.

Well balanced, slimmest and lightest handpiece with LED illumination



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.



The extremely slim Varios 2 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 disinfector.



Varios 2 Handpiece | Competitor

Varios 570 Complete Sets



Optic Varios 570 Optic Complete Set
MODEL VA570 LUX (230V) ORDER CODE Y1001273

Non-Optic Varios 570 Non-Optic Complete Set
MODEL VA570 (230V) ORDER CODE Y1001269

Specifications

• Power Supply	: AC 100-240 V 50/60 Hz
• Frequency	: 28-32 kHz
• Max. output	: 11 W (G mode)
• Dimensions	: W 160 x D 135 x H 65 mm
• Unit weight	: 430 g

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

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Varios 370

Optic / Non-Optic
iPiezo engine LED

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.

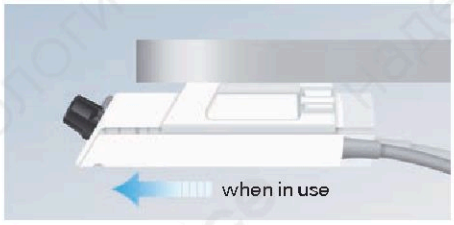


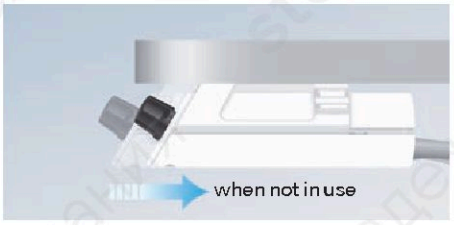


Varios 370 units installation examples



MODEL Control Unit Holder
ORDER CODE Y1001812
(standard accessory)







Under or on the doctor table with Control Unit Holder



On the dental console arm with Stand Model Z254 (optional)



Behind or beside the doctor table with Mounting Bracket Model Z259 (optional)

Varios 370 Complete Sets



Optic **Varios 370 Optic Complete Set**
MODEL VA370 LUX (230V) ORDER CODE Y1001343

Non-Optic **Varios 370 Non-Optic Complete Set**
MODEL VA370 (230V) ORDER CODE Y1001340

Specifications

• Power Supply	: AC 100-240 V AC 50/60 Hz
• Frequency	: 28-32 kHz
• Max. output	: 11 W (G mode)
• Dimensions	: W 80 x D 115 x H 32 mm (without knob and cord)
• Unit weight	: 430 g (without attachment)

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

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Varios Ultrasonic Scaler Tips

Varios Ultrasonic Scaler Tips — Scaling

Cross Section Diagram



Max. Power G 7

NSK Satelec® — MODEL G1 ORDER CODE Z217101
EMS® — MODEL G1-E ORDER CODE Z291101

G 7



NSK Satelec® — MODEL G2 ORDER CODE Z217102
EMS® — MODEL G2-E ORDER CODE Z291102

G 7



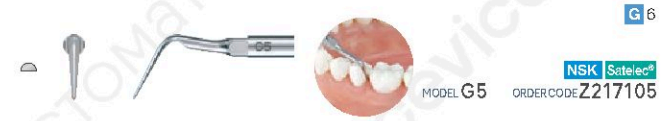
NSK Satelec® — MODEL G3 ORDER CODE Z217103
EMS® — MODEL G3-E ORDER CODE Z291103

G 5



NSK Satelec® — MODEL G4 ORDER CODE Z217104
EMS® — MODEL G4-E ORDER CODE Z291104

G 6



NSK Satelec® — MODEL G5 ORDER CODE Z217105

G 8



NSK Satelec® — MODEL G6 ORDER CODE Z217106
EMS® — MODEL G6-E ORDER CODE Z291106

Cross Section Diagram



Max. Power G 7

NSK Satelec® — MODEL G8 ORDER CODE Z217108

G 5



NSK Satelec® — MODEL G9 ORDER CODE Z217109

G 6



NSK Satelec® — MODEL G11 ORDER CODE Z217411

G 7



NSK Satelec® — MODEL G12 ORDER CODE Z217412

G 6



NSK Satelec® — MODEL G13 ORDER CODE Z217413

MODEL Scaling G1 Pack	ORDER CODE Y900501	Contents • G1 6 pcs
MODEL Scaling G4 Pack	ORDER CODE Y900502	Contents • G4 6 pcs
MODEL Scaling G6 Pack	ORDER CODE Y900503	Contents • G6 6 pcs
MODEL Scaling G8 Pack	ORDER CODE Y1002163	Contents • G8 6 pcs
MODEL Scaling G9 Pack	ORDER CODE Y1002164	Contents • G9 6 pcs

Varios Ultrasonic Scaler Tips — Perio (Root planing)

P 6



NSK Satelec® — MODEL P1 ORDER CODE Z217404

P 10



NSK Satelec® — MODEL P1D ORDER CODE Z217405
• Diamond coated

P 8



NSK Satelec® — MODEL P2D ORDER CODE Z217402
• Diamond coated • Right curved tip

P 8



NSK Satelec® — MODEL P3D ORDER CODE Z217403
• Diamond coated • Left curved tip

P 10



NSK Satelec® — MODEL P10 ORDER CODE Z217410
• Sharp edge

P 10



NSK Satelec® — MODEL P11R ORDER CODE Z217408
• Sharp edge • Right curved tip

Max. Power P 10



NSK Satelec® — MODEL P11L ORDER CODE Z217409
• Sharp edge • Left curved tip

P 8



NSK Satelec® — MODEL P20 ORDER CODE Z217420
EMS® — MODEL P20-E ORDER CODE Z291420

P 8



NSK Satelec® — MODEL P21R ORDER CODE Z217422
EMS® — MODEL P21R-E ORDER CODE Z291422
• Right curved tip

P 8



NSK Satelec® — MODEL P21L ORDER CODE Z217421
EMS® — MODEL P21L-E ORDER CODE Z291421
• Left curved tip

P 10



NSK Satelec® — MODEL P25R ORDER CODE Z217424
EMS® — MODEL P25R-E ORDER CODE Z291424
• Right curved tip

P 10



NSK Satelec® — MODEL P25L ORDER CODE Z217425
EMS® — MODEL P25L-E ORDER CODE Z291425
• Left curved tip

Satelec® for P-Max XS and P6XS only.
EMS® for Piezon Master 600 (mini Master) only.
*Please refer to NSK TIP GUIDE for power settings.

Satelec®, P-Max XS and P6XS are registered trademarks of Acteon SA.
EMS®, Piezon Master 600 and mini Master are registered trademark of Electro Medical Systems SA.

Washable in the thermodisinfector
135°C Autoclavable up to 135°C

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Varios Ultrasonic Scaler Tips — Perio (Root planing)

Cross Section Diagram



Max. Power P 6

NSK Satelec

MODEL P26R ORDER CODE Z217426

• Sharp edge • Right curved tip

Cross Section Diagram



Max. Power P 6

NSK Satelec

MODEL P26L ORDER CODE Z217427

• Sharp edge • Left curved tip

Varios Ultrasonic Scaler Tips — Perio (Irrigation and cleaning)

P 3



NSK Satelec

MODEL P40 ORDER CODE Z217550

• Tip diameter ø0.6 mm

P 3



NSK Satelec

MODEL P41 ORDER CODE Z217555

• Tip diameter ø0.8 mm

MODEL Perio P10 Pack ORDER CODE Y900504 Contents • P10 6 pcs

MODEL Perio P20 Pack ORDER CODE Y900505 Contents • P20 6 pcs

Varios Ultrasonic Scaler Tips — Endodontics

E 6



NSK Satelec

MODEL E4 ORDER CODE Z217428

• For root canal cleaning

E 6



NSK Satelec

MODEL E7 ORDER CODE Z217307

• Water not required • For removal of filling and foreign material

E 7



NSK Satelec

MODEL E4D ORDER CODE Z217528

• Diamond coated • For root canal enlargement

E 6



NSK Satelec

MODEL E7D ORDER CODE Z217317

• Diamond coated • For enlargement of root canal wa

E 10



NSK Satelec

MODEL E5 ORDER CODE Z217305

• Water not required • For lateral condensation

E 2



NSK Satelec

MODEL E8 ORDER CODE Z217308

• Water not required • For removal of filling and foreign material

E 10



NSK Satelec

MODEL E6 ORDER CODE Z217306

• Water not required • For lateral condensation

E 2



NSK Satelec

MODEL E8D ORDER CODE Z217318

• Diamond coated • For enlargement of root canal wa

E 6



NSK Satelec

MODEL E15D ORDER CODE Z217319

• Diamond coated • For creating root canal and removal of calcifications

• ET Replacement Wrench (not sold) required to use E5 / E6 / E7 / E7D / E8 / E8D

E 4



NSK Satelec

MODEL E11 ORDER CODE Z217031

• For Jaws (ø0.8 mm) • For root canal cleaning • For anterior teeth

E 3



NSK Satelec

MODEL E12 ORDER CODE Z217032

• For Jaws (ø0.8 mm) • For root canal cleaning • For posterior teeth

MODEL U files 33 mm / #15 ORDER CODE Y900062

• SO15 • Pack of 6

MODEL U files 33 mm / #20 ORDER CODE Y900063

• SO20 • Pack of 6

MODEL U files 33 mm / #25 ORDER CODE Y900064

• SO25 • Pack of 6

MODEL U files 33 mm / #30 ORDER CODE Y900065

• SO30 • Pack of 6

MODEL U files 33 mm / #35 ORDER CODE Y900066

• SO35 • Pack of 6

Each pack of E11, E12, V10 or V30 includes 1 x ET Replacement wrench
Replacement wrench is not included with ordering of inserts
Please order the replacement wrench separately in this instance

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Varios Ultrasonic Scaler Tips — Retrograde endo

Cross Section Diagram



Max. Power E 6

NSK Satelec® MODEL E30RD ORDER CODE Z217212

• Diamond coated • For posterior teeth (right angled)



E 6

NSK Satelec® MODEL E30LD ORDER CODE Z217213

• Diamond coated • For posterior teeth (left angled)

Cross Section Diagram



Max. Power E 6

NSK Satelec® MODEL E31D ORDER CODE Z217210

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



E 6

NSK Satelec® MODEL E32D ORDER CODE Z217211

• Diamond coated • For anterior teeth (90°)

Varios Ultrasonic Scaler Tips — Restorative (for minimal intervention)



G 2

NSK Satelec® MODEL G61D ORDER CODE Z217601

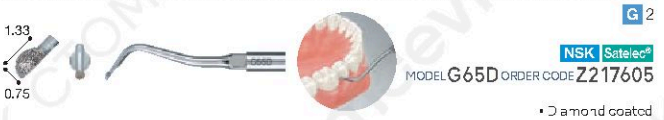
• Diamond coated



G 2

NSK Satelec® MODEL G62D ORDER CODE Z217602

• Diamond coated



G 2

NSK Satelec® MODEL G65D ORDER CODE Z217605

• Diamond coated



G 2

NSK Satelec® MODEL G66D ORDER CODE Z217606

• Diamond coated



G 2

NSK Satelec® MODEL G67D ORDER CODE Z217607

• Diamond coated



G 2

NSK Satelec® MODEL G68D ORDER CODE Z217608

• Diamond coated

Varios Ultrasonic Scaler Tips — Condensation



G 4

NSK Satelec® MODEL G21 ORDER CODE Z217010

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



MODEL Tip Cap ORDER CODE Y140751

• Autoclavable • For G21 / G22 (pack of 10)



G 4

NSK Satelec® MODEL G22 ORDER CODE Z217020

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

Varios Ultrasonic Scaler Tips — Loosening / Plugging



G 10

NSK Satelec® MODEL G26 ORDER CODE Z217206

• For post removal



G 10

NSK Satelec® MODEL G28 ORDER CODE Z217208

• Water not required • For amalgam condensation

Varios Ultrasonic Scaler Tips — Extraction



G 10

NSK MODEL G95 ORDER CODE Z217705

• Ti-Nitride coating • 0.7 mm thick • Double edge, which is sharp at the end portions

YouTube

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.



Image

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.

Photo credit:
Courtesy of Nishikawa-guchi dental clinic



Image



Washable in the thermodisinfector

Autoclavable up to 135°C

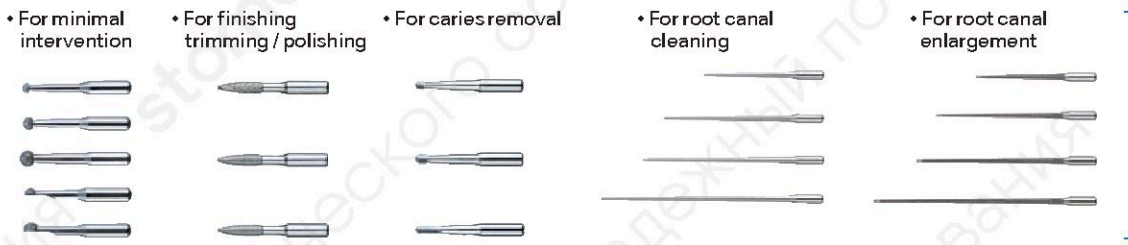
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Varios V-Tip System Line-Up



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.







NSK Satelec®
MODEL V30 ORDER CODE Z217030
• Includes ET replacement wrench • For Varios series

Varios Ultrasonic Scaler Tips — Restorative (for minimal intervention)



Max. Power G 6
MODEL V-G70 ORDER CODE Y900118
• Diamond coated • Pack of 3



G 6
MODEL V-G71 ORDER CODE Y900119
• Diamond coated • Pack of 3



G 6
MODEL V-G72 ORDER CODE Y900120
• Diamond coated • Pack of 3



Max. Power G 6
MODEL V-G75 ORDER CODE Y900121
• Diamond coated • Pack of 3



G 6
MODEL V-G76 ORDER CODE Y900122
• Diamond coated • Pack of 3

Varios Ultrasonic Scaler Tips — Restorative (for finishing / trimming / polishing)



G 6
MODEL V-G77 ORDER CODE Y900165
• Diamond coated • Normal Grade • Pack of 3



G 6
MODEL V-G78 ORDER CODE Y900166
• Diamond coated • Fine Grade • Pack of 3



G 6
MODEL V-G79 ORDER CODE Y900167
• Diamond coated • Super Fine Grade • Pack of 3

Varios Ultrasonic Scaler Tips — Restorative (for caries removal)



G 6
MODEL V-S1 ORDER CODE Y900161
• Stainless Tip • Pack of 3



G 4
MODEL V-S3 ORDER CODE Y900162
• Stainless Tip • Pack of 3



G 6
MODEL V-S33 ORDER CODE Y900163
• Stainless Tip • Pack of 3

YouTube

Washable in the thermodisinfector · Autoclavable up to 135°C

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Varios V-Tip System Line-Up



NSK Satelec®
MODEL V30 ORDER CODE Z217030
• Includes ET force adjustment wrench • For Varios series

Each pack of E11, E12, V10 or V30 includes 1 x ET force adjustment wrench
Replacement wrench is not included when ordering other items
Please order the replacement wrench separately with this instance

Varios Ultrasonic Scaler Tips — Endodontics

Max. Power E 5
MODEL V-S50 ORDER CODE Y900169
• For root canal scaling 17 mm • Pack of 3

E 3
MODEL V-S51 ORDER CODE Y900170
• For root canal scaling 23 mm • Pack of 3

E 5
MODEL V-S52 ORDER CODE Y900171
• For root canal scaling 26 mm • Pack of 3

E 5
MODEL V-S53 ORDER CODE Y900172
• For root canal scaling 32 mm • Pack of 3

Max. Power E 5
MODEL V-S50D ORDER CODE Y900173
• Diamond coated • For root canal enlargement 17 mm • Pack of 3

E 3
MODEL V-S51D ORDER CODE Y900174
• Diamond coated • For root canal enlargement 23 mm • Pack of 3

E 5
MODEL V-S52D ORDER CODE Y900175
• Diamond coated • For root canal enlargement 26 mm • Pack of 3

E 5
MODEL V-S53D ORDER CODE Y900176
• Diamond coated • For root canal enlargement 32 mm • Pack of 3

Perio-Control



NSK
MODEL V10 ORDER CODE Z217041
• Base ET is not included • Includes ET force adjustment wrench • For Varios series

Varios Ultrasonic Scaler Tips — Maintenance

Cross Section Diagram



Max. Power P 6
MODEL V-P10 ORDER CODE Y900184
• Pack of 3 • V10 holder is not included



P 6
(From above)
MODEL V-P11R ORDER CODE Y1002165
• Right curved type • Pack of 3 • V10 holder is not included



P 6
(From above)
MODEL V-P11L ORDER CODE Y1002166
• Left curved type • Pack of 3 • V10 holder is not included

Cross Section Diagram



Max. Power P 6
MODEL V-P12 ORDER CODE Y1002167
• Pack of 3 • V10 holder is not included



P 6
MODEL V-P26R ORDER CODE Y1002168
• Right curved type • Pack of 3 • V10 holder is not included



P 6
MODEL V-P26L ORDER CODE Y1002169
• Left curved type • Pack of 3 • V10 holder is not included



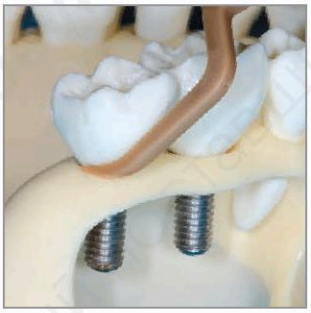
V-P10



V-P12



V-P11R



V-P26R

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

Washable in the thermodisinfector
Autoclavable up to 135°C

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Application PERIO



For prostheses or imprant maintenance

Perio-Control Tips NSK Satelec®
MODEL Starter Kit ORDER CODE Y1002606

Contents
- V10 V-tip holder : 1 pc.
- V-P11R, V-P11L, V-P12, V-P26R, V-P26L : 1 pc. each



MODEL Perio Kit A ORDER CODE Y900144 NSK Satelec®

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



Furcation and curved root face

MODEL Perio Kit B ORDER CODE Y900145 NSK Satelec®

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

Application ENDODONTICS



For anterior root canal irrigation

MODEL Endo Kit E11 ORDER CODE Y900146 NSK Satelec®

Contents
- E11 : 1 pc. 120° angled for anterior teeth
- ET tip replacement wrench : 1 pc.
- U files 33 mm #15, #20, #25, #30, #35 Pack of 6 each size



For posterior root canal irrigation

MODEL Endo Kit E12 ORDER CODE Y900147 NSK Satelec®

Contents
- E12 : 1 pc. 95° angled for posterior teeth
- ET tip replacement wrench : 1 pc.
- U files 33 mm #15, #20, #25, #30, #35 Pack of 6 each size



4 kinds of retrograde root filling tips

MODEL Retro Kit ORDER CODE Y900149 NSK Satelec®

Contents
- E30RD, E30UD, E31D, E32D : 1 pc. each
- Tip holder : 1 pc.

Application MINIMAL INTERVENTION



Starter kit for minimal intervention - with V-Tip holder

MODEL MI Starter Kit ORDER CODE Y900150 NSK Satelec®

Contents
- V30 V-tip holder : 1 pc.
- ET 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

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Ti-Max S970 series Air Scalers

• 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





LED NSK Coupling

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

Connect Direct to Other Brand 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 : 5,600-6,850 Hz
• Includes 3 tips (S1, S2 & S3), Tip Wrench (CR-20) and Tip Cover (L)



Non-Optic MODEL AS2000 M4 ORDER CODE T698
• For M4

Non-Optic MODEL AS2000 B2/B3 ORDER CODE T697
• For B2 / 3

S970 series can be Washable in the thermodisinfector
135°C Autoclavable up to 135°C

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Air Scaler Tips

Air Scaler Tips for S970 / AS2000 — Scaling



MODEL S1 ORDER CODE Z252411
• Universa Type



MODEL S2 ORDER CODE Z252413
• Scaler Type



MODEL S3 ORDER CODE Z252412
• Perio Type

Air Scaler Tips for S970 — Perio



MODEL S10 ORDER CODE Z252420
• Universa Type Slim line



MODEL S21R ORDER CODE Z252442
• Root planing (Right curved tip)



MODEL S20 ORDER CODE Z252441
• Root planing (Straight tip)



MODEL S21L ORDER CODE Z252443
• Root planing (Left curved tip)

Air Scaler Tips for S970 — Restorative (for minimal intervention)



MODEL S65D ORDER CODE Z252465
• Diamond coated



MODEL S67D ORDER CODE Z252467
• Diamond coated



MODEL S66D ORDER CODE Z252466
• Diamond coated



MODEL S68D ORDER CODE Z252468
• Diamond coated

Air Scaler Tips for S970 — Restorative (for preparation of crown cores)



MODEL S81D ORDER CODE Z252469
• Diamond coated



MODEL S86D ORDER CODE Z252460
• Diamond coated



MODEL S82D ORDER CODE Z252462
• Diamond coated



MODEL S71D ORDER CODE Z252471
• Diamond coated



MODEL S83D ORDER CODE Z252461
• Diamond coated



MODEL S72D ORDER CODE Z252472
• Diamond coated

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Air Scaler V-Tip System Line-Up



MODEL S35 ORDER CODE Z252015

• Plastic Tip is not included • Includes ET tip replacement wrench

Air Scaler Tips for S970 Perio-Control — Maintenance



MODEL V-P10 ORDER CODE Y900184

• 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



MODEL S75 ORDER CODE Z252035

• Includes ET tip replacement wrench



MODEL V-P12 ORDER CODE Y1002167

• Pack of 3 • S35 holder is not included



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 ET tip replacement wrench

Each pack of S35 or S75 includes 1 x ET tip replacement wrench
Replacement wrench is not included with order regarding this tips
Please order tip replacement wrench separately with this instance

Air Scaler Tips for S970 / AS2000 — Restorative (for minimal intervention)



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

• V-G70, V-G71, V-G72, V-G75, V-G76 1 pc each

Air Scaler Tips for S970 / AS2000 — Restorative (for finishing / trimming / polishing)



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

• V-G77, V-G78, V-G79 1 pc each

Air Scaler Tips for S970 / AS2000 — Restorative (for caries removal)



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

• V-S1, V-S3, V-S33 1 pc each

Air Scaler Tips for S970 / AS2000 — Endodontics

MODEL V-U15 ORDER CODE Y900177

• V-file corrugation 23 mm #15 • SO15 • Pack of 6

MODEL V-U20 ORDER CODE Y900178

• V-file corrugation 23 mm #20 • SO20 • Pack of 6

MODEL V-U25 ORDER CODE Y900179

• V-file corrugation 23 mm #25 • SO25 • Pack of 6

MODEL V-U30 ORDER CODE Y900180

• V-file corrugation 23 mm #30 • SO30 • Pack of 6

MODEL V-U35 ORDER CODE Y900181

• V-file corrugation 23 mm #35 • SO35 • Pack of 6

Washable in the thermodisinfector | Autoclavable up to 135°C

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Powder Therapy

For long lasting, beautiful and healthy teeth





		Prophy-Mate neo	Varios Combi Pro		Perio-Mate
			Prophy	Perio	
Solution					
Powder		FLASH pearl		Perio-Mate Powder	
Therapy areas		Supragingival		Supragingival (Gingival margin)	Subgingival
Removal of	Heavy pigmentation and Stain	✓			
	Light pigmentation and Stain	✓			✓
	Biofilm (Plaque)	✓			✓
Use on	Enamel (Inter-proximal areas, fissures and crevices)	✓			✓
	Dentine				✓
	Root surfaces				✓
	Restorations material				✓
	Implant surfaces				✓
Indications	Orthodontic appliances	(✓) *depends on material of the bracket			✓

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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.

CAPP
Free sign-up



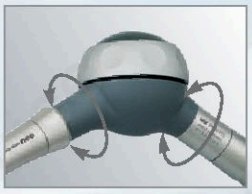
Ergo-comfort design

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. 60° nozzle works especially well for molar area and occluding surface and 80° nozzle for anterior tooth.



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FLASH pearl CLEANING POWDER

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.



Effective Cleaning System!

MODEL **FLASH pearl**
ORDER CODE **Y900693**

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

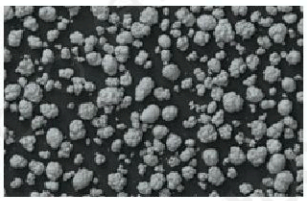


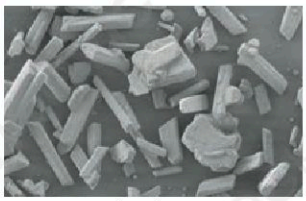
MODEL **FLASH pearl (Bottle)**
ORDER CODE **Y900698**

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



Spherical granules remove residues from every corner

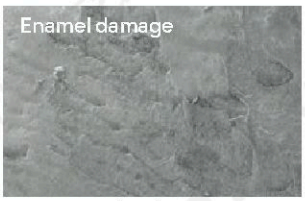

FLASH pearl


Conventional Sodium bicarbonate powder

FLASH pearl roll smoothly over tooth surfaces



FLASH pearl avoids surface damage



Conventional Sodium bicarbonate is aggressive

Prophy-Mate neo Complete System

MODEL	ORDER CODE	
PMNG-PTL-P	Y135029	for NSK Coupling
PMNG-KV-P	Y135030	for KaVo® LED Coupling
PMNG-SR-P	Y135031	for Sirona® LED Coupling
PMNG-WH-P	Y135032	for W&H® Roto Quick

MODEL	ORDER CODE	
PMNG-BA-P	Y135033	for Bien-Air® Unifix®
PMNG-M4-P	Y135034	for connect direct to the handpiece tubing MIDWEST
PMNG-B2-P	Y135035	for connect direct to the handpiece tubing BORDEN

*Couplings are not included

Contents
- Handpiece with 60° nozzle head
- 5 pcs. x 15 g sachets of FLASH pearl cleaning powder • Maintenance kit

YouTube

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

Washable in the thermodisinfector | Autoclavable up to 135°C

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Perio-Mate

Biof ilm Eraser

CAPP
Free sign-up

Powder therapy, supragingival and subgingival





YouTube

Perio-mate offers a gentle solution in the cleaning of biofilm and light stains. Unlike the harshness of a scaler, especially in those hard to reach areas, the Perio-mate has also been effective in preventing peri-implantitis and mucositis.

Efficient professional care that's kind to teeth.
It is easy to install powder therapy alongside existing facilities.

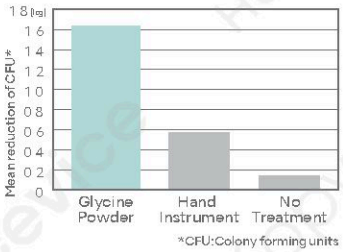
- The "handy type" can be connected to the chair unit during use in one action.
- The nozzle tip is designed for safety and operability.
- The powder flow channel is short and direct with low risk of blockage.
- Fast and effective biofilm removal.

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Reduction of bacteria

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



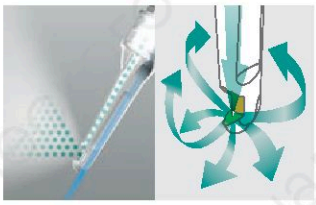
Petersilka GJ, Tunkel J, Barakos S, Heinecke A, Haberlein I, Flemmig TF. Subgingival plaque removal in periodontal pockets using a low-abrasive air-polishing powder. J Periodontol. 2003 Mar;74(3):307-11.

Product maintenance

The user can easily disassemble the nozzle, handpiece and powder case. Powder clogging is unlikely when handled and maintained correctly but is easy to manage by following the maintenance guidelines and the relevant accessories included with the product. All the parts of the handpiece (other than the nozzle tip) can be repeatedly cleaned ultrasonically or sterilized in an autoclave.



Optimized using powder flow analysis



Turbine development technology uses accumulated fluid analysis which allows 'spraying' that takes into account the powder flow in the pocket. It is not mono-directional, rather the flow is even and all-directional, minimising soft-tissue damage and subgingival plaque and biofilm can be removed efficiently. With respect to potential damage, powder (air) and water are separately discharged onto periodontal tissue.

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.



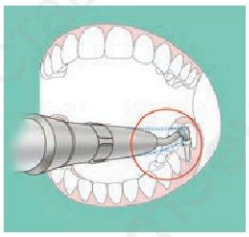
Powder flow volume adjustment

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.



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.



Powder particle comparisons

The fine Perio-Mate Powder is ideal for periodontal pocket treatment.



Conventional sodium bicarbonate powder

Average particle diameter : 73 µm
Scanning electron microscope image magnification of 150×



Perio-Mate Powder (glycine)

Average particle diameter : 25 µm
Scanning electron microscope image magnification of 150×

Perio-Mate Powder

- Subgingival airpolishing powder.
- Principal ingredient is glycine, an amino acid present in proteins.
- Highly water soluble to prevent subgingival retention.
- Lower Mohs hardness than dentin.
  *Glycine ranks 2 on the Mohs hardness scale, while dentin is 2 to 2.5.
- Average powder particle diameter is 25 µm.



MODEL **Perio-Mate Powder** ORDER CODE **Y900938**
• Contents : Two bottles (160 g each)

Perio-Mate Nozzle Tip

- Disposable
- Sterile
- Individually packaged





MODEL **Perio-Mate Nozzle Tip**
ORDER CODE **Y1002741**
• Contents : 40 nozzles

Coupling Lineup

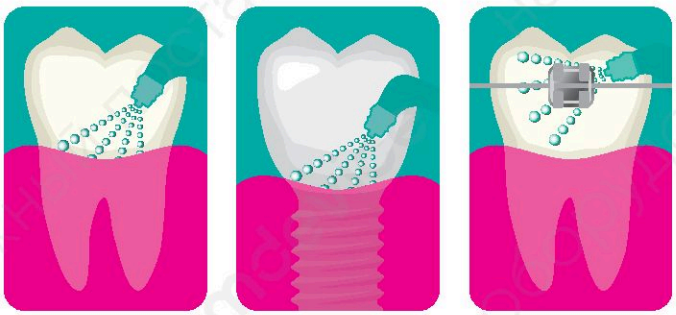
*Couplings are not included

MODEL	ORDER CODE	
PER-PTL-P	Y1002654	for NSK Coupling
PER-KV-P	Y1002655	for KaVo® Coupling
PER-SR-P	Y1002656	for Sirona® Coupling
PER-WH-P	Y1002657	for W&H® Roto Quick
PER-M4-P	Y1002659	for connect direct to the handpiece tubing MIDWEST
PER-B2-P	Y1002660	for connect direct to the handpiece tubing BORDEN

Contents
• Handpiece • Powder case • Nozzle tip (40 pcs) • Maintenance kit
• Perio-Mate Powder 160 g ×1

The handpiece can be washed in the thermodisinfector
Autoclavable up to 135°C

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Supragingival

Removal of plaque biofilm from the gingival margin

(up to approximately 3 mm inside the pocket)

*Detach nozzle tip

Removal of plaque biofilm at interdental and gingival margin



Before



In use

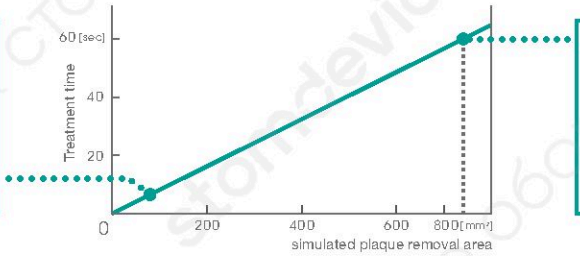
- Easier to remove biofilm plaque and minor stain around supragingival and gingival margin.
- Enable to remove plaque and biofilm from crowded dentition, interdental and pit and fissure, where hardly accessed with lubber cups.
- Removal of minor stain attached extensively.
- Cleaning around dental implants and prosthetic restorations.
- Less of burden to teeth and gums due to non-contact method.
- Less of burden to prosthetic restorations.

YouTube

Fast and effective removal capability

Biofilm on teeth surface can be removed in app. 50.5 seconds per 1/4 dentition.

☆ 1 tooth, 1 surface: 6.5 seconds



☆ Per 1/4 dentitions: Approximately 50.5 seconds

☆ The area treated is approximately 80 mm² per tooth.



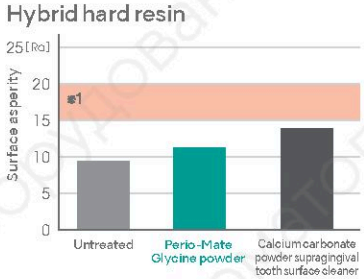
<in-house research>

Observation of the treated area at 200-fold with a confocal laser microscope*

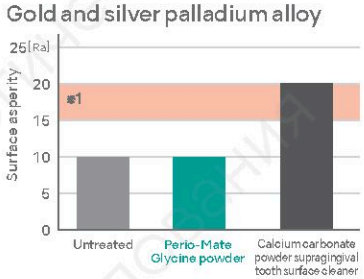
Surface of prosthetic restorations can be treated without damages.

*CLSM Lasertec

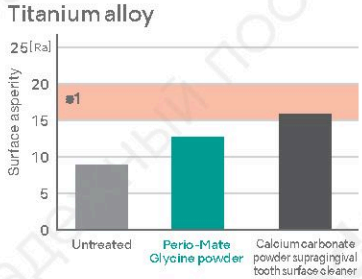
Hybrid hard resin



Gold and silver palladium alloy



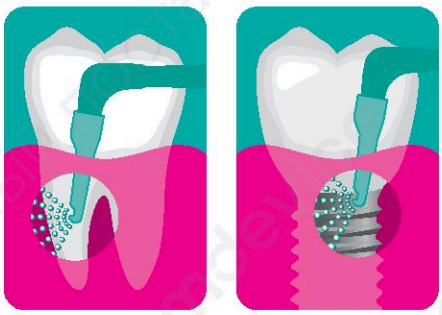
Titanium alloy



Source: Oral Health Engineering, School of Oral Health Care Sciences, Tokyo Medical and Dental University

※1 Average surface asperity of regular diamond point

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Subgingival

Removal of biofilm in periodontal pocket
from 3-6 mm below the gingival margin

Removal of biofilm in dental pocket



Before



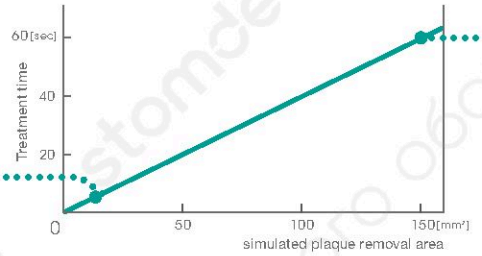
In use

- Biofilm in the periodontal pocket can be removed in approximately 60 seconds per quadrant.
- Deposits can be removed without direct contact with almost none of the extensive biofilm and plaque adhesion remaining and the results are effective. It is possible to clean areas the tip cannot reach with the powder injection effect.
- Optimized the flow of powder based on fluid analysis.
- Compared to other maintenance equipment, less biofilm and plaque remains with wide powder dispersal, even in areas that cannot be seen.
- Smooth powder injection ensures gentle treatment in the periodontal pocket.
- Flexible plastic nozzle tip design ensures accessibility and is gentle to the pocket.

Fast and effective removal capability

Biofilm in the periodontal pocket can be removed in approximately 60 seconds per quadrant.

☆ 1 tooth, 1 surface:
4.8
seconds



☆ Surface area of 1 quadrant: Approximately
60
seconds
(equivalent to 4 to 5 molars)

☆The area treated is approximately 35 mm² per tooth.



< in-house research >

1. Used for SPT (supportive periodontal therapy) for pockets around 6mm that result from periodontal disease.*
2. Spraying each tooth for 20 seconds (5 seconds per surface) is best to eradicate subgingival biofilm inside delicate periodontal pockets.*
3. Reciprocal motion of the nozzle tip and fine circular movements are vital to remove biofilm effectively.

* Flemmig TF, Hetzel M, Topoll H, Gerss J, Haeberlein I, Petersilka G.,Subgingival debridement efficacy of glycine powder air polishing.,J Periodontol. 2007 Jun;78(6):1002-10.,Petersilka GJ, Steinmann D, Häberlein I, Heinecke A, Flemmig TF.,Subgingival plaque removal in buccal and lingual sites using a novel low abrasive air-polishing powder.,J Clin Periodontol. 2003 Apr;30 (4):328-33.

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ENDO-MATE TC2

CORDLESS ENDODONTIC HANDPIECE
WITH TORQUE CONTROL AND AUTO REVERSE

Smarter and safer



Advantages

- Slim Head and neck assures higher visibility
- Large LCD panel and access-friendly key
- Lightweight, ergonomic design
- Smart Auto Reverse & Alarm Function
- 5 programs for different file systems
- Last program settings can be memorized
- 90 min. quick charge with non-contact type charger



ENDO-MATE TC2 Complete Sets

ENDO-MATE TC2 Complete Set

MODEL ENDO-MATE TC2 (230V)

ORDER CODE Y1001027

Contents
- MP-F16R Head • ENDO-MATE TC2 Motor
- Battery charger

ENDO-MATE TC2 Complete MPAS Set

MODEL ENDO-MATE TC2 MPAS (230V)

ORDER CODE Y1001047

Contents
- MPAS-F16R Head
- ENDO-MATE TC2 Motor • Battery charger

ENDO-MATE TC2 without Head Set

MODEL ENDO-MATE TC2 without Head Set (230V)

ORDER CODE Y1001316

Contents
- ENDO-MATE TC2 Motor
- Battery charger

Specifications

- Power Supply : AC 230 V 50/60 Hz and Battery pack • Number of Programs : 5
- Max. Torque : 4 Ncm (when using 20:1 head) • Charge/Continuous use: 90 min / 1.2 h (depending on workload)
- Speed range : 100-2,250 min^{-1} (With 20:1, 16:1, 10:1, 4:1 geared heads)

YouTube #1 YouTube #2

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ENDO-MATE DT

ENDO MICROMOTOR
WITH TORQUE CONTROL AND AUTO REVERSE

Ultra-slim & compact handpiece

ENDO-MATE DT is smart enough to memorise exact speed and torque settings for up to 9 Ni-Ti files from all major suppliers. Its auto-reverse features 3 working modes – auto-reverse on, auto-stop, auto-reverse off. The motor reacts when load reaches the preset level of torque. With on-off switch, it offers flexibility of pedal-free operation (optional foot control unit available), while providing convenience of full portability with two-way power supply, either AC or battery driven.



For All Popular Brands of Ni-Ti Files

Up to 9 program settings (speed and torque etc) can be stored in the memory at the touch of a button. To switch between stored programs, simply press the program button.

Rotation Speed (min⁻¹)	Gear Ratio	Torque Level (Ncm)
2,000 -13,000	1:1	
500-3,200	4:1	0.1-0.3
100-650	20:1	0.8-6.5

(ENDO-MATE DT & ENDO-MATE AT)



ENDO-MATE DT Complete Sets

ENDO-MATE DT with 20:1 Head

MODEL ENDO-MATE DT (230V)

ORDER CODE Y141121

Contents
- Control unit • Motor and cord
- AC adaptor • Handpiece stand
- MP-F20R head (20:1)

ENDO-MATE DT Complete MPAS Set

MODEL ENDO-MATE DT MPAS Set (230V)

ORDER CODE Y1001161

Contents
- Control unit • Motor and cord
- AC adaptor • Handpiece stand
- MPAS-F20R head (20:1)

ENDO-MATE DT without Head

MODEL ENDO-MATE DT W/O (230V)

ORDER CODE Y141124

Contents
- Control unit • Motor and cord
- AC adaptor • Handpiece stand

Specifications

- Power Supply : AC 230 V 50/60 Hz and Battery pack • Number of Programs : 9 • Max. Torque : 7 Ncm (when using 20:1 head)
- Charge/Continuous use : 5 h / 2 h (depending on workload) • Speed range : 100-13,000 min⁻¹ (with 20:1, 4:1, 1:1 geared heads)
- Dimensions : W 92 x D 148 x H 124 mm • Weight : Unit 456 g / Motor handpiece & cord 92 g

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ENDO-MATE AT

ENDO MICROMOTOR
WITH TORQUE CONTROL AND AUTO REVERSE

Economical yet evolved version of the Legendary DT

The legendary world's best seller ENDO-MATE DT has been evolved into new economical version with ATtractive pricing.

Features

- Same endo function as ENDO-MATE DT
- Featuring new FX Head
- Compatible with DT Heads as optional
- Operative with AC Adaptor only
- No rechargeable battery, No recharging function



Compact stylish control pad

Endodontic procedures are expedited and accuracy is assured due to features such as the non reflective LCD screen – designed for full visibility and delivering immediate confirmation of control settings. The clear icon system is designed to confirm operator confidence when changing settings prior to a procedure.



MODEL **iFX75** ORDER CODE **C1098**

- Miniature Head • Stainless Steel Body • 360° Rotation
- For Ni-Ti files (ø2.35) • Push Button Chuck • 16:1 Reduction



ENDO-MATE AT Complete Sets

ENDO-MATE AT with 16:1 Head

MODEL ENDO-MATE AT (230V)
ORDER CODE Y1002190

Contents
- Control unit, Motor Handpiece • iFX75 head (16:1)
- Handpiece stand • AC Adaptor

ENDO-MATE AT without Head

MODEL ENDO-MATE AT W/O (230V)
ORDER CODE Y1002784

Contents
- Control unit, Motor Handpiece • Handpiece stand
- AC Adaptor

Specifications

- Power Supply : AC 230 V 50/60 Hz • Number of Programs : 9 • Max. Torque : 7 Ncm (when using 20:1 head)
- Speed range : 100-13,000 min⁻¹ (with 20:1, 4:1, 1:1 geared heads) • Dimensions : W 268 x D 230 x H 103 mm
- Weight : 342 g (including Motor handpiece)

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ENDO-MATE TC2, ENDO MATE DT and ENDO-MATE AT Heads

• For Ni-Ti files (ø2.35) • Push Button Chuck



○ MODEL MP-F20R ORDER CODE Y110044
● MODEL MP-F16R ORDER CODE Y110096
● MODEL MP-F10R ORDER CODE Y110048

• 20:1 / 16:1 / 10:1 Reduction



● MODEL MPA-F16R ORDER CODE Y110097

• Connection for Apex locator (for long shank)
• 16:1 Reduction



○ MODEL MPAS-F20R ORDER CODE Y110046
● MODEL MPAS-F16R ORDER CODE Y110098

• Connection for Apex locator (for short shank)
• 20:1 / 16:1 Reduction

The icons shown beside each of the models indicates the reduction gear ratio of the head.

○ White = 20:1 Reduction
● Gray = 16:1 Reduction
● Navy = 10:1 Reduction



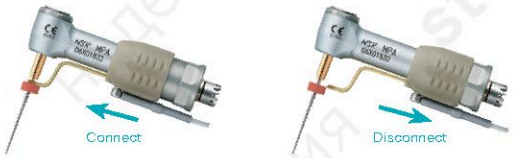
Apex locator capability

MPA and MPAS heads are equipped with built in probe ring which enable to use your Apex locator with the ENDO-MATE TC2, DT & AT systems. By combining an Apex Locator with NSK ENDO-MATE TC2, DT & AT, clinicians will be able to perform more accurate root canal preparations. All contra-angle heads are autoclavable up to 135°C.

2 types of file holders are available relevant to the shank length of the file selected.



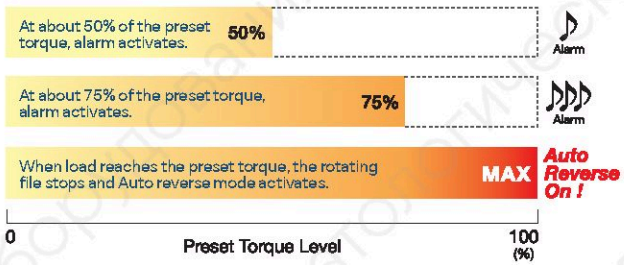
Attach the Apex Locator Monitor by moving it forward to contact the file.
Release by moving away from the file.



■ The NSK ENDO-MATE products and iPexII ensure safe, precise and efficient root canal procedures.



Two kinds of alarm sound for safer and efficient treatment (ENDO-MATE TC2)



Suitable for use with most major brands of Ni-Ti files

Rotation Speed (min⁻¹)	Gear Ratio	Torque Level (Ncm)
200-900	10:1	0.2-2.2
140-550	16:1	0.3-3.0
100-450	20:1	0.4-4.0

The heads can be washed in the thermodisinfector
The heads are autoclavable up to 135°C

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iPexII

ADVANCED APEX LOCATOR

Auto-detects the apex accurately in any condition, dry or wet

Based on the results of numerous clinical trials and verification tests, NSK created **SmartLogic**, a next-generation Apex Locator compatible with diverse tooth forms, and that provides superior accuracy in detecting the root apex. At the biologically crucial root apex - the Zone of Precision - the iPexII is able to provide a clear and accurate image of the file tip's location on its LCD panel.

Features

- High-precision root canal measurement generated by using SmartLogic
- Auto-detects the apex accurately in any conditions, dry or wet
- A stylish and compact body consuming very small space
- Three different alert sounds depending on the location of the file tip, ensuring precise procedures
- A three-colour LCD panel with very low reflectivity, allowing clinicians to accurately and instantly monitor procedure progress
- Energy saving and low operation cost



Compact and stylish body

Lightweight and with a base just 6 cm in diameter, the iPexII can be set up quickly and used in virtually any environment. The LCD panel is pitched at the ideal angle that allows clinicians to easily monitor conditions without distraction, ensuring safe and smooth root canal procedures.



The display panel is easily viewable from an operating stance and also minimizes reflectivity, while maintaining the clinicians focus on the procedure.

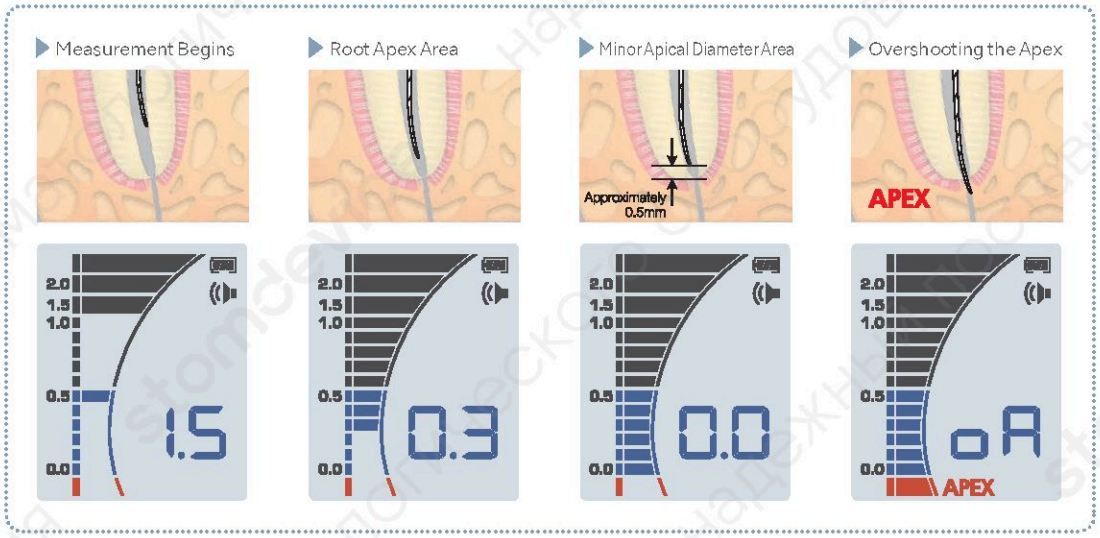
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Next-generation **SmartLogic** controller

NSK's SmartLogic controller combines two advanced technologies to accurately analyse signals. iPexII SmartLogic technology removes virtually all signal interference from the root canal itself to precisely detect the location of the apex.

- iPexII SmartLogic alternates between two separate frequencies to take measurements. By reducing the noise that interferes with signal analysis, it generates a high-precision wave system that does not require a filtering circuit.
- iPexII SmartLogic uses the whole wave system to analyse the extracted frequency. This produces steady measurement analysis even under varying conditions in the root canal while retaining a constant link to file insertion progress.

The three-colour LCD visual monitor screen



Monitoring the canal depth

For integration into Endodontic instruments (ENDO-MATE TC2 / ENDO-MATE DT / ENDO-MATE AT / Contra-angle) The NSK endodontics products and iPexII ensure safe, precise and efficient root canal procedures.





iPexII Complete Set

MODEL **iPexII Complete Set** ORDER CODE Y1002208

Contents

• Control unit • iPexII Probe (1.8 m) • iPexII File Clip (3 pcs.) • Lip Hook (3 pcs.)
• AAA manganese dry batteries (3 pcs.) • iPexII Tester

Specifications

• Power Supply	: For 1.5 V AAA (LR03 or R03) batteries
• Continuous use	: Approx. 60 hours
• Dimensions	: W 60 x D 60 x H 86 mm
• Weight	: 76 g (unit without batteries)

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VIVA ace

Mobile Dentistry System



WHEREVER POSSIBLE.

For more comfortable & more advanced home visits for dental treatment

YouTube #1 YouTube #2 YouTube #3 YouTube #4

Quick set up and storage

Set up and storage is straight forward, simple and quick, making work more efficient and easier.
The instrument holders and arm can be set at 4 different levels. Remove the handpieces for easy storage.



Simple Storage



Easy Maintenance



Advanced functionality in a compact body



Foot controls



Lightweight at 8.6 kg,*
it can be taken anywhere.



*Weight without handpieces

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Highly functional portable dental system just like a treatment centre

Excellent efficiency and safety are achieved via both the intuitive and highly visible large LCD control panel and the superb functionality provided by each individual instrument. A high functionality system just like a treatment centre.

High functionality micromotor

Full endodontic functionality

NLX plus



Ideally suited for all requirements of state of the art dentistry

	Rotation speed (min⁻¹)	Torque (Ncm)
General mode	1,000 - 40,000	4.0
Endodontic mode	100 - 5,000	0.3~3.0

Multipurpose ultrasonic scaler

Comprehensive tip range

Varios2 Lux



NSK iPiezo ultrasonic engine

Provides the appropriate power at the tip end adapting to tooth conditions for firm or soft tartar. Safe scaling is possible even when removing hard tartar.

Foot controls

For treatments performed by just one practitioner

The micromotor, ultrasonic scaler and suction can be switched ON/OFF using one foot control in Sync mode.



Micromotor, Scaler & Suction

For treatment performed by 2 operators, 1 dentist/hygienist and 1 dental nurse

Switch micromotor, ultrasonic scaler and suction ON/OFF using two foot controls. The two in combination lets the dentist concentrate on operating the micromotor and scaler.



Micromotor & Scaler　　Suction

Adjustable working positions





4-level adjustable height and angle

MODEL VIVA ace 230 Complete Set
ORDER CODE Y1003773

Contents
• VIVA ace 230 Basic Set
• VIVA ace Motor Kit • VIVA ace Scaler Kit

Specifications (Control Unit)

- Dimensions : W 462 × D 298 × H 284 mm
- Unit weight : 8.6 kg
- Power supply : AC 100-240 V 50/60 Hz
- Power source input : 130 VA



MODEL VIVA ace 230 Basic Set
ORDER CODE Y1003774

Contents
• Control Unit • AC Cord • Foot Control (FC-76S)
• Foot Control (FC-70S) • Top Case • V-ace Vacuum Hose Set
• V-ace Vacuum Bottle Set • V-ace Vacuum Nozzle* (10)
• V-ace Water Bottle Set • V-ace 3 way Syringe Set
• Shoulder Belt

*Design is subject to change.

MODEL VIVA ace Motor Kit
ORDER CODE E1040002

Contents
• Motor NLX plus
• Motor Cord
• Motor Cap
• Protection Plug



MODEL VIVA ace Scaler Kit
ORDER CODE E351006

Contents
• VA2-LUX Handpiece
• Scaler Cord
• Tip (G6, G8)
• Tip Wrench
• Tip Holder



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VIVAMATE G5

Portable Micromotor Unit

×

VIVAsupport 2

Irrigation and Saliva Ejection System



Wherever possible

VIVAMATE G5

Internal spray LED micromotor

The compact size micromotor has been specifically developed for mobile dentistry and weights only 148 g (w/cord) and features internal spray and LED light. In spite of its portability, it performs like an in-surgery system meeting a wide range of clinical requirements and is compatible with your existing contra-angles and straight handpieces* helping you to manage the cost of a mobile dentistry set-up.
* Conformable to ISO3964.



Foot Control (Optional)

Conveniently adjust the motor speed by depressing the pedal of the foot control without taking your eyes of the treatment.

MODEL FC-76M ORDER CODE Z1082002



VIVAsupport 2

Excellent portability and mobility

The light weight, compact and durable carrying case can accommodate VIVAsupport 2 connected not only to accessories, including the control unit and bottles for irrigation and suction, but also VIVAMATE G5 and Varios 370 NSK's light weight (only 3.5 kg*) VIVAsupport 2 solution makes mobile dentistry easy and convenient.
*VIVAsupport 2 Complete Set



Significant decrease in set-up time

Because clinicians' time is so valuable NSK has made sure that the set-up time of VIVAsupport 2 is minimal. VIVAsupport 2's design allows for treatment to commence almost as soon as the transport case is opened. Only a few simple steps are required to get the system ready for treatment.



Purpose built for optimum usability

The built in tray has specific holders for the micromotor, ultrasonic scaler and saliva ejector. At the same time the tray provides space for handpieces, burs, hand instruments and accessories during transport. VIVAsupport 2 provides an ergonomic, flexible and safe treatment environment for mobile dentistry.



Large-capacity bottles for irrigation and suction

The capacities of both irrigation and suction waste bottles are 350 mL, enough for prolonged treatment. Tubes and connections can be easily assembled and dis-assembled. The dedicated bottles, which can be easily maintained, meet the needs of mobile dentistry.

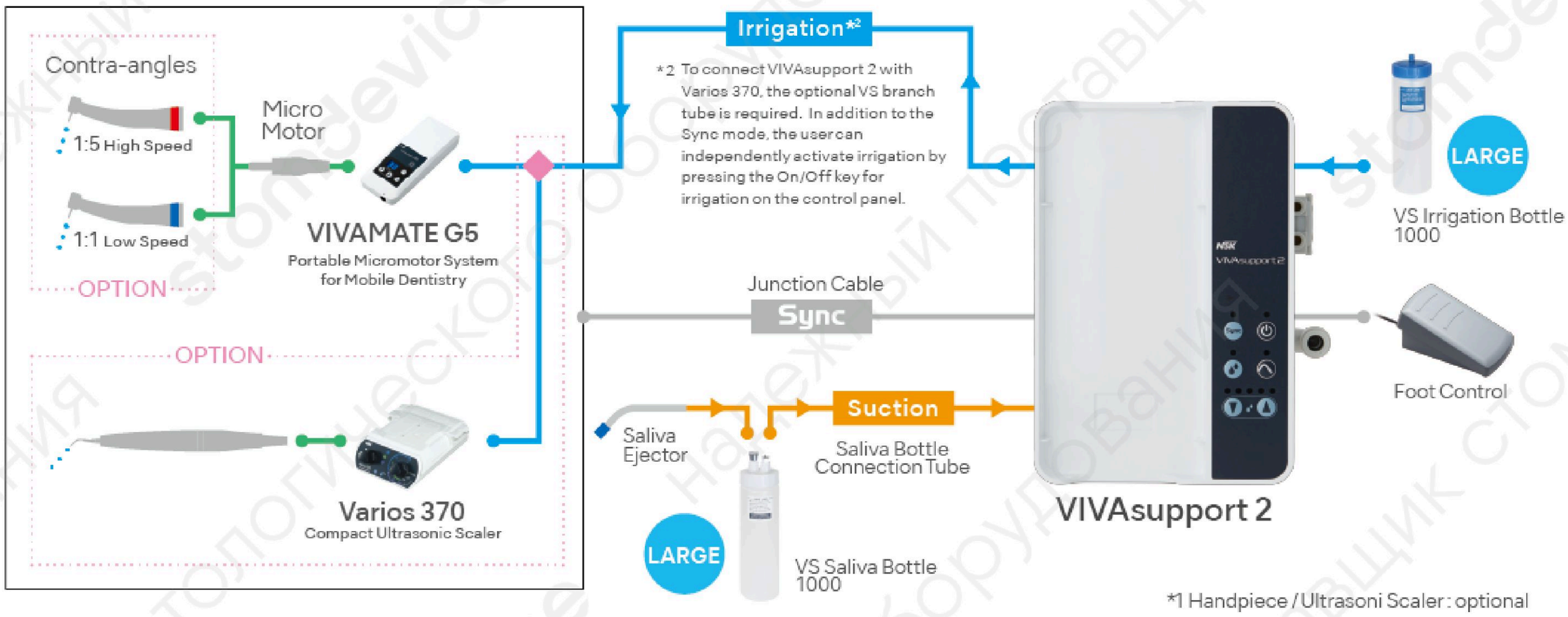


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SYNCHRO MODE Synchronization with the irrigation function (Sync mode)

When VIVAsupport 2 is combined with VIVAMATE G5, which is equipped with an internal spray LED micromotor, and Varios 370, compact ultrasonic scaler, the user can operate (turn on / off) the irrigation function in synchronization with the motor and scaler, using the foot control (optional). The user can easily adjust and select between five levels of irrigation depending on clinical requirements by using the Irrigation Adjustment Key.



*1 Handpiece / Ultrasoni Scaler : optional

VIVAMATE G5 Complete Set LED



MODEL **VIVAMATE G5 230V SET** ORDER CODE **Y1002801**

Contents • Control unit • Handpiece Stand • Motor (including Motor Cord) • AC Adaptor • AC Cord • Carrying case

Specifications

[Control Unit]
- Dimensions : W 72 x D 180 x H 36 mm
- Weight : 370 g
- Buttery recharge time : appx. 2 hours.*
- Buttery contentious drive time : appx. 1 hour.*

[Micromotor]
- Dimensions : ø22 x L 68.6 mm
- Weight : 148 g (include Motor cord)
- Speed : 3,000-30,000 min^{-1}
- Torque : 3 Ncm (30,000 min^{-1} while rotating)

*Varies depending on usage situations.

VIVAsupport 2 Complete Set



MODEL **VIVAsupport 2** ORDER CODE **Y1002802**

Contents • VIVAsupport 2 Control unit • AC adaptor • AC Cord

Accessories • VS Irrigation Bottle Set 400 • VS Saliva Bottle Set 400 • Junction Cable • VS Irrigation Tube • VS Saliba Tube • Saliva Tube • VS Irrigation Pump • Disposable Saliva Ejector (Pack of 10) • Tube Clamp Set (Pack of 6) • VS Saliva Bottle connection Tube • Saliva Drain Tube • VS Carrying Case • VS Tray

Specifications
- Power Supply : AC 100-240 V 50/60 Hz
- Battery recharge time : appx. 2 hours.*
- Battery contentious drive time : appx. 2 hour.*
- Capacity of tank : 350 mL (for irrigation and saliva ejection)
- Suction of the pump : 300 mL/min
- Dimensions : W 147 x D 188 x H 98 mm (VIVAsupport 2 Control unit) W 460 x D 265 x H 233 mm (VS Carrying Case)
- Weight : 3.5 kg (VIVAsupport 2 Complete Set)

*Varies depending on usage situations.

VIVAMATE G5 + VIVAsupport 2 Long Bottle Set



MODEL **VIVAMATEG5+VIVAsupport2 230V** ORDER CODE **Y1002987**

Contents • VIVAMATE G5 Control unit • VIVAsupport 2 Control unit • Handpiece Stand • Motor (including Motor Cord) • AC Adaptor x 2 (for VIVAMATE G5 and VIVAsupport 2) • AC Cord x 2 • Foot Control (FC-76M) • Carrying case • VS Long irrigation / saliva Bottle (1,000 mL) • Junction Cable • VS Irrigation Tube • VS Saliba Tube • Saliva Tube • VS Irrigation Pump • Disposable Saliva Ejector (Pack of 10) • Tube Clamp Set (Pack of 6) • VS Saliva Bottle connection Tube • Saliva Drain Tube • VS Carrying Case • VS Tray

Specifications

VIVAMATE G5

[Control Unit]
- Power Supply : AC 100-240 V 50/60 Hz
- Dimensions : W 72 x D 180 x H 36 mm
- Weight : 370 g
- Battery recharge time : appx. 2 hours.*
- Battery contentious drive time : appx. 1 hour.*

[Micromotor]
- Dimensions : ø22 x L 68.6 mm
- Weight : 148 g (include Motor cord)
- Speed : 3,000-30,000 min^{-1}
- Torque : 3 Ncm (30,000 min^{-1} while rotating)

VIVAsupport 2
- Power Supply : AC 100-240 V 50/60 Hz
- Battery recharge time : appx. 2 hours.*
- Battery contentious drive time : appx. 2 hour.*
- Capacity of tank : 1,000 mL (for irrigation and saliva ejection)
- Suction of the pump : 300 mL/min
- Dimensions : W 147 x D 188 x H 98 mm (VIVAsupport 2 Control unit) W 460 x D 265 x H 233 mm (VS Carrying Case)
- Weight : 3.5 kg (VIVAsupport 2 Complete Set)

*Varies depending on usage situations.

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Surgic Pro

The professional choice

NSK offers advanced technology to greatly enhance clinical performance. Surgic Pro is compact, lightweight and powerful to reliably deliver everything that professionals demand.





YouTube #1 YouTube #2 YouTube #3 YouTube #4

Compact body and large LCD display

The compact control unit features a sophisticated design including a large, high visibility backlight LCD panel and intuitive control buttons to contribute a safer and user friendly working environment.

Memorises eight different implant systems

The Surgic Pro memorises eight different implant systems and a total of 64 programs. The programmable parameters are gear ratio, speed, rotation direction, torque limit, coolant solution volume and illumination intensity. This is extremely useful when using two or more implant brands. Once you complete programming, simply push a button to call procedures up.

LED optics for safer, more accurate treatment

NSK LEDs generate natural daylight-quality light to illuminate the treatment area, enabling more precise surgery and shortened operation times. The lights increase safety because they do not overheat and are long-lasting.



Advanced irrigation pump

The pump allows easy set-up of irrigation tubes and is extremely quiet during operation.



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Calibration

NSK's drive for accuracy ensures safe treatment through accurate torque correction



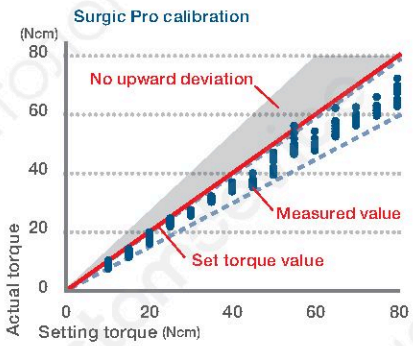
Maintaining accurate torque with AHC

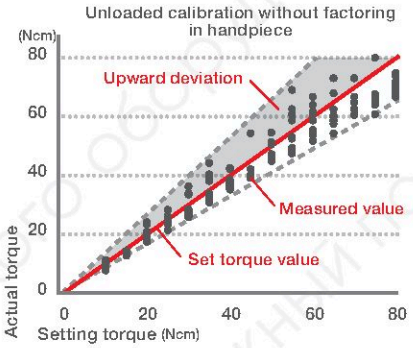
NSK's proprietary Advanced Handpiece Calibration (AHC) ensures the correct torque value required for specific treatments.
There is normally a small misalignment between pre-set and actual torque values owing to friction between bearings and contra-angle gear. AHC corrects this misalignment to guarantee accurate torque values.

High-precision calibration

Unloaded, loaded and speed level adjustments improve the precision of calibration, which can be according to handpiece usage.

NSK's safe calibration approach factors in handpiece usage conditions





An advanced surgical motor for demanding clinical environments

- Powerful torque (up to 80 Ncm)
- Wide speed range (200 to 40,000 min^{-1})
- High torque accuracy
- Lightest and smallest micromotor
- LED illumination (over 32,000 LUX)
- Excellent durability
- Autoclavable, thermo-disinfectable and maintenance free brushless design



SGL70M / 81.9 mm, 280 g*

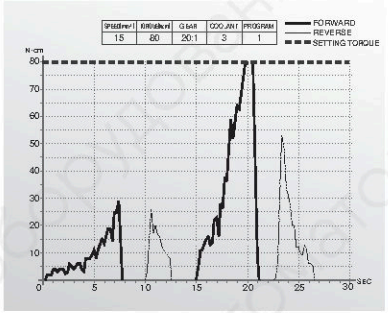
SGL50M / 98.1 mm, 322 g*

*Including motor cord

Data Storage Function (*Surgic Pro+)

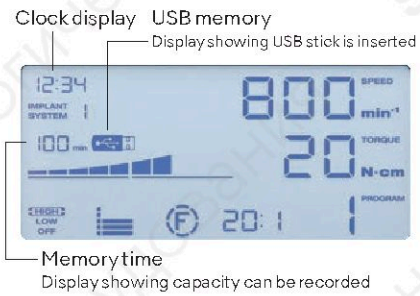
Easy treatment data handling

No specific software is required to display CSV or bitmap files.
*File formats : csv or bmp



Display permanently showing memory status

LCD shows remaining capacity of the built-in memory and the status of USB Stick when inserted.



Data management

Treatment data can be easily accessed and downloaded using a USB stick. Files can be transferred and added to patient records.
*USB memory stick not included.



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Surgic Pro+ Optic Complete Set with data storage facility



Optic Surgic Pro+ Complete Set with X-DSG20L Optic Handpiece

MODEL Surgic Pro+ OPT-D (230V) ORDER CODE Y1002096

Contents

- Control Unit with data storage facility
- SGL70M LED Micromotor
- FC-78 Foot Control
- X-DSG20L Optic Handpiece (20:1 Reduction)
- Irrigation tube (5 pcs.) and other accessories

Specifications

Control Unit with AHC
- Power Supply : AC 230 V 50/60 Hz
- Max. Pump Output : 75 mL / min
- Programs : 8 Programs / Implant Systems
- Dimensions : W 268 x D 220 x H 100 mm
- USB I/F : 1 port
- Built in Memory : 100 min

Micromotor
- Torque : 5-80 Ncm
- Motor Speed : 200-40,000 min^{-1}
- Light Power : over 32,000 LUX (LED Micromotor)

Foot Control
- Foot Control Functions : Program Button, Speed Control Pedal Coolant Flow Volume Button Forward / Reverse Button

Surgic Pro Optic / Non-Optic Complete Sets



Optic Surgic Pro Complete Set with X-SG20L Optic Handpiece

MODEL Surgic Pro OPT (230V) ORDER CODE Y1001933

Contents

- Control Unit without data storage facility
- SGL70M LED Micromotor
- FC-78 Foot Control
- X-SG20L Optic Handpiece (20:1 Reduction)
- Irrigation tube (5 pcs.) and other accessories

Non-Optic Surgic Pro Complete Set with SG20 Handpiece

MODEL Surgic Pro NON-OPT (230V) ORDER CODE Y1001934

Contents

- Control Unit without data storage facility
- SG70M Non-Optic Micromotor
- FC-78 Foot Control
- SG20 Handpiece (20:1 Reduction)
- Irrigation tube (5 pcs.) and other accessories

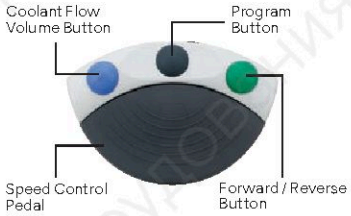
Specifications

Control Unit with AHC
- Power Supply : AC 230 V 50/60 Hz
- Max. Pump Output : 75 mL / min
- Programs : 8 Programs / Implant System
- Dimensions : W 265 x D 220 x H 100 mm

Micromotor
- Torque : 5-80 Ncm
- Motor Speed : 200-40,000 min^{-1}
- Light Power : over 32,000 LUX (LED Micromotor)

Foot Control
- Foot Control Functions : Program Button, Speed Control Pedal Coolant Flow Volume Button Forward / Reverse Button

Foot Control Stay in control



MODEL FC-78
ORDER CODE Z1102001
- With 2 m cord

MODEL FC-78(3.5)
ORDER CODE Z1102002
- With 3.5 m cord

Handle Set (Optional)



MODEL Handle Set
ORDER CODE Z1027001

Sterilization Cassette (Optional)



MODEL SG-CASE
ORDER CODE 20001348
- Dimensions : W 281 x D 171.5 x H 47 mm

Carrying Case (Optional)



MODEL Carrying Case (Surgic Pro)
ORDER CODE Y1001952
- Dimensions : W 534 x D 427 x H 207 mm

Washable in the thermodisinfector | Autoclavable up to 135°C

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Surgic Pro × VarioSurg3

Surgical Micromotor System

Ultrasonic Bone Surgery System

SYNERGY IN IMPLANTOLOGY

Two linked surgical systems that use a single foot control. A brand new approach to implant and surgical treatment.



YouTube

LINK 2 SYSTEMS

Surgic Pro and VarioSurg3 generating synergies through link function

The Link function allows operation between the Surgic Pro oral surgery and implant micromotor system and the VarioSurg3 ultrasonic bone surgery system using a single foot control. A common interface controls each system, allowing synergy in diverse surgical procedures and greatly streamlining treatment. Each system is available separately and is easily linked as required, making the system expandable and very affordable.

Link function easily connects two systems

The Link function is easy to set up. Just connect the Surgic Pro and VarioSurg3 units with the link cable. The two systems can be installed together using the compact Link Stand.



Hands-free program adjustments via foot control

The two systems can be operated using the single foot control which offers hands-free operation of functions such as ultrasonic wave ON/OFF, forward and reverse selection, coolant flow selection and program selection.



Large and clear display for enhanced safety

The user-friendly display clearly indicates which system is active and ensures safe and accurate operation.



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Surgic AP

Provides solid performance for surgical and implant procedures

Designed specifically for oral and implant surgery, Surgic AP delivers all the power and performance you ever need for these procedures. 210 watts power and 50 Ncm torque, together with a wide speed range of 200-40,000 min^{-1} offers the flexibility and fast response required for a variety of surgical procedures. The compact console is user-friendly, simple to operate and has been specifically designed for the aseptic theatre environment.

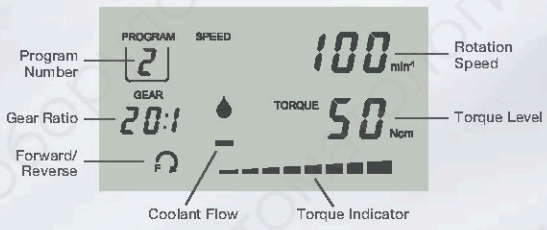


8 individual program options

NSK Surgic AP can memorise 8 complete program options. Each program includes speed, torque, coolant flow, and rotation direction. Program settings continue to be stored even when supply power is turned off. Each program setting can be easily modified during operation. To save a program parameter you simply press and hold the Memory button.

Large user friendly LCD

The Large LCD display offers immediate recognition of the selected operational program data.



Powerful external pump

Surgic AP guarantees you optimum irrigation capacity and simple mounting with an external powerful water pump. The Surgic AP pump is easily detachable and can be repeatedly autoclaved.



User friendly foot control

The Surgic AP foot control (FC-55) is simple to operate and conforms to IPX8 - the standard for medical foot control devices and certification for operating theatre use. (forward direction only)



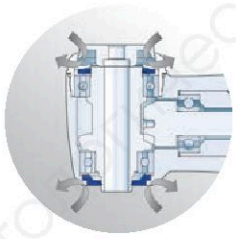
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S-Max SG20 Contra-angle 20:1 Reduction

- Double sealing system
- Stressless body shape
- Excellent durability

SG50MS Micromotor

- Compact, short and lightweight micromotor
- High power 210 W / powerful torque 50 Ncm
- Excellent durability and autoclavability



Double Sealing System



Complete Set Non-Optic

Surgic AP Non-Optic Complete Set
With S-Max SG20 Handpiece

MODEL Surgic AP (230V) ORDER CODE Y1002184

Contents

- Control Unit • Non-Optic Micromotor (SG50MS)
- SG20 Handpiece (20:1 Reduction)
- FC-55 Foot Control (IPX8 certified) • Handpiece Stand
- Irrigation Tube (5 pcs.) and Other Accessories



Specifications

Control Unit	Micromotor (SG50MS)	Foot Control (FC-55)
• Max. Output/Max. Torque : 210 W / 50 Ncm	• Motor Speed : 200-40,000 min^{-1}	• Speed Control: Variable
• Power Supply : AC 230 V 50/60 Hz	• Non-optic	• IPX8 certified
• Max. Pump Output : 75 mL/min	• Brushless	
• Programs : 8 Programs		
• Dimensions : W 275 x D 207 x H 101 mm		

Carrying Case (Optional)

The NSK Carrying Case can accommodate all Surgic AP components as well as the optional sterilization cassette.



MODEL Carrying Case (Surgic AP)
ORDER CODE Y1002197

- Dimensions : W 534 x D 427 x H 207 mm

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Ti-Max X-DSG20L Dismantling Surgical Handpiece

Dismantlable contra-angle handling up to 80 Ncm of torque

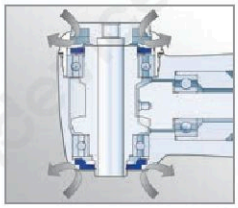


Optic MODEL X-DSG20L ORDER CODE C1068
Non-Optic MODEL X-DSG20 ORDER CODE C1067

20:1 Reduction • Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics (X-DSG20L) • Push Button Chuck • External and internal cooling • Double Sealing System • Max. Torque : 80 Ncm • Max. Speed : 2,000 min^{-1}

Double Sealing System

NSK's original double sealing system reliably prevents blood and bodily fluids from entering the instrument head. This guarantees longevity of the instruments.



Easy to disassemble and clean

The DSG20 contra-angle can be disassembled with a simple twist for easy internal cleaning. NSK's unique locking mechanism prevents accidental disassembly during operation.



Ti-Max Z-SG45L

The surgical handpiece Ti-Max Z-SG45 with its unique 45° head angle and straight body, allows easy access to previously hard to reach or inaccessible areas. When working on anterior teeth the handpiece angulation makes it easy to use adjacent teeth as finger rests. The newly developed 'DURAGRIP' offers safe and secure handling of the handpiece during surgical procedures as a result of a special surface treatment. Ti-Max Z-SG45 offers a new approach to surgical treatment.

Triple Water Jets

NSK's triple water jets efficiently cool the entire bur and because it is a solid water jet instead of water and air spray there is no risk of emphysema and safe surgical procedures can be guaranteed.



Superior accessibility

When treating molars Ti-Max Z-SG45 doesn't interfere with anterior teeth giving better visibility of and access to the treatment area.



Retention of stable rests

Holding the handpiece in a pen grip when operating in the anterior region makes it very convenient to use adjacent teeth as finger rests and using burs of up to 25 mm makes this instrument ideal for splitting roots.





Optic MODEL Z-SG45L ORDER CODE C1107
Non-Optic MODEL Z-SG45 ORDER CODE C1108

1:3 Increasing • Titanium Body with Scratch Resistant DURAGRIP • Cellular Glass Optics (Z-SG45L) • Ceramic Bearings • Clean Head System • Push Button Chuck • External cooling • For FG burs (ø1.6 / 20-25 mm) • Anti Head System • DLC Coating • Max. Speed : 120,000 min^{-1}

Can be use up to 80 Ncm | Washable in the thermodisinfector | Autoclavable up to 135°C

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Implant & Surgical Handpieces

Ti-Max X-SG20L



Optic MODEL X-SG20L ORDER CODE C1003

20:1 Reduction • Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics • Push Button Chuck • Double Sealing System • External and internal cooling • Max. Torque : 80 Ncm • Max. Speed : 2,000 min^{-1}

Ti-Max X-SG93L



Optic MODEL X-SG93L ORDER CODE C1004

Non-Optic MODEL X-SG93 ORDER CODE C1007

1:3 Increasing • Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics (X-SG93L) • Clean Head System • Push Button Chuck • External cooling • Max. Speed : 120,000 min^{-1} • For FG burs (ø1.6)

Ti-Max X-SG25L



Optic MODEL X-SG25L ORDER CODE C1011

1:1 Direct Drive • Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics • Clean Head System • Push Button Chuck • External cooling • Max. Speed : 40,000 min^{-1} • For CA burs (ø2.35)

Ti-Max X-SG65L

Straight Handpiece



Optic MODEL X-SG65L ORDER CODE H1009

Non-Optic MODEL X-SG65 ORDER CODE H1038

1:1 Direct Drive • Titanium Body with Scratch Resistant DURACOAT • Cellular Glass Optics (X-SG65L) • Clean Head System • For HP burs (ø2.35) • External cooling • Max. Speed : 40,000 min^{-1}

Implant Handpieces

S-Max SG20



Non-Optic MODEL SG20 ORDER CODE C1010

20:1 Reduction • Stainless Steel Body • Push Button Chuck • External and internal cooling • Double Sealing System • Max. Torque : 80 Ncm • Max. Speed : 2,000 min^{-1}

SGMS-ER20i

with Depth Indicator



Non-Optic MODEL SGMS-ER20i ORDER CODE Y110147

20:1 Reduction • External and internal cooling • with two Depth Indicators, Wrench for handpiece attachment, Ruler • Max. Speed : 2,000 min^{-1}

Can be use up to 80 Ncm | Washable in the thermodisinfector | Autoclavable up to 135°C

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Micro Surgery Handpieces **Non-Optic**

Straight Handpieces





MODEL SGS-ES ORDER CODE H264

1:1 Direct Drive • For surgical burs (ø2.35) • Twist chuck
• Max. Speed : 40,000 min^{-1}



MODEL SGS-E2S ORDER CODE H266

1:2 Increasing • For surgical burs (ø2.35) • Twist chuck
• Max. Speed : 80,000 min^{-1}

YouTube

20° Angle Handpieces



MODEL SGA-ES ORDER CODE H263

1:1 Direct Drive • For surgical burs (ø2.35) • Twist chuck
• Max. Speed : 40,000 min^{-1}



MODEL SGA-E2S ORDER CODE H265

1:2 Increasing • For surgical burs (ø2.35) • Twist chuck
• Max. Speed : 80,000 min^{-1}

Washable in the thermodisinfector
135°C Autoclavable up to 135°C

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Micro Saw Handpieces **Non-Optic**

1.8 mm Reciprocating





MODEL SGR2-E ORDER CODE SH162
3.2:1 Reductiion • With External Spray Nozzle

17° Oscillating





MODEL SGO2-E ORDER CODE SH164
3.5:1 Reductiion • With External Spray Nozzle

3° Sagittal





MODEL SGT2-E ORDER CODE SH163
3.2:1 Reductiion • With External Spray Nozzle

* Do not exceed the Maximum Stroke Allowance
* Blades are sold separately

SURGICAL

SGR2-E Blades for Reciprocating



MODEL SGR-1 ORDER CODE Y900072
• Blade thickness 0.35 mm • Pack of 10 blades



MODEL SGR-2 ORDER CODE Y900073
• Blade thickness 0.35 mm • Pack of 10 blades

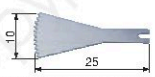


MODEL SGR-3 ORDER CODE Y900074
• Blade thickness 0.35 mm • Pack of 10 blades

SGT2-E Blades for Sagittal



MODEL SGT-1 ORDER CODE Y900075
• Blade thickness 0.35 mm • Pack of 10 blades



MODEL SGT-2 ORDER CODE Y900076
• Blade thickness 0.35 mm • Pack of 10 blades

SGO2-E Blades for Oscillating



MODEL SGO-1 ORDER CODE H174034
• Blade thickness 0.3 mm • Single blade



MODEL SGO-2 ORDER CODE H174044
• Blade thickness 0.3 mm • Single blade



MODEL SGO-3 ORDER CODE H174031
• Blade thickness 0.3 mm • Single blade



MODEL SGO-4 ORDER CODE H174041
• Blade thickness 0.3 mm • Single blade



MODEL SGO-5 ORDER CODE H174032
• Blade thickness 0.35 mm • Single blade



MODEL SGO-6 ORDER CODE H174042
• Blade thickness 0.35 mm • Single blade

Washable in the thermodisinfector · Autoclavable up to 135°C

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VarioSurg3

POWERFUL ULTRASONIC SURGICAL SYSTEM WITH LED ILLUMINATION

Evolved potential

Embodying the pursuit of perfection

Ultrasonic bone surgery systems are essential in modern surgical and implant treatment. The powerful VarioSurg3 handpiece features a slim and lightweight body that ensures minimal hand fatigue and outstanding visibility. A variety of tips makes procedures easier and stress-free to help provide more precise and efficient treatment.

Features

- Major Power Boost
- 3 Modes (SURG, ENDO, PERIO)
- Selectable Burst Mode
- 9 Programs (SURG x 5, ENDO x 2, PERIO x 2)
- Adjustable LED Light intensity
- Automatic Cleaning Mode
- Feedback Function
- Auto Tuning Function
- Dynamic Link Feature



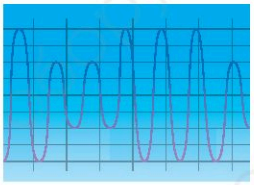
YouTube #1 YouTube #2 YouTube #3

Stabilizing the power balance for more efficient procedures



The VarioSurg3 offers a 50% increase in power in SURG mode compared to previous models, for more effective procedures and shorter treatment times.
(Select tips according to clinical and power requirements)
*For more than 100% power, you must use the relevant tips.

Advanced BURST mode



Switching from SURG mode to BURST mode during procedures creates a hammer drill effect capable of cutting through the hardest of tissues. Select from one of three BURST mode levels according to the procedure or density or hardness of the bone.

Illumination intensity adjustable LED light



LED handpiece illumination can be adjusted at the push of a button, with a choice of three intensity levels to suit the procedure.

Feedback function

This function constantly checks the performance parameters of the ultrasonic unit during operation. It simultaneously controls power output to optimize the level of power depending on the procedure.

Memory functions for treatment procedures and program setting

Specific treatment parameters can be stored using the unit's memory function, and are easily accessed using the program button.

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Trinity

Outstanding ultrasonic performance

Wattage is not the only factor determining cutting efficiency and performance in ultrasonic surgery. What is important is the power factor between three elements: control unit frequency, handpiece vibration characteristics and tip design for handling high power and cutting efficiency. The VarioSurg3 effortlessly balances these three elements for the ultimate in ultrasonic performance.



Surgic Pro × VarioSurg3

The Link Function

You can operate both the implant motor Surgic Pro and VarioSurg3 ultrasonic bone surgery system with a single foot control by linking the two units with the link cable. By simply placing the two units on the Link Stand, adequate space and complete surgical treatment centre can be secured. The two systems can also be installed together compactly with a Link Stand that takes up minimal space.



While link cable is connected:
VarioSurg3 : Select Burst Function
Surgic Pro : Switch FWD / REV



Press the 'SELECT' button to switch between VarioSurg3 and Surgic Pro mode.

Complete Sets



Optic
VarioSurg3 Complete Set MODEL VarioSurg3 (230V) ORDER CODE Y1002726

Contents
• Control unit • LED Handpiece with 2 m cord • FC-78 Foot Control • Sterilisation Cassette
• Handpiece Stand • Irrigation tube (5 pcs.) and other accessories
• Tip holder • Tips (H-SG1, SG3, SG5, SG6D, SG7D, SG11 : 1 pc. each)

Optic
VarioSurg3 Complete Set without Foot Control MODEL VarioSurg3 (230V) Non FT ORDER CODE Y1002248

Contents
• Control unit • LED Handpiece with 2 m cord • Sterilization Cassette • Handpiece Stand
• Irrigation tube (5 pcs.) and other accessories
• Tip holder • Tips (H-SG1, SG3, SG5, SG6D, SG7D, SG11 : 1 pc. each)

Specifications

Control Unit
• Frequency : 28-32 kHz
• Power Supply : AC 230 V 50/60 Hz
• Irrigation Flow Rate : 10-75 mL/min
• Programs : SURG x 5, ENDO x 2, PERIO x 2
• Dimensions : W 265 x D 220 x H 100 mm

SG Link Set (Optional)

MODEL VarioSurg3 Link set (E)
ORDER CODE Y1002729

Contents • SG Link Stand • SG Link Cable

Specifications
SG Link Stand • Dimensions : W 210 x D 300 x H 180 mm • Weight : 1.85 kg
SG Link Cable • Length : 355 mm



Carrying Case (Optional)

The Carrying Case neatly stores all VarioSurg3 components.

MODEL Carrying Case (VarioSurg3)
ORDER CODE Y1002768

• Dimensions : W 534 x D 427 x H 207 mm



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VarioSurg Ultrasonic Surgery Tips (TiN coating) — Bone Surgery



Power Setting S 10%-150%
150% MODEL H-SG1 ORDER CODE Z305151
• Dots mark 3, 6 and 9 mm from tool end • Flat tooth • 0.6 mm thick



S 10%-80%
MODEL SG1A ORDER CODE Z305138
• Dots mark 3, 6, 9, 12 and 15 mm from tool end • Flat tooth • 0.6 mm thick



S 10%-80%
MODEL SG2R ORDER CODE Z305102
• Right curved tool* • Three teeth • 0.6 mm thick



S 10%-80%
MODEL SG2L ORDER CODE Z305103
• Left curved tool* • Three teeth • 0.6 mm thick



S 10%-150%
150% MODEL H-SG8 ORDER CODE Z305155
• Dots mark 3, 6 and 9 mm from tool end • Three teeth • 0.6 mm thick



S 10%-80%
MODEL SG8A ORDER CODE Z305139
• Dots mark 3, 6, 9, 12 and 15 mm from tool end • Three teeth • 0.6 mm thick



S 10%-150%
150% MODEL H-SG8R ORDER CODE Z305156
• Right curved tool* • Three teeth • 0.6 mm thick



S 10%-150%
150% MODEL H-SG8L ORDER CODE Z305157
• Left curved tool* • Three teeth • 0.6 mm thick



MODEL SG14R ORDER CODE Z305122
• Right curved tool* • Five teeth • 0.6 mm thick



S 10%-80%
MODEL SG14L ORDER CODE Z305123
• Left curved tool* • Five teeth • 0.6 mm thick



S 10%-80%
MODEL SG19 ORDER CODE Z305135
• Dot mark 3 mm from tool end • Five teeth, 0.8 mm thick



S 10%-80%
MODEL SG30 ORDER CODE Z305137
• Sharp edge • 0.5 mm thick



S 10%-80%
MODEL SG58 ORDER CODE Z305141
• Dots mark 3, 6 and 9 mm from tool end • Three teeth • 0.6 mm thick



S 10%-80%
MODEL SG68 ORDER CODE Z305143
• Dots mark 2 and 4 mm from tool end • Three teeth • 0.6 mm thick

*Thickness of the curve side of the body of the tool's anterior view

YouTube #1 YouTube #2

VarioSurg Ultrasonic Surgery Tips (TiN coating) — Scraper



Power Setting S 10%-80%
MODEL SG3 ORDER CODE Z305104
• Triangular edge scaling tool



S 10%-80%
MODEL SG4 ORDER CODE Z305105
• Edge scaling tool



S 10%-80%
MODEL SG5 ORDER CODE Z305106
• Rounded edge scaling tool

VarioSurg Ultrasonic Surgery Tips (TiN coating) — Extraction



S 10%-80%
MODEL SG17 ORDER CODE Z305132
• 0.7 mm thick



S 10%-50%
MODEL SG18R ORDER CODE Z305133
• Right angled tool* • 0.7 mm thick



S 10%-50%
MODEL SG18L ORDER CODE Z305134
• Left angled tool* • 0.7 mm thick

*Thickness of the curve side of the body of the tool's anterior view

VarioSurg Ultrasonic Surgery Tips — Socket Lift (Crestal Aproach)



S 10%-50%
MODEL SCL1 ORDER CODE Z305170
• Internal irrigation



S 10%-80%
MODEL SCL1D ORDER CODE Z305171
• Internal irrigation • Diamond coated



S 10%-50%
MODEL SCL2D ORDER CODE Z305182
• Internal irrigation • Diamond coated



S 10%-50%
MODEL SCL3 ORDER CODE Z305172
• Internal irrigation



S 10%-80%
MODEL SCL3D ORDER CODE Z305173
• Internal irrigation • Diamond coated



S 10%-80%
MODEL SCL4D ORDER CODE Z305184
• Internal irrigation • Diamond coated



S 10%-50%
MODEL SCL5 ORDER CODE Z305174
• Internal irrigation



S 10%-80%
MODEL SCL5D ORDER CODE Z305175
• Internal irrigation • Diamond coated

150% Tips that correspond to high power can be used up to 150% power setting.

Washable in the thermodisinfector | 135°C Autoclavable up to 135°C

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VarioSurg Ultrasonic Surgery Tips (Diamond coating) — Sinus Lift



Power Setting S 10%-80%
MODEL SG6D ORDER CODE Z305107



S 10%-50%
MODEL SG7D ORDER CODE Z305108

VarioSurg Ultrasonic Surgery Tips — Sinus Membrane Detachment



S 10%-50%
MODEL SG9 ORDER CODE Z305110
• Flat curvature convex excavator • Angled at 90°



S 10%-50%
MODEL SG10 ORDER CODE Z305111
• Flat curvature convex excavator • Angled at 135°



S 10%-50%
MODEL SG11 ORDER CODE Z305112
• Concave recessor

VarioSurg Ultrasonic Surgery Tips (Diamond coating) — Implant Preparation



S 10%-50%
MODEL SG15A ORDER CODE Z305124
• Diameter of the end: 0.7 mm



S 10%-50%
MODEL SG15B ORDER CODE Z305125
• Diameter of the end: 1.3 mm



S 10%-50%
MODEL SG15C ORDER CODE Z305126
• Diameter of the end: 0.9 mm



S 10%-50%
MODEL SG15D ORDER CODE Z305127
• Diameter of the end: 1.3 mm



S 10%-50%
MODEL SG16A ORDER CODE Z305128
• Diameter: 2.0 mm



S 10%-50%
MODEL SG16B ORDER CODE Z305129
• Diameter: 2.6 mm

VarioSurg Ultrasonic Tips — Scaling



Power Setting S 10%-50%
MODEL G1-S ORDER CODE Z305113

VarioSurg Ultrasonic Tips — Perio (Root Planing)



P 5%-100%
MODEL P20-S ORDER CODE Z305114
• Straight tip



P 5%-100%
MODEL P25R-S ORDER CODE Z305115
• Right curved tip*



P 5%-100%
MODEL P25L-S ORDER CODE Z305116
• Left curved tip*

*The direction of the curved part is defined by the anterior view

VarioSurg Ultrasonic Tips Perio-Control Maintenance (V-Tip)



P 5%-100%
MODEL V10-S ORDER CODE Z305117
• Plastic Tip is not included • Includes E-Torque attachment wrench



MODEL V-P10 ORDER CODE Y900184
• Pack of 3 • V10-Shoulder is not included



MODEL V-P11R ORDER CODE Y1002165
• Right curved type* • Pack of 3 • V10-Shoulder is not included



MODEL V-P11L ORDER CODE Y1002166
• Left curved type* • Pack of 3 • V10-Shoulder is not included



MODEL V-P12 ORDER CODE Y1002167
• Pack of 3 • V10-Shoulder is not included

■V-P11R/L, V-P12 cannot be used for VarioSurg (Previous model)
*The direction of the curved part is defined by the anterior view

VarioSurg Ultrasonic Surgery Tips (Diamond coating) — Endodontics



E 5%-50%
MODEL E30RD-S ORDER CODE Z305118
• For posterior teeth (right angled)



E 5%-50%
MODEL E30LD-S ORDER CODE Z305119
• For posterior teeth (left angled)



E 5%-50%
MODEL E31D-S ORDER CODE Z305120
• For anterior and posterior teeth (70°)



E 5%-50%
MODEL E32D-S ORDER CODE Z305121
• For anterior teeth (90°)

SURGICAL

Washable in the thermodisinfector
Autoclavable up to 135°C

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iSD900

Faster and Safer

Faster and safer implant treatments

NSK's iSD900 cordless screwdriver helps to safely place and remove cover screws, healing caps and abutments during dental implant procedures, making treatment up to 50% faster.

YouTube



Advantages

- Universal to major implant systems
- Reliable and durable contra-angle handpiece with excellent accessibility
- Audible beeping noise to indicate reverse rotation
- Standard battery (AAA Ni-MH) is easily replaced on site
- LCD control panel offering outstanding visibility and operability

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Faster treatment

NSK's iSD900 cordless screwdriver safely inserts and removes cover screws, healing caps and abutments during implant procedures, making treatment up to 50% faster.



Accommodating diverse operative fields

It can be difficult to maintain good visibility of the operating field when retracting the buccal mucosa when using a conventional ratchet wrench with both hands. The iSD900 allows single-handed operations to ensure better visibility across the whole operating field.



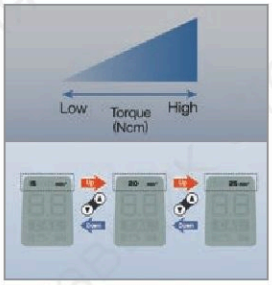
Torque calibration system to guarantee safety

The unique torque calibration system (TCS) of the iSD900 ensures accurate torque values at all times.



Torque range accommodating diverse procedures and three rotation speeds

NSK's iSD900 has a torque range of 10 Ncm to 40 Ncm to ensure precise torque adjustments and settings in 1 Ncm or 5 Ncm increments according to procedures. The iSD900 offers 15 min^{-1}, 20 min^{-1}, and 25 min^{-1} speeds according to procedure requirements.





Torque Calibrator



iSD900 Complete Set

MODEL iSD900 (230V) ORDER CODE Y1001358

Contents

- iSD900 Motor • iSD-HP • Quick Charger for iSD900
- Torque Calibrator • On / Off Switch Lever

Specifications

- Torque : 10-40 Ncm in 1 or 5 Ncm increments
- Speed : 15, 20, 25 min^{-1}
- Weight : 148 g (iSD900 Motor + iSD-HP)
- Charging Time : Around 90 min*
- Continuous Operation Time : Max 72 min*

* These may change according to the usage environment

SURGICAL

The heads can be washed in the thermodisinfector only iSD-HP

The heads are autoclavable up to 135°C only iSD-HP

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Osseo 100

Removes Doubt

Osseointegration Monitoring Device

Osseo 100 measure implant stability and osseointegration to enhance decisions about when to load the implant. Especially important when using protocols with shorter treatment time and treating higher risk patients.



YouTube

CAPP Free sign-up

Reduce treatment time

One stage, immediate loading, early loading.

Manage higher risk patients

Compromised bone, smokers, bruxism, diabetes, cancer, osteoporosis, grafts, membranes etc.

Puts higher demand on more accurate diagnostic techniques to avoid failures.

The uncomplicated operation that measures ISQ allows the implant loading period to be planned in advance. The reconstruction of crowns and bridges can be predicted to decrease the risk for failures. Measurements can be made without unnecessary impact since the equipment does not come into physical contact with the implant or abutment.

stomdevice

3-step procedure

1. The MulTipeg™ is attached to the implant. It screws effortlessly into the implant's internal threads. (approximately 6-8 Ncm of torque).
2. Just aim for the magnet on top of the MulTipeg™. Non-invasive, objective, accurate and repeatable. The peg is excited by magnetic pulses and vibrates due to the stiffness in the contact area between the bone and the implant surface.
3. An ISQ value is generated and shown on the display. This reflects the level of stability on the universal ISQ scale – from 1 to 99. The higher the ISQ value, the more stable the implant.



About ISQ

The below is not a clinical recommendation from NSK.

Decreasing micro mobility with increasing ISQ values

ISQ Value 60 70

More time required for implant osseo-integration

ISQ values measured for one or two stage full or partial cases

ISQ values measured for single tooth one stage and/or immediate loading cases

1. Sennerby L Prof., Implantologie 2013; 21(1): 21-23
2. Kokovic V, Jung R, Feloutzis A, Todovoric V, Jurisic M, Hämmerle C. Clinical Oral Implants Research, 00, 2013, 1-6
3. M Bornstein, C Hart, S Halbritter, D Morton, D Buser, Prof. Dr. med. dent. Clin Implant Dent Relat Res 2009
4. Serge Baltayan, Joan Pi-Anfruns, Tara Aghaloo, Peter Moy. J Oral Maxillofac Surg 74:1145-1152, 2016
5. P O Östman, Private practitioner, Falun- and Biomaterial Group, Sahlgrenska Academy Gothenburg. Clinical Implant Dentistry and Related Research, Volume 7, Supplement 1, 2015
6. Daniel Rodrigo, Luis Aracil, Conchita Martin, Mariano Sanz. Clin. Oral Impl. Res. 21, 2010; 255-261
7. Pagliani L, Sennerby L, Petersson A, Verrocchi D, Volpe S & Andersson P. Journal of Oral Rehabilitation 2012
8. P Trisi Phd, T Carlesi DDS, M Colagiovanni DDS, G Perfetti MD, DDS. Journal of Osteology and Biomaterials, Volume 1, Number 3, 2010
9. S Hicklin, E Schneebeli, V Chappuis, S Francesco, M Janner, D Buser, U Brägger. Clin. Oral Impl. Res. 00, 2015; 1-9
10. L. Milillo, C. Fiandaca, F. Giannoulis, L. Ottria, A. Lucchese, F. Silvestre, M. Petruzzi. Oral & Implantology - anno IX - n. 3/2016

REUSABLE MulTipeg™

- For all major implant systems *
- Optimal platform fit
- Tissue friendly, durable titanium
- ISQ Standard Calibrated
- Autoclavable appx. 20 times

*There are different MulTipegs™ available made to fit different implant systems and types. Please scan the QR code to access the updated MulTipeg™ list.



Please scan the QR code to access the updated MulTipeg™ List.

MODEL Osseo 100 REF Y1004175

Contents
• Osseo 100 Instrument • MulTipeg Driver • Mains adapter and plugs
MulTipeg™ is not included, sold separately.

Specifications

- Power input : 5VDC, 1 VA
- Charger input : 100-240 VAC, 5VA
- Instrument weight : 100 g
- Battery full charge time : appx. 3 hours *
- Battery continuous drive time : appx. 1 hour.*

*Varies depending on usage situations.



Accessories & Spare Parts

MODEL	MulTipeg Driver	Sterile cover	Mains adapter	EU plug	UK plug	AU plug	US plug
REF	55003	55105	55093	55094	55095	55096	55097

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iCare

Automatically lubricates

iCare sets a new standard for handpiece maintenance systems. In one stylish and compact body, it offers you both ease of use and multiple functions to achieve complete lubrication. The proper solution volume is preset based on handpiece type, and maintenance can be initiated at the touch of a button. The chuck lubrication system removes dirt and cutting powder from the chuck to increase durability. The Air Purge Select Mode lets you alter purge time depending on the situation for truly comprehensive maintenance. Thanks to its stylish and compact body, iCare is also space efficient and totally in harmony with your working environment.

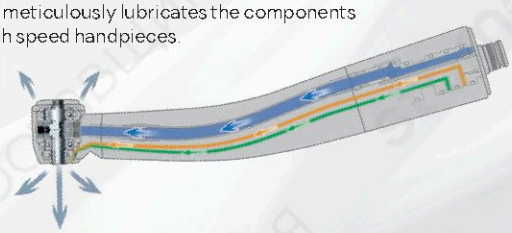


Advantages

- Preset solution volume based on handpiece type (high-speed handpieces, low-speed handpieces)
- Thorough lubrication with simple operation
- Chuck lubrication function ensures that the chuck is thoroughly lubricated
- Purging select mode ensures complete removal of excess oil
- Integrated large oil tank (1.2 L) reduces burden of refill

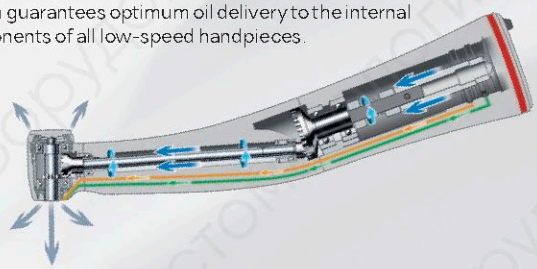
High speed handpieces

iCare meticulously lubricates the components of high speed handpieces.



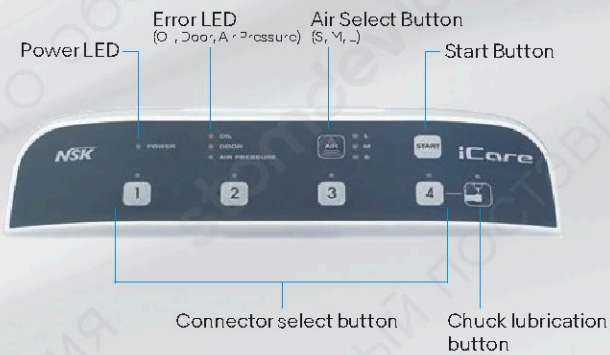
Low speed handpieces

Low speed handpieces incorporate gearing systems that require extra solution penetration. The NSK rotation system guarantees optimum oil delivery to the internal components of all low-speed handpieces.



Ergonomic and easily readable large panel

Simple One-Touch Operation to Start Lubrication.



YouTube#1 YouTube#2

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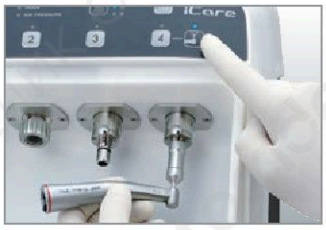
Purging select mode

After lubrication, you can select from appropriate modes offering different purge lengths.



Chuck lubrication function

The chuck lubrication function completely removes dirt and cutting powder from the chuck.



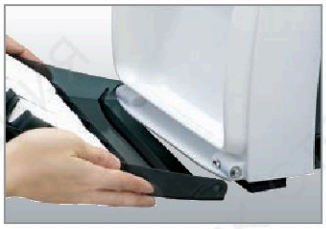
HP head filter prevents mist leaks (Optional)

HP Head Filter is made to absorb any spray mist generated, which prevents mist leaks.



Easy to clean

iCare's front door can be completely removed to allow fast, easy cleaning of the system.



Safe operation with a range of alarm functions

The alarm LED ensures safe and secure maintenance by alerting you to various situations, including inadequate solution, air pressure and an unlocked front door.

iCare Complete Sets

Dual Standard Connectors + Dual Rotation Connectors

MODEL iCare C2 Type
ORDER CODE Y1002787



Contents
- iCare unit • Power cord
- Chuck Lubricating Nozzle
- Maintenance oil for iCare (1 L)
- Mist filter set
- Oil absorber sheet • Air tube

Specifications
- Power Supply : AC 100-240 V 50/60 Hz
- Air Pressure : 0.5-0.6 MPa (5.0-6.0 kgf/cm²)
- Weight : 6.5 kg (C2 type / C3 type)
- Dimension : W 280 x D 240 x H 350 mm
- Solution Tank Capacity : 1.2 L

Single Standard Connector + Triple Rotation Connectors

MODEL iCare C3 Type
ORDER CODE Y1002788



- Connects only to Midwest 4-hole type
- Air piping is necessary (5.0-6.0 kgf/cm²)
- Do not use iCare to lubricate air scalers and Phatelus air motors. The iCare lubricating system is not designed to lubricate those particular products. Maintain air scalers* and Phatelus air motors as described in the operation manual for each product.
- If blood infiltrates inside a handpiece, iCare may not totally lubricate the internal handpiece components, and internal blood coagulation may cause product failure. In this case, NSK recommends to immediately lubricate those handpieces with PANA SPRAY Plus.

*except Ti-Max S970

iCare Adaptors

MODEL PTL Adaptor	ORDER CODE Z257010	• For NSK High Speed Handpieces for PTL-CL-LED Coupling
MODEL B2/M4 Adaptor	ORDER CODE T904	• For Borden 2 hole High Speed Handpieces
MODEL KV Adaptor	ORDER CODE Z257020	• For KaVo® High Speed Handpieces for MULTIflex® LUX Coupling
MODEL SR Adaptor	ORDER CODE Z257023	• For Sirona® High Speed Handpieces for Quick Coupling
MODEL WH Adaptor	ORDER CODE Z257021	• For W&H® High Speed Handpieces for Roto Quick Coupling
MODEL BA Adaptor	ORDER CODE Z280022	• For Bien-Air® High Speed Handpieces for Unifix® Coupling
MODEL F-Type Adaptor	ORDER CODE Z280042	• For ENDO-MATE TC2, DT, AT Heads

■ Check with the dealer for the adaptors to mount other manufactures' handpieces.

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PANA SPRAY Plus

PANA SPRAY Plus is a specially formulated, highly effective general handpiece and air motor lubricant. Frequent application of PANA SPRAY Plus will assure handpiece and air motor performance and durability. Apply PANA SPRAY Plus every time before autoclaving any handpiece or air motor.



MODEL **Pana Spray Plus** ORDER CODE **Z182100**

- For High & Low speed handpieces, and air motors
- 480 mL • Alcohol-contained lubricant

MODEL **Pana Spray Plus Package** ORDER CODE **Y900630**

- PANA SPRAY Plus pack of 6

PANA SPRAY Plus Nozzles



MODEL **Phatelus Spray Nozzle** ORDER CODE **P183090**
- For High speed attachments and air motors which attach to PTL and FM Couplings



MODEL **KV Nozzle** ORDER CODE **Z090051**
- For KaVo® MULTIflex® LUX



MODEL **SR Nozzle** ORDER CODE **Z090052**
- For Sirona® Quick Coupling



MODEL **WH Nozzle** ORDER CODE **Z090054**
- For W&H® Roto Quick



MODEL **BA Nozzle** ORDER CODE **Z090053**
- For Bien-Air® Unifix®



MODEL **MHL Spray Nozzle** ORDER CODE **Z090056**
- For Morita TwinPower Turbine 4H Coupling



MODEL **QD Spray Nozzle** ORDER CODE **Z096090**
- For QD Coupling



MODEL **E-Type Spray Nozzle** ORDER CODE **Z019090**
- For E-Type* attachments



MODEL **F-Type Spray Nozzle** ORDER CODE **Z256090**
- For ENDO-MATE TC2, DT, AT heads



MODEL **Tip Nozzle** ORDER CODE **Z020010**
- For M4, B2

* E-Type : Conformable to ISO3964.

KaVo® and MULTIflex® LUX are reg. stored trademarks of Kaltenbach & Voigt GmbH & Co.
Sirona® is a reg. stored trademark of Sirona Dental Systems GmbH.
W&H® is a reg. stored trademark of W&H Dentalwerk Bürmoos GmbH.
Bien-Air® and Unifix® are reg. stored trademarks of Bien-Air Dental S.A.
Satelec® is a reg. stored trademark of Acteon SA. EMS® is a reg. stored trademark of Electro Medical Systems SA.
MORITA® is a reg. stored trademark of J. MORITA Mfg. Corp.

YouTube

Autoclavable up to 135°C

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Multi Stands

NSK Multi Stand is the convenient way to organize and store NSK high and low speed handpieces and heads.





MODEL **Multi Stand Complete**
ORDER CODE **Z036**

- For NSK high speed and low speed attachments



MODEL **Multi Stand for Phatelus**
ORDER CODE **Z036002**

- 3 x Adaptor A
- 2 x Adaptor C

Multi Stand Handpiece Adaptors



MODEL **Adaptor A** ORDER CODE **Z036201**
- For High speed handpieces and Phatelus air motors



MODEL **Adaptor B** ORDER CODE **Z036202**
- For E-Type* Low speed handpieces and Phatelus air motor heads



MODEL **Adaptor C** ORDER CODE **Z036203**
- For Phatelus and Mach couplings



MODEL **Adaptor KV** ORDER CODE **Z036204**
- For KaVo® MULTIflex® LUX



MODEL **Adaptor SR** ORDER CODE **Z036205**
- For Sirona® Quick Coupling



MODEL **Adaptor WH** ORDER CODE **Z036207**
- For W&H® Roto Quick



MODEL **Adaptor BA** ORDER CODE **Z036206**
- For Bien-Air® Unifix®



MODEL **Adaptor F** ORDER CODE **Z036209**
- For ENDO-MATE TC2 / DT / AT, iSD900 heads



MODEL **Adaptor CJ** ORDER CODE **Z036210**
- For Midwest 4 hole & Borden 2/3 hole

* E-Type : Conformable to ISO3964.

Air Gauge

This gauge measures the drive air pressure of each handpice tubing. The figure shown on this gauge should correspond with the required air pressure stated on the operation manual of the handpiece. Use of this gauge ensures longer life-time of your handpieces.



MODEL **SG-4H** ORDER CODE **Z327001**
- For Midwest 4 hole & LUX Coupling

MODEL **SG-2/3H** ORDER CODE **Z327002**
- For Borden 2/3 hole

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ULTIMATE XL Series

BRUSHLESS

Experience unprecedented smoothness and power

The world's leading laboratory micromotor just got better. The ULTIMATE range has evolved to run even smoother and be more powerful. With 180º vector control system, it assures you to work more efficiently and stress-free. The handpiece shape has been designed extremely carefully with ergonomy and functionality, always being at the forefront of the designer's mind. The result is a handpiece which considerably reduces hand fatigue and makes it easier to work on even the most delicate pieces of work for extended periods of time. Experience the next-generation performance the ULTIMATE XL has to offer.

YouTube #1 YouTube #2



Features

- Ripple-free smooth rotation with 180° vector control system
- Powerful and stable torque across the entire speed range
- Easy-to-hold handpiece design ensures precision
- Ligthweight compact body reduces hand fatigue and improves balance
- Unique dust-proof mechanism prevents contamination therefore achieving higher durability
- Minimal vibration, and noise from hermetically shielded micromotor unit
- Approximately 30% increased chuck strength enables you to work on a wider variety of materials

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ULTIMATE XL Systems

Torque MODEL UMXL-GT (230V)
ORDER CODE Y141469

Compact MODEL UMXL-GC (230V)
ORDER CODE Y141470

Bench Type

Contents
- Control unit
- Micromotor Handpiece
- Foot Control
- Handpiece Stand

Specifications
- Power Supply : AC 230 V 50/60 Hz
- Weight : 2.8 kg
- Dimensions : W 167 x D 247 x H 77 mm



ULTIMATE XL-D Systems

Torque MODEL UMXL-DT (230V)
ORDER CODE Y141504

Compact MODEL UMXL-DC (230V)
ORDER CODE Y141505

Tower Type

Contents
- Control unit
- Micromotor Handpiece
- Foot Control
- Handpiece Stand

Specifications
- Power Supply : AC 230 V 50/60 Hz
- Weight : 3.3 kg
- Dimensions : W 81 x D 270 x H 230 mm



ULTIMATE XL-K Systems

Torque MODEL UMXL-KT (230V)
ORDER CODE Y141495

Compact MODEL UMXL-KC (230V)
ORDER CODE Y141496

Knee Type

Contents
- Control unit
- Micromotor Handpiece
- Handpiece Stand

Specifications
- Power Supply : AC 230 V 50/60 Hz
- Weight : 3.2 kg
- Dimensions : W 90 x D 270 x H 230 mm



ULTIMATE XL-F Systems

Torque MODEL UMXL-FT (230V)
ORDER CODE Y141513

Compact MODEL UMXL-FC (230V)
ORDER CODE Y141514

Floor Type

Contents
- Control unit
- Micromotor Handpiece
- Handpiece Stand

Specifications
- Power Supply : AC 230 V 50/60 Hz
- Weight : 3.8 kg
- Dimensions : W 230 x D 292 x H 113 mm

Torque Micromotor & Cord

- Speed : 1,000-50,000 min^{-1}
- Max. Torque : 8.7 Ncm



MODEL UMXL-T 2M
ORDER CODE Y141441

- Dimensions : L 151 x ø29 mm
- Weight : 215 g (Cord not included)
- Cord Length : 2 m

Compact Micromotor & Cord

- Speed : 1,000-50,000 min^{-1}
- Max. Torque : 6.0 Ncm



MODEL UMXL-C 2M
ORDER CODE Y141445

- Dimensions : L 144 x ø27 mm
- Weight : 181 g (Cord not included)
- Cord Length : 2 m

DENTAL LABORATORY

E-type Micromotor & Cord

- Speed : 1,000-50,000 min^{-1}
- Max. Torque : 6.0 Ncm



MODEL UMXL-EM 2M
ORDER CODE E342002

- Dimensions : L 118 x ø27 mm
- Weight : 129 g (Cord not included)
- Cord Length : 2 m

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VOLVERE i7 Coreless Micromotor

The VOLVERE i7 is another advance in NSK's quest to provide dental technicians access to its globally renowned dental laboratory engines. The stylish VOLVERE i7 delivers a compact, advanced design, all essential features and excellent value for money.



Features

- Light and compact to fit into the smallest space
- Microcomputer Control
- Auto Cruise Function

Specifications

• Power Supply	: AC 230 V 50/60 Hz
• Dimensions	: W 69 x D 185 x H 167 mm
• Weight	: 930 g

Powerful Torque and High Efficiency Micromotor

- Comfort grip
- Built-in Special dust proof mechanism
- High Precision
- Light weight and compact
- Low vibration and noise

Specifications (Standard Type)

• Speed	: 1,000-35,000 min^{-1}	• Weight	: 192 g (without cord)
• Max Torque	: 4.1 Ncm	• Cord Length	: 1.2 m
• Dimensions	: L 145 x ø24.5 mm		





VOLVERE i7 Complete Sets

Standard
MODEL VOLVERE i7 RM (230V) ORDER CODE Y1002890

E-Type Without Handpiece
MODEL VOLVERE i7 E (230V) ORDER CODE Y1003523

Contents
• Control unit • Micromotor Handpiece • Foot control (FC-76) • Handpiece Stand

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PRESTO AQUA LUX & AQUA Ⅱ

Lube Free Air Turbine Handpiece With Water Coolant Spray

LED

Optic PRESTO AQUA LUX Complete Set

MODEL PRESTO AQUA LUX ORDER CODE Y1001151

Contents
• PRESTO AQUA LUX Control unit • PRESTO AQUA LUX handpiece
• PR-AQL Hose • Foot control (AFC-40) • Secondary hose for PRESTO
• Handpiece stand • PRESTO AQUA LUX Cord (230 V) • AC Adaptor

Non-Optic PRESTO AQUA Ⅱ Complete Set

MODEL PRESTO AQUA Ⅱ ORDER CODE Y150023

Contents
• PRESTO AQUA II unit • PRESTO AQUA handpiece
• QD-J B3 coupling • Hose for PRESTO AQUA II
• Foot control (AFC-40) • Secondary hose for PRESTO

Specifications

• 320,000 min^{-1} • Coolant water spray • Bottle / tap water switching function
• Unique dust-proof mechanism • Lubrication free



PRESTO Ⅱ

Lube Free Air Turbine Handpiece

Non-Optic PRESTOⅡ Complete Set

MODEL PrestoⅡ ORDER CODE Y150022

Contents
• PRESTO II unit • PRESTO handpiece • Handpiece stand • Hose for PRESTO
• Foot control (AFC-40) • Secondary hose for PRESTO

Specifications

• 320,000 min^{-1} • Lubrication free • Unique dust-proof mechanism



Turbine Adaptor TA50

For ULTIMATE XL-D, XL-K and XL-F

TA50 air turbine adaptor allows you to quickly switch power source between air turbine handpiece and electric micromotor. Both handpieces are equally controllable with a single foot control or knee control.

MODEL TA50 ORDER CODE U375
• Turbine adaptor
• W 75 x D 100 x H 30 mm

Air turbine



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Couplings

Page 1

MODEL	PRODUCTS	ORDER CODE
Non-Retraction Valve		P401054
LED Assy		P1001066

MODEL	PRODUCTS	ORDER CODE
TA Bulb Pack of 3		Y900132
PTL Bulb Pack of 3		Y900529

MODEL	PRODUCTS	ORDER CODE
O-ring Set For KCL / LED		Y900211
SCL O-ring		D0312055100

Ti-Max Z Series

Pages 2-3

TiZ-MU03 Cartridge for Miniature head		Y1002075
TiZ-SU03 Cartridge for Standard head		Y1002076
PTL O-ring Set Pack of 5		Y900580

LED Assy		P1001066
TiZ-MU04 Head cap for Miniature head		P1051050
TiZ-SU04 Head cap for Standard head		P1052050

TiZ-MU05 Head cap wrench for miniature head		Z265006
TiZ-SU05 Head cap wrench for standard head		Z265007

S-Max M Series

Pages 4-5

SX3-MU03 Cartridge for Miniature head		P1280002
SX3-SU03 Cartridge for Standard head		P1281002
PTL O-ring Set Pack of 5		Y900580

LED Assy		P1001066
TA Bulb Pack of 3		Y900132
SX-MU04 Head cap for Miniature head		P1001500

SX-SU04 (YOS) Head cap for Standard head		P1027500
SX-SU05 Head cap wrench for Miniature head & Standard head		20000535

Ti-Max X450 Series

Page 6

TiX45-SU03 Cartridge for Standard head		Y1001906
TiX45-SU04 Head cap for Standard head		P1078500

LED Assy		P1001066
CQ45 Head cap wrench for Standard head		P624765

PTL-O-ring Set Pack of 5		Y900580

S-Max pico Series

Page 7

SX-PU03 Cartridge for S-Max pico		P1140200
PTL O-ring Set Pack of 5		Y900580

LED Assy		P1001066
SX-PU04 Head cap for S-Max pico		P1140500

SX-PU05 Head cap wrench for S-Max pico		20002803

DynaLED

Pages 8-9

SX-MU03 Cartridge for Miniature head		P1001250
SX-SU03 Cartridge for Standard head		P1002250
SX-MU04 Head cap for M600LG B2		P1001500

SX-SU04 Head cap for M600LG B2		P1002500
SX-MU04 (YOS) Head cap for M600LG M4		P1026500
SX-SU04 (YOS) Head cap for M600LG M4		P1027500

SX-MU04 (DQD) Head cap for M500LG QD		P1109500
SX-SU04 (DQD) Head cap for M600LG QD		P1108500

FX Plus Series

Pages 10-11

SX3-MU03 Cartridge for Miniature head		P1280002
SX3-SU03 Cartridge for Standard head		P1281002

SX-MU04 Head cap for Miniature head		P1001500
SX-SU04 (YOS) Head cap for Standard head		P1027500

SX-SU05 Head cap wrench for Miniature head & Standard head		20000535

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PanaAir FX Series

Pages 12-13

MODEL	PRODUCTS	ORDER CODE
PAX2-SU03 Cartridge for PAF-SU		P1190
PAX2-TU03 Cartridge for PAF-TU		P1216
PAX2R-S03 Cartridge for PAF-S		T1040
PAX2R-T03 Cartridge for PAF-T		T1066

MODEL	PRODUCTS	ORDER CODE
PAX2-SU04 Head cap for PAF-SU		P1190050
PAX2-TU04 Head cap for PAF-TU		P1216050
PAX2R-S04 Head cap for PAF-S		T1040050

MODEL	PRODUCTS	ORDER CODE
PAX2R-T04 Head cap for PAF-T		T1066050
Head Cap Wrench		P1190765
Bur Wrench		T100702

Ti-Max X Series

TiX-MU03 Cartridge for Miniature Head		Y900200
TiX-SU03 Cartridge for Standard Head		Y1001022
TiX-TU03 Cartridge for Torque Head		Y1001023
PTL O-ring Set Pack of 5		Y900580

LED Assy		P1001066
TA Bulb Pack of 3		Y900132
TiX-MU04 Head cap for Miniature Head		P067050
TiX-SU04 Head cap for Standard Head		P068050

TiX-TU04 Head cap for Torque Head		P069050
Head Cap Wrench for X500		Z265005
Head Cap Wrench for X600		Z265004
Head Cap Wrench for X700		Z265003

Ti-Max AL, AKL, ASL, AWL, ABL, A Series

Ti-MU03 Cartridge for Miniature Head		P057
Ti-SU03 Cartridge for Standard Head		P058
Ti-TU03 Cartridge for Torque Head		P059
PTL O-ring Set Pack of 5		Y900580

TA Bulb Pack of 3		Y900132
Ti-MU04 Head cap for Miniature Head		P057050
Ti-SU04 Head cap for Standard Head		P058050

Ti-TU04 Head cap for Torque Head		P059050
Ti-MU05 Head cap wrench for Miniature Head		Z265002
TF-SU05 Head cap wrench for Standard and Torque Head		Z265001

Mach-Lite XT / Mach 2 / 200L / 300L / 400L Series

NMC-MU03 Cartridge for Miniature Head		P047
NMC-SU03 Cartridge for Standard Head		P045
NMC-TU03 Cartridge for Torque Head		P046

PTL O-ring Set Pack of 5		Y900580
TA Bulb Pack of 3		Y900132
NMC-MU04 Head cap for Miniature Head		P047050

NCH-MU04 Head cap for Standard Head		P040050
NCH-TU04 Head cap for Torque Head		P042050
MC-SU05 Head cap wrench for Miniature, Standard and Torque Head		P040765

Ti-Max 450

NCH-SU03 Cartridge for Standard Head		P041
NCH-MU04 Head cap for Standard Head		P040050

TA Bulb Pack of 3		Y900132
CQ45 Head cap wrench for Standard head		P624765

PTL O-ring Set Pack of 5		Y900580

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PANA-MAX Series

MODEL	PRODUCTS	ORDER CODE
PAX-SU03 Cartridge for Standard head, includes O-ring & wave washer		Y900772
PAX-TU03 Cartridge for Torque head, includes O-ring & wave washer		Y900773

MODEL	PRODUCTS	ORDER CODE
PAX-SU04 Head cap for Standard Head		P074050
PAX-TU04 Head cap for Torque Head		P075050

MODEL	PRODUCTS	ORDER CODE
PAX-SU05 Head cap wrench for Standard and Torque Head		P074765

PANA AIR Σ Series

NPA-MU03 Miniature UP Cartridge		P004
NPA-SU03 Standard UP Cartridge		P014
NPA-TU03 Torque UP Cartridge		P024
NPA-M03 Miniature Cartridge		T004

NPA-S03 Standard Cartridge		T014
NPA-T03 Torque Cartridge		T034
Bur Wrench For Miniature		T102702
Bur Wrench For Standard & Torque		T100702

PA-S04 Miniature, Standard Head cap		T110290
PA-T04 Torque Head cap		T130290
PA-S07 Miniature, Standard Head cap wrench		T110765
MC-SU05 Torque Head cap wrench		P040765

FX Series

Pages 20-21

FX25-04 Head cap for FX25, FX23		C1052500
FX25-03 Cartridge for FX25		C1052700
FX23-03 Cartridge for FX23		C1056700

FX Spray nozzle For FX25, FX23, FX16		C1052702
Spray Nozzle For FX65		H019711

FX Wrench For FX25, FX23		C1052701
Tube (RSM)		Z166101

NLZ

Pages 24-25

O-ring Set		Y1003728
O-ring		D0312010 050
NLZ		E1152051
NLZ E U		U1142002

NLZ CD		E1152061
Purge Nozzle		P1027500
NLAC		U499001
AC Cord		U439550

NLZ STAY		Z1321
NLZ U BRACKET		Z1322
NLZ MOUNTING PLATE		Z1323

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EX Series Heads (for General Application)

MODEL	PRODUCTS	ORDER CODE
FPB-Y For CA burs (ø2.35), Push Button Chuck, Ball Bearing, Max Speed : 40,000 min-1		C875
NAC-Y For CA burs (ø2.35), Latch type, Max Speed : 30,000 min-1		C032002
BB-Y For CA burs (ø2.35), Latch type, Ball Bearing, Max Speed : 40,000 min-1		C037

EX Series Heads (for Prophylaxis Application)

AR-Y (S) For screw-in cups and brushes, Max Speed : 5,000 min-1		C187
AR-Y (K) For snap-on cups, Max Speed : 5,000 min-1		C188
EVA-Y For Eva tips, Max Speed : 10,000 min-1	 Vertical Reciprocating Stroke Length 1.4 mm	C235

EX Series Heads (for Endodontic Application)

MP-Y Miniature Head, Push Button Chuck Max Speed : 20,000 min-1	 360° Rotation	C547
MPA-Y Connection for Apex locator (for long shank), Miniature Head, Push Button Chuck, Max Speed : 20,000 min-1	 360° Rotation	C548
MPAS-Y Connection for Apex locator (for short shank), Miniature Head, Push Button Chuck, Max Speed : 20,000 min-1	 360° Rotation	C882
TEQ-Y For engine files (ø2.35), Push Button Chuck, Max Speed : 4,000 min-1	 80° Twist	C849
TEP-Y For hand files, Push Button Chuck, Max Speed : 4,000 min-1	 60° Twist	C837

EX Series Handpieces

EC-30	 1:1 Direct Drive	C100008
EC-30M		C100007
ER16	 16:1 Reduction	C636
ER4	 4:1 Reduction	C634
ER4M		C634002
ER64	 64:1 Reduction	C637
ER10	 10:1 Reduction	C635

EX Series / Ti-Max X95EX

FPB-03 Cartridge for FPB		C875060
NAC-03 Cartridge for NAC		C030011
BB-03 Cartridge for BB		C037015
NBB-03 Cartridge for NBBW		C210015
FFB-03 Cartridge for FFB		C884060
Spray Nozzle For NAC, BB, FPB, FFB, TEP		C032701
Spray Nozzle for NM		C039701
Spray Nozzle For EX-6B, EX-6B		H019711
FPB-02 Middle Gear		C875012
NAC-02 Middle Gear		C032012
Cap Wrench for AR-Y(S)		C185751
Cap Wrench Black		C071751
Tube		Z166101

Built-in

Pages 28-29

Potentiometer Set Potentiometer for Varios 170/Lux		Y1001440
3 Mode Select Switch Set 3 Mode Select Switch for Varios 170/Lux		Y1001793
Solenoid Valve		U387014

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Micromotors

MODEL	PRODUCTS	ORDER CODE
TA-LED Assy		10001791
TA Bulb Pack of 3 for Ti40, Ti205L		Y900132

MODEL	PRODUCTS	ORDER CODE
TM Bulb Pack of 3 for Tim40, Ti205L		Y900078
O-ring set Pack of 3 for all models		M154060

MODEL	PRODUCTS	ORDER CODE
O-ring		D0313084 070
O-ring Complete set Pack of 4 for all models		E1135083

Phatelus Air Motor

PTL O-ring Set Pack of 5		Y900580

Varios Combi Pro

Pages 30-31

Chamber For Prophy use		U1135018
Chamber For Perio use		U1135019
Handpiece Hose For Prophy use		T1051001
Handpiece Hose For Perio use		T1053001
Power Handpiece For Prophy use		T1074001
Power Handpiece For Perio use		T1077001
Nozzle For Prophy use		T1074012
Nozzle For Perio use		T1077012
VCP Bottle Set 400mL		U1135017
VA2-LUX-HP Optic Handpiece		E351050
VA2LUX-SC Handpiece Cord for VA2LUX		E351054
FC-79 Foot Control		Z1256001
Water Filter Set 3.6m		U1135078
Water Filter		U387042

Water Pressure Reducing Valve		U1135093
Tip Wrench CR-10		Z221076
E Tip Replacement Wrench		Z217399
Tip Holder		Z221A080
Tip Cover L		Z217850
Tip Cover S		Z217851
Sterilization case		Z1035001
Irrigation Pump		U1135079
VCP O-ring set Pack of 5		Y1003435
O-ring (Thin section) 1 for the VCP bottle		D0312090 100
O-ring (Thick section) 1 for the VCP bottle		D0310075 150
Chamber Cap		U1135089
O-ring For Chamber Cap		Y1003545
O-ring (Irrigation Bottle)		Y1003544

O-ring 1 for the Handpiece Cord		Y1003546
O-ring Handpiece Hose		Y1003500
O-ring Nozzle		Y1003501
Air Hose 3.6m		D0914406 036
Spanner Wrench 5 x 8, Pack of 2		Y1001301
VCP Ring Wrench		T1074601
Perio-Mate Nozzle Tip Pack of 40		Y1002741
Nozzle Tip Remover		T1043751
Lubrication Oil		Z016112
Cleaning Wire (L)		T798091
Cleaning Wire (S)		T798095
Cleaning File		T798092
Cleaning Brush		T798093
Unlocking tool		U1135256

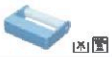
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Varios 970 / 570 / 370 / 170

Pages 33-35

MODEL	PRODUCTS	ORDER CODE
VA2-LUX-HP Optic Handpiece		E351050
VA2-HP Non-Optic Handpiece		E350050
VA970LUX-SC Handpiece Cord for Varios 970 LUX		E351055
VA970-SC Handpiece Cord for Varios 970		E350055
VA170LUX-SC Handpiece Cord for Varios 170 LUX		E351056
VA170-SC Handpiece Cord for Varios 170		E350056
FC-70 Foot Control, 2.5 m		Z1008001
FC-71 Foot Control, 5 m for Varios 370		Z1008002
AC Adaptor 2 m for Varios 570		Y1001762
VA370/370Lux AC Adaptor 5 m		Y1001790
Water Supply Connecter		U387030
Water Filter Set (2 m) 2 water supply tube, water filter, water filter case		U387040

MODEL	PRODUCTS	ORDER CODE
Water Filter Set (4 m) for Varios 370 2 water supply tube, water filter, water filter case		U1007080
Water Supply Tube (2 m)		U387580
Water Supply Tube (4 m) for Varios 370		D0914406 040
Water Filter Case		Y900069
Water Filter		U387042
Tube Ring Pack of 2		Y900077
Tip Wrench CR-10		Z221076
E Tip Replacement Wrench		Z217399
Tip Holder		Z221A080
Tip Cover L		Z217850
Tip Cover S		Z217851
Sterilization case		Z1035001

MODEL	PRODUCTS	ORDER CODE
Handpiece Holder for Varios 370		10001505
VA Bottle 400 400 mL for Varios 970		Z1047002
Irrigation Pump for Varios 970		10000643
O-ring for Handpiece Cord		D0310020 080
O-ring (Thin section) for VA Bottle 400		D0312090 100
O-ring (Thick section) for VA Bottle 400		D0310075 150
Varios 350/370 Stand		Z254
Varios 350/370 Mounting Bracket		Z259
Control Unit Holder for Varios 370		Y1001812
Spanner Wrench 6 x 8, Pack of 2		Y1001301

Varios 750 / 560 / 350 / 150

VA-LUX-HP Optic Handpiece		E250050
VA-HP Non-optic Handpiece		E177050
VA750LUX-SC Handpiece Cord for Varios 750 LUX		E250055
VA560LUX-SC Handpiece Cord for Varios 560 LUX		E250060
Middle Sheath		E250075
VA750-SC Handpiece Cord for Varios 750		E177055
VA-SC Handpiece Cord for Varios 560		E177060
FC-60 Foot Control, 2.5 m for Varios 750, 750 LUX 560 & 560 LUX		Z297001
FC-61 Foot Control, 4 m for Varios 350 & 350 LUX		Z300001
VA350 AC Adaptor Varios 350 & 350 LUX		U430001
Varios 150 Lux Built-in Module		U387012

Varios 150 Built-in Module		U387015
VA 150 LUX-SC Optic Cord		E250062
VA 150-SC Non-optic Cord		E177062
Varios 350/370 Stand		Z254
Varios 350/370 Mounting Bracket		Z259
Unit Holder For Varios 350		Z253
VA Bulb Pack of 3		Y900107
Water Supply Tube 2 m		U387580
Water Supply Connecter		U387030
Water Filter Set (2 m) 2 water supply tube, water filter, water filter case		U387040
Water Filter Case		Y900069

Water Filter		U387042
Tube Ring Pack of 2		Y900077
CR-10 Tip Replacement Wrench with Torque Limiter		Z221076
Handpiece holder For Varios 350 & 150		Z250001
E Tip Replacement Wrench		Z217399
Tip Holder		Z221A080
Tip Cover L		Z217850
Tip Cover S		Z217851
VA Bottle 350 mL for Varios 750		U424060
VA Bottle 500 mL for Varios 750		U424062
Irrigation Pump for Varios 750		U424061

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S970 / AS2000 Air Scaler

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MODEL	PRODUCTS	ORDER CODE
CR-20 Tip Replacement Wrench with Torque Limiter		Z1090001
E Tip Replacement Wrench		Z217399
Tip Holder		Z252080

MODEL	PRODUCTS	ORDER CODE
Lubrication Oil		Z016112
Tip Cover L		Z217850
Tip Cover S		Z217851

MODEL	PRODUCTS	ORDER CODE
S970 O-ring Set Pack of 4, for S970		Y1001953
PTL O-ring Set Pack of 5		Y900580

Ti-Max Air Scaler

CR-20 Tip Replacement Wrench with Torque Limiter		Z1090001
Tip Holder		Z252080

Tip Cover L		Z217850
Tip Cover S		Z217851

PTL O-ring Set Pack of 5		Y900580
Lubrication Oil		Z016112

TASKAL Wizard

NE140 Power Cord is included		Y140988

Ni-MH Rechargeable Battery Pack of 2		Y900103

*Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride). Never attempt to use a non rechargeable battery.

Prophy-Mate neo

Pages 46-47

PMN-HP Handpiece with 60° nozzle head		T797010
Nozzle 60°		T797012
Nozzle 80°		T797013
Powder Case Cover		T798133
FLASH pearl 100 packages per box		Y900693
Gasket		T798135
O-ring Front Nozzle		D0312039 070
O-ring (neo) Rear Nozzle		D0312029 070

PTL O-ring Set Pack of 5		Y900580
PM O-ring Set Pack of 3		Y900054
Ring Wrench		T797601
Blower Nozzle-PTL (neo)		T798094
Blower Nozzle-KV (neo)		T886094
Blower Nozzle-SR (neo)		T887094
Blower Nozzle-WH (neo)		T888094
Blower Nozzle-BA (neo)		T889094

Blower Nozzle-M4 (neo)		T884094
Blower Nozzle-B2 (neo)		T885094
Lubrication Oil		Z016112
Cleaning Wire (L)		T798091
Cleaning Wire (S)		T798095
Cleaning File		T798092
Cleaning Brush		T798093

Prophy-Mate

PM-S Handpiece Short type		T706010
PM-L Handpiece Long type		T705010
PM-PTL For NSK coupling		T705020
PM-KV For KaVo® coupling		T739020
PM-SR For Sirona® Quick coupling		T740020
PM-WH For W&H® Roto Quick coupling		T745020
PM-M4 For Midwest 4 hole joint		T719020
Powder Case Cover	1.Blue 2.Green 3.Pink	T705133 T705233 T705333

Cleaning Powder 100 packages per box		Y900052
PTL O-ring Set Pack of 5		Y900580
PM O-ring Set Pack of 3		Y900054
O-ring Front nozzle		D0312039 070
O-ring Rear nozzle		D0312029 070
Nozzle		T705A013
Ring Wrench		T705401

Blower Nozzle		T705094
Air Gasket		T705136
Gasket		T705135
Lubrication Oil		Z016112
Cleaning Wire		T705090
Cleaning File		T705167
Cleaning Brush		T705092

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Perio-Mate

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MODEL	PRODUCTS	ORDER CODE
PER-HP		T1043010
Nozzle		T1043012
Powder Case Cover		T798133
Gasket		T798135
O-ring Front Nozzle		D0312039 070
O-ring (PER) Rear Nozzle		D0312023 060
PTL O-ring Set Pack of 5		Y900580
PM O-ring Set Pack of 3		Y900054

MODEL	PRODUCTS	ORDER CODE
Ring Wrench		T797601
Nozzle Tip Remover		T1043751
Blower Nozzle-PTL (PER)		T1042094
Blower Nozzle-KV (PER)		T1044094
Blower Nozzle-SR (PER)		T1046094
Blower Nozzle-WH (PER)		T1048094
Blower Nozzle-BA (PER)		T1050094
Blower Nozzle-M4 (PER)		T1052094

MODEL	PRODUCTS	ORDER CODE
Blower Nozzle-B2 (PER)		T1054094
Lubrication Oil		Z016112
Cleaning Wire (L)		T798091
Cleaning Wire (S)		T798095
Cleaning File		T798092
Cleaning Brush		T798093

ENDO-MATE TC2

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ENDO-MATE TC2 Motor		E346
Battery Charger		U614

Cord for MPA, MPAS		C876021
Connection Cord Clip		C876509

Power Cord		U439550
Ni-MH Rechargeable Battery Pack of 2		Y900103

*Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride). Never attempt to use a non rechargeable battery.

ENDO-MATE TC

Connection Cord Clip		C876509

Ni-MH Rechargeable Battery Pack of 2		Y900103

NE140 Power Cord is included		Y140988

ENDO-MATE DT

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ENDO-MATE DT Unit		U421002
ENDO-MATE DT Motor & Cord		E275
Handpiece Stand		Z095206

Cord for MPA, MPAS		C876021
ENDO-MATE DT Adaptor		U480
Connection Cord Clip		C876509

Rechargeable Batteries		U421070
FC-15 Foot Control		Z248

*Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride). Never attempt to use a non rechargeable battery.

ENDO-MATE AT

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Cord For MPA, MPAS		C876021

Connection Cord Clip		C876509

ENDO-MATE TC2 / ENDO-MATE DT / ENDO-MATE AT Heads

Heads for Endodontic Application Page 55

MP-Y Miniature Head, for Ni-Ti files (ø2.35), Push Button Chuck		C547

MPA-Y Connection for Apex locator (for long shank), Miniature Head, for Ni-Ti files (ø2.35), Push Button Chuck		C548

MPAS-Y Connection for Apex locator (for short shank), Miniature Head, for Ni-Ti files (ø2.35), Push Button Chuck		C882

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ENDO-MATE TC2 / ENDO-MATE DT / TASKAL Wizard Heads

Heads for Prophylaxis Application Page 55

MODEL	PRODUCTS	ORDER CODE
AR-Y (S) Prophy head, for screw-in cups		C187
AR-Y (K) Prophy head, for snap-on cups		C188

MODEL	PRODUCTS	ORDER CODE
NAC-Y Prophy head, for CA bur (ø2.35), Latch type		C032002
TEQ-Y Prophy head, for CA bur (ø2.35), Push Button Chuck	 80° Twist	C849

MODEL	PRODUCTS	ORDER CODE
EVA-Y For Eva tips	 Vertical Reciprocating Action	C235

ENDO-MATE TC2 / ENDO-MATE DT / ENDO-MATE AT Heads

Endodontic / Prophylaxis Application Page 55

FC 1:1 Direct Drive		C873
F4R 4:1 Reduction		C872

F10R 10:1 Reduction		C398
F16R 16:1 Reduction		C871

F20R 20:1 Reduction		C399

iPexⅡ

Pages 56-57

iPexII File Clip		U1109351
iPexII Tester		U1109353

iPexII Probe		U1109352

Lip Hook		U501513

iPex

File Clip		U501512
Extension Cord		U501514

Probe		U501511

Lip Hook		U501513

VIVA ace

Pages 58-59

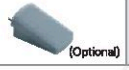
isoE-LUX	 (Optional)	Z1265
V-ace Vacuum Nozzle* 10 pcs	 (Optional)	S900070
V-ace Vacuum Hose Set		U1144074
V-ace Vacuum Bottle Set		U1146070
V-ace 3way Syringe Set		U1144040
V-ace 3way Syringe Nozzle		U1144046
V-ace Vacuum Junction Hose		U1144753

Vacuum Cap A		U1144750
Vacuum Cap B		U1144751
Hose Cap		U1144752
V-ace Water Bottle Set		U1146080
FC-76S		Z1082005
FC-70S		Z1008006
AC Cord		U439550

V-ace Shoulder Belt		U1144370
Gasket For Water Bottle		U1144729
Gasket For Vacuum Bottle		U1144636
Gasket For Vacuum Bottle		Z1137352
Filter		U1144727

VIVAMATE G5

Pages 60-61

VIVAMATE G5 230V Control unit		U1068004
VMG30EM MC VIVAMATE G5 Micromotor with Cord		E1069
FC-76M Foot Control	 (Optional)	Z1082002

Handpiece Stand		Z095206
Battery Pack		U1068052
AC Adaptor For VIVAMATE G5		U1115

AC Cord		U439550
Carrying Set For VIVAMATE G5		Y1002171

*Design is subject to change.

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Viva-Mate 3

MODEL	PRODUCTS	ORDER CODE
Viva-Mate 3 Motor Including Straight Cord		E015002

MODEL	PRODUCTS	ORDER CODE
Viva-Mate 3 Straight Cord 1.2m		E015013

MODEL	PRODUCTS	ORDER CODE
Carbon Brush Pack of 2		E023011S

VIVAsupport 2

Pages 60-61

FC-76M Foot Control	 (Optional)	Z1082002
VS Branch Tube set For Varios 370	 (Optional)	Z1125091
Battery Pack		U1068052
Junction Cable		U1089600
Disposable Saliva Ejector Pack of 10		Z1137054
VS Saliva Tube A set of Saliva Joint, Saliva Inline, and Saliva Tube		Z1137050

Saliva Tube Only tube		Z1137560
Saliva Drain Tube		Z1137401
VS Saliva Bottle Connection Tube		Z1137056
VS Saliva Bottle Set 400		Z1137002
VS Irrigation Bottle Set 400		Z1125001
VS Irrigation Pump A set of Irrigation Joint and Irrigation Pump		U1089010

VS Irrigation Tube		Z1125050
Tube Clamp Set Pack of 6		U1089058
AC Adaptor With Waterproof Rubber Sheet		U1115003
AC Cord		U439550
VS Carrying Case		U1089054
VS Tray		U1089111

Surgic Pro / Surgic Pro+

Pages 62-64

Tube Holder		E295105
Motor Cord		E1023061
Handpiece Stand		Z1029201

Irrigation Tube Pack of 5		Y1003452
Coolant Solution Hanger Post		U370152
Handle Set		Z1027001

Protection Plug		10001595
Tube Holder Pack of 7		Y900083
SG-CASE Sterilization Cassette		20001348

Surgic Pro / VarioSurg3

Page 73

SG Link Stand		Z1176

SG Link Cable		Z1189

VarioSurg3

Pages 72-73

E Tip Replacement Wrench For V10-S		Z217399
VS Tip Wrench For SG1A, SG8A CR-40		Z305350
Tip Wrench CR-30		10000977

Tips Holder		20001327
Handpiece Stand		Z1029201
Saline Solution Hanger Post		U564152

Irrigation Tube Pack of 5		Y1003452
Tube Holder Pack of 7		Y900767
VA-SG-CASE Sterilization Cassette		20001326

VarioSurg

VS-LED-HPSC Cord 2m		E1084
VA-SGN-HPSC Cord 2m		E377
E Tip Replacement Wrench		Z217399
Tip Wrench CR-30		10000977

Tips Holder		20001327
Handpiece Stand		Z1029201
FC-51 Foot Control		Z316001
Irrigation Tube Pack of 5		Y1003452

VA Bulb Pack of 3		Y900107
Tube Holder Pack of 7		Y900767
VA-SG-CASE Sterilization Cassette		20001326

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Surgic AP

Pages 66-67

MODEL	PRODUCTS	ORDER CODE
SG50MS		E290
Irrigation Tube Pack of 5		Y900197

MODEL	PRODUCTS	ORDER CODE
Irrigation Pump Pack of 2		Y1002196
Protection Plug		10001595

MODEL	PRODUCTS	ORDER CODE
Tube Holder Pack of 7		Y900083

Surgic XT Plus / LED / Surgic XT

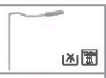
SG50 LED Micromotor with Cord		E1049001
SGL50M Micromotor with Cord		E295
SG50MS Micromotor with Cord		E290
Tube Holder		E295105
Surgic XT Plus Micromotor Cord 2 m		E295051

Surgic XT Micromotor Cord 2 m		E290051
Handpiece Stand		Z1029201
TA Bulb Pack of 3		Y900132
FC-51 Foot Control		Z272001
Coolant Solution Hanger Post		U370152

Handle Set for Foot Control		Z1027001
Protection Plug		10001595
Irrigation Tube Pack of 5		Y1003452
Tube Holder Pack of 7		Y900083

Surgical Handpieces

Pages 68-69

Internal Spray Nozzle		10000324
Nozzle Holder X-SG20L X-DSG20L, X-DSG20		20000396

Nozzle Holder For SG20		20000357
Y-Connector		C823752

Cleaning Wire		20000512

Surgical Handpieces Ti-SG20L / Ti-SG25L

Internal Spray Nozzle		C495035

Y-Connector		C823752

Surgical Handpieces SGM / SGMS / SGQ series

Page 69

SGM-I Ultra Miniature Head Latch type		C293
SGMS-I With Depth Indicator		C594
ER16i 16:1 Reduction Handpiece		C628
ER20i 20:1 Reduction Handpiece		C629
Internal Spray Nozzle For SGM, SGMS		C293025

Internal Spray Nozzle For SGQ		C823026
Internal Spray Nozzle Clamp For SGQ		C823751
Irrigation Tube Clamp		C202750
Y-Connector		C823752
Wrench for Handpiece Attachment For SGM, SGMS		Z103101

Wrench for Handpiece Attachment For SGQ		Z103118
Ruler For SGMS		Z217399
Depth Indicator (L) For SGMS		C594031
Depth Indicator (S) For SGMS		C594021

Micro Surgery Handpieces

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Spray Nozzle For SGS, SGA		H263018

Bur Stopper		Y900160

Micro Saw Handpieces

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Spray Nozzle For SGR, SGT, SGO		SH162035

Spanner 8x5		K040751

Washable in the thermodisinfector
135°C Autoclavable up to 135°C

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iSD900

Pages 76-77

MODEL	PRODUCTS	ORDER CODE
Quick Charger for iSD900		U1070001
iSD900 Motor		E1060001
iSD-HP		C1060

MODEL	PRODUCTS	ORDER CODE
Power Cord		U439550
Torque Calibrator		Z1056001
Calibration Bur		Z1057101

MODEL	PRODUCTS	ORDER CODE
On/Off Switch Lever		Z1070001
Ni-MH Rechargeable Battery Pack of 2		Y900103

* Use only a rechargeable battery, size AAA Ni-MH (Nickel Metal Hydride.) Never attempt to use a non rechargeable battery.

iCare

Pages 80-81

Maintenance Oil 1 Bottle, 1 L		Z016130
Chuck Lubrication Nozzle		Z257301

Mist Filter Set Pack of 12		Y900159
Air Filter		U508352

HP Head Filter Pack of 200		U1120118
Oil Absorber Sheet Pack of 10		U433135

Care3 Plus / Care3

Maintenance Oil 1 Bottle, 1 L		Z016117
Maintenance Oil Pack of 6 Bottles		Y900138

Oil Replenish Funnel with Filter		U433090
Oil Absorber Sheet Pack of 20		Y900186

Oil Absorber Sheet Pack of 10		U433135

Care3 Plus

Mist Filter Set Pack of 12		Y900159
Air Filter		U508352

Air Filter Element		U508353
Oil Absorber Sheet Pack of 20		Y900186

Oil Absorber Sheet Pack of 10		U433135

ULTIMATE XL / XL-D / XL-K / XL-F

Pages 84-85

UMXL-TM Motor Torque type with 1.2 m cord		E355
UMXL-CM Motor Compact type with 1.2 m cord		E356
UMXL-TM 2M Motor Torque type with 2 m cord		E355002
UMXL-CM 2M Motor Compact type with 2 m cord		E356002
UHRXL-T Attachment Torque type		H269
UHRXL-C Attachment Compact type		H271
Motor Cord T Torque type 1.2 m		E355051

Motor Cord C Compact type 1.2 m		E356051
Motor Cord T 2M Torque type 2 m		E355055
Motor Cord C 2M Compact type 2 m		E356055
FC-64 Foot Control for XL, XL-D		Z304
Handpiece Stand Wrench is not included		Z095201
Chuck-2.35A		H203A180A
Handpiece Holder For XL		Y900770

Wrench for Locking Rotation		H269751
Wrench for Adjusting Chuck		K015751
Bracket Set For XL-D, XL-K		U364090
Fuse-T1.6A		D1200116010
UMXL-TM Armature Assy		E367011
UMXL-CM Armature Assy		E368011

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ULTIMATE 500 / 500D / 500K / 500F

MODEL	PRODUCTS	ORDER CODE
UM50T Motor Handpiece Torque type		Y140562
UM50C Motor Handpiece Compact type		Y140563
UM50T 2M Motor Handpiece Torque type		Y140670
UM50C 2M Motor Handpiece Compact type		Y140671
UM50TM 2M Motor Torque type Includes 2 m cord		E113002
UM50CM 2M Motor Compact type Includes 2 m cord		E187002

MODEL	PRODUCTS	ORDER CODE
UHR50T Attachment Torque type		H165001
UHR50C Attachment Compact type		H189001
UM50TM Cord 2 m		E113055
UM50CM Cord 2 m		E187055
FC-40 Foot Control For 500, 500D		Z056

MODEL	PRODUCTS	ORDER CODE
Handpiece Stand Wrench is not included		Z095201
Chuck-2.35A		H203A180A
Handpiece Holder		Y900071
Wrench for Locking Rotation		H269751
Wrench for Adjusting Chuck		K015751

ULTIMATE 450 / 450K / 450F

UM45C Motor handpiece for UM450 Includes 2 m Cord and 2 different Wrenches		Y141266
UM45CM Motor for UM450 Includes 2 m cord		E187005
UHR45C Attachment for UM450		H203002
UM45CM Cord 2 m		E187061

FC-40 Foot Control For 450		Z056
Handpiece Stand Wrench is not included		Z095201
Chuck-2.35A		H203A180A
Handpiece Holder		Y900071

Wrench for Locking Rotation		H269751
Wrench for Adjusting Chuck		K015751
Bracket Set For 450K		U364090

VOLVERE i7

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GX35RM-B & SCD Motor + cord		E1179
GX35EM-B & SCD E-type motor + cord		E1180
UHR45C Handpiece for GX36RM-B		H203002

VR-EB E-Type Handpiece		H1062
Carbon Brush For GX35RM-B, GX35EM-B Pack of 2		E023011S
Chuck-2.35A		H203A180A

FC-76 Foot Control		Z1082
Handpiece Stand		Z095206
Wrench for Adjusting Chuck		K015751

VOLVERE Vmax

GX35RM & SCD Standard Micromotor with Cord for UHR35		E205
GX35EM & SCD E-Type Micromotor with Cord for VR-E		E054
GX35RM Standard Micromotor for UHR35		E205015
GX35EM E-Type Micromotor for VR-E		E054015
UHR35 Handpiece		H214

VR-E E-Type Handpiece		H178
Carbon Brush for GX35M, GX35EM Pack of 2		E023011S
Chuck-2.35A		H203A180A
Handpiece Stand		Z095201
Handpiece Holder		Y900140

FC-40 Foot Control		Z056
Vmax35SCD Straight Cord		E257012
Vmax35CCD Coiled Cord		E257013
Wrench for Adjusting Chuck		K015751

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MIO

MODEL	PRODUCTS	ORDER CODE
MIO MR UM50 Motor handpiece		Y140802
MIO-35EM & SCD E-Type Micromotor with Cord		E236
MIO-35M Micromotor		E235015
MR Handpiece		H203

MODEL	PRODUCTS	ORDER CODE
MIO-35EM E-Type Micromotor		E236015
MIO-35SCD Cord		E235012
VR-E E-Type Handpiece		H178
Chuck-2.35A		H203A180A

MODEL	PRODUCTS	ORDER CODE
Handpiece Stand		Z010133
Carbon Brush For MIO-35M, MIO-36EM		E194060
FC-11 Foot Control (ON, OFF)		Z154002

PRESTO II

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PRESTO II Unit		Z307015
PR-HP PRESTO Handpiece Includes 2 m hose		T815
AFC-40 Foot Control		Z127
Handpiece Stand		Z010134

PR-03 PRESTO Cartridge		T815016
Chuck		T815019
Hose for PRESTO 2 m		T815220
Secondary Hose for PRESTO 2 m		Z101240

LAB Spanner Wrench		H005751
Chuck Wrench		C034751
Bur-inserting Tool		T815030

PRESTO AQUA LUX

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PRESTO AQUA LUX Control Unit		Z1038A002
PRA-LUX-HP PRESTO AQUA LUX Handpiece		T1002
PR-AQL Hose Coupling Hose		Z1050

PR-AQL03 PRESTO AQUA LUX Cartridge		T1002250
Handpiece Stand		Z095206
AC Adaptor PR-AQL		U1044

PRESTO AQUA LUX Cord		U439550
PTL O-ring Set Pack of 5		Y900580

PRESTO AQUA II

Page 87

PRESTO AQUA II Unit		Z308015
PRA-HP PRESTO AQUA Handpiece		T816

Hose for PRESTO AQUA II		Z308050
QD-J B3 Coupling		T354051

PR-AQ03 PRESTO AQUA Cartridge		T816016

PRESTO AQUA LUX / PRESTO AQUA II

Page 87

Bottle Gasket		U379112
Chuck		T815019
AFC-40 Foot Control		Z127
Secondary Hose for PRESTO 2 m		Z101240
Water Filter Set 2 water supply tube, water filter, water filter case		U387040

Water Filter with Case		Y900069
Water Filter		U387042
Tube Ring Pack of 2		Y900077
PRA II Bottle Set		Z308040
PRA II Bottle Lid		Z308041

PRA II Bottle		Z308601
PRA II Bottle O-ring set Pack of 2		Y900327
Bracket Set		Z308060
Chuck Wrench		C034751
Bur-inserting Tool		T815030

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Operation and Daily Maintenance Guide
NSK High Speed Air Turbine

INSTALLATION



Air Pressure:
DO NOT exceed 3.0kg/cm² = 3.0bar ≒ 0.30MPa

⚠ May vary from model / brand

Remove moisture in the air
- Always drain water from the air compressor.

Remove dust in the air
- Always use an air filter in the air hose.

AIR GAUGE
ONE STOP SOLUTION



SG-4H for M4 Type
SG-2/3H for B2 Type

OPERATION



for Torque/Standard head



for Miniature head

➡ **Insert the bur all the way into the chuck until it stops.**



Use a **FRESH BUR**. Do not use a bent, worn or damaged bur.



For wrench type chuck, do not fasten the knob too tightly.



Do not overload. Observe a **"Feather Touch Cutting Method"** for effective excavation.

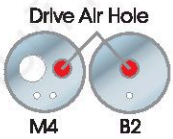


LUBRICATION



- **Use only a Special Oil Spray** designed for air turbine handpieces, such as NSK's Pana Spray Plus.





- **For Coupling Type,** use **NSK's SPRAY NOZZLE** enclosed in the set box. For M4/B2 Type, blow the spray from the Drive Air Hole.
- Spray for 2-3 seconds until the oil comes out from the head. Repeat if the oil contains colored particles.



At least **TWICE A DAY,** and **EVERYTIME BEFORE AUTOCLAVING.**
(After morning session and evening session)

iCare
ONE STOP SOLUTION

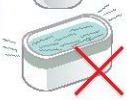




STERILIZATION



Never use any chemical solution for sterilization.



Never use ultrasonic bath.



Brush off excess dirt and wipe clean with alcohol soaked cloth.

For Autoclaving :



- Spray lubricate every time prior to autoclaving.



- Put the handpiece into a pouch and seal it completely.
- Autoclave for 20min. at 121°C, or 15min. at 132°C.

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Say NO! to Counterfeit

支持正版，请不要购买仿制品



...and even NSK copy product with similar packaging!

Beware of fake NSK products imported by third parties.
Please contact local authorized agent and its reliable sub-dealers for genuine NSK products with full after-sales services.

www.nsk-dental.com

YES! All NSK products are MADE IN JAPAN

* FLASH pearl and Perio-Mate powder are made in Germany / Osseo 100 is made in Sweden
* As of date of printing this catalogue

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*Specifications are subject to change without notice.
*Please read the Operation Manual carefully before use, and file for future reference.
*This world catalogue is prepared to exhibit major products. The product is subject to the approval by the authority, and we suggest to check the product availability with your local distributor.

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NSK

PROFESSIONAL PRODUCTS 2020/21

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