



Ti-Max S970 series



EC REP

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Performance & Versatility

Ti-Max S970 series

Performance and Versatility

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



NSK LED technology delivers natural daylight

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



Stable

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

Durable

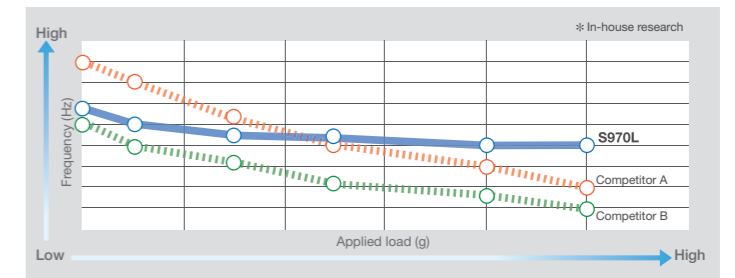
LED light sources are longer lasting and more durable than halogen bulbs.

Clearer

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

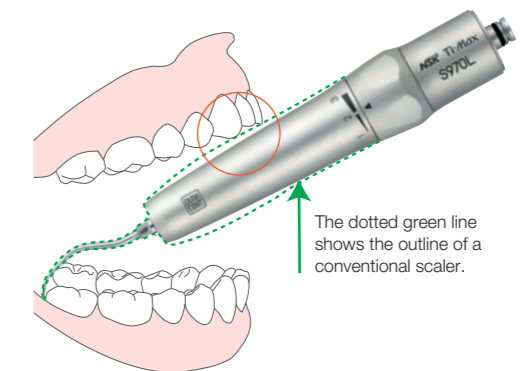
Stable Power Output

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



Excellent Visibility

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



The dotted green line shows the outline of a conventional scaler.

Ti-Max S970 series

Smooth and Easy Power Control Ring

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



- Always start out with lower power setting and then adjust to higher setting if necessary.
- Incorrect operation may cause tip breakage even if tip is used within the recommended power range. Consult the operating manual before use.

APPLICATIONS	TIPS	POWER RING SETTING		
		1	2	3
Scaling	S1, S2, S3	←→		
Perio	S10, S20, S21R, S21L	←→		
Maintenance	S35+V-Tip (V-P10, V-P11R, V-P11L, V-P12)	←→		
Restorative	S65D, S66D, S67D, S68D, S71D, S72D	←→		
	S81D, S82D, S83D, S86D	←→		
	S75+V-Tip (V-G70, V-G71, V-G72, V-G75, V-G76)	←→		
	S75+V-Tip (V-G77, V-G78, V-G79)	←→		
	S75+V-Tip (V-S1, V-S3, V-S33)	←→		
Endodontics	S75+V-Tip (V-U15-V-U35)	←→		
	S75+V-Tip (V-N50, V-N51)	←→		

Solid Titanium Body

Titanium is 30% lighter than stainless steel, more durable and corrosion resistant. The reduced weight and well balanced shape gives an unmatched tactile sense.

NSK DURACOAT



DURACOAT, NSK's latest surface enhancement technology, takes advantage of the non allergic and biocompatible properties of titanium to further improve durability. DURACOAT creates a smooth, scratch resistant surface which with maximum comfort dental professional.



Cellular Glass Optics

The handpiece uses a glass optic rod to efficiently transmit light. Emitting light at a level of 32,000LUX, the handpiece allows treatment to be carried out stress free by illuminating the entire operative field. The cellular rod also displays remarkable durability and will not deteriorate from repeated autoclave sterilisation.



A Tip range to suit your needs

Select from a wide range of tips to meet your clinical requirements and benefit from new treatment options.

Scaling

Perio

Maintenance Perio-Control

Restorative (For Minimal Intervention)

Restorative (For Minimal Intervention)

Restorative (For Preparation of crown cores)

Restorative (For Minimal Intervention)

Restorative (For Finishing / Trimming / Polishing)







Restorative (For Caries Removal)

Endodontics

Scaling

NSK Scaling Tips are designed for initial periodontal treatment and are mainly used for supragingival scaling. Tips are designed for the removal of supragingival calculus, interdental calculus and calculus at the neck of the tooth.











- | | | | |
|---|--|----------|--------------------|
|  |  | MODEL S1 | ORDER CODE Z252411 |
| | | | • Universal Type |
|  |  | MODEL S2 | ORDER CODE Z252413 |
| | | | • Sickle Type |
|  |  | MODEL S3 | ORDER CODE Z252412 |
| | | | • Perio Type |

Perio

NSK Perio Tips are extremely slim and designed to provide the best possible access in the furcation of the roots for root planning and maintenance (breaking up biofilm).



- | | | | |
|---|--|------------|------------------------------------|
|  |  | MODEL S10 | ORDER CODE Z252420 |
| (From above) | | | • Universal Type Slim Line |
|  |  | MODEL S20 | ORDER CODE Z252441 |
| (From above) | | | • Root Planning (Straight tip) |
|  |  | MODEL S21R | ORDER CODE Z252442 |
| (From above) | | | • Root Planning (Right curved tip) |
|  |  | MODEL S21L | ORDER CODE Z252443 |
| (From above) | | | • Root Planning (Left curved tip) |

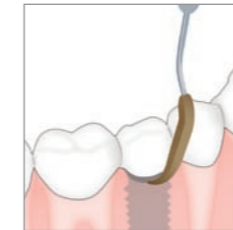
Maintenance

Perio-Control



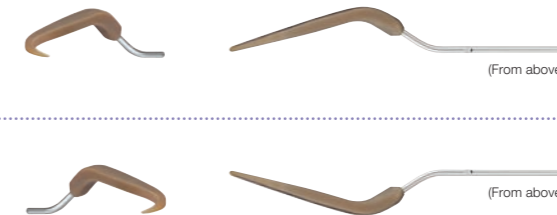
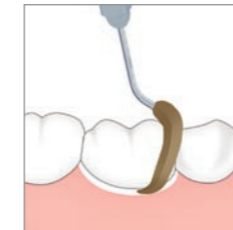
- MODEL S35 ORDER CODE Z252015
- Includes E-Tip replacement wrench
 - Plastic Tip is not included

For the maintenance of prostheses, implants and restorations. These tips are made from a special material which will not damage implant surfaces and restorative materials.



- MODEL V-P10 ORDER CODE Y900184
- Pack of 3 *S35 holder is not included
- MODEL V-P12 ORDER CODE Y1002167
- Pack of 3 *S35 holder is not included

V-P11R/L left and right are double bent tips. These tips are extra-long to allow easier access to difficult to reach areas and to avoid interference with neighbouring teeth or contours. The shapes were derived looking at different tooth morphologies making them versatile tips for all teeth.



- MODEL V-P11R ORDER CODE Y1002165
- Right curved type • Pack of 3
 - *S35 holder is not included
- MODEL V-P11L ORDER CODE Y1002166
- Left curved type • Pack of 3
 - *S35 holder is not included



MODEL Perio-Control Tips ORDER CODE Y1002754
Air Scaler Kit

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



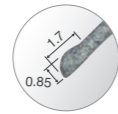
Washable in the thermoisinfector



Autoclavable up to 135°C

Restorative (For Minimal Intervention)

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



MODEL S65D ORDER CODE Z252465
• Diamond coated



MODEL S66D ORDER CODE Z252466
• Diamond coated

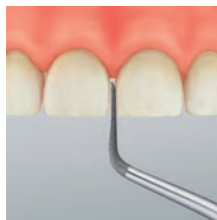


MODEL S67D ORDER CODE Z252467
• Diamond coated



MODEL S68D ORDER CODE Z252468
• Diamond coated

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



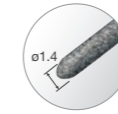
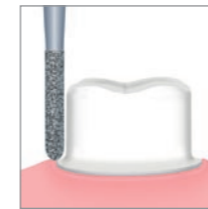
MODEL S71D ORDER CODE Z252471
• Diamond coated



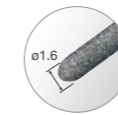
MODEL S72D ORDER CODE Z252472
• Diamond coated

Restorative (For Preparation of crown cores)

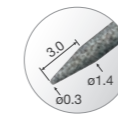
The tips can be used for finishing margins after prepping the area with a conventional dental bur. That enables you to finish minute sharp edges and gingival sulcus without damage, something that cannot be accomplished with rotary instruments alone. Three types of tips are available for deep chamfer,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



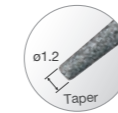
MODEL S81D ORDER CODE Z252469
• Diamond coated



MODEL S82D ORDER CODE Z252462
• Diamond coated



MODEL S83D ORDER CODE Z252461
• Diamond coated



MODEL S86D ORDER CODE Z252460
• Diamond coated



V-TIP SYSTEM



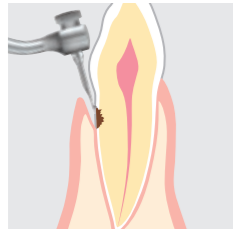
NSK V-Tip system is innovative, multi-functional and economical. The V-Tip holder is a separate component to the actual cutting tips and can be easily and inexpensively replaced. NSK V-Tip holder system offers the flexibility and expandability to meet the wide requirements for multi-purpose clinical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



MODEL **S75** ORDER CODE **Z252035**
 • Includes E-Tip replacement wrench

Restorative (For Minimal Intervention)

This compact system is ideal for difficult to access areas and for operating sites where a rotary instrument cannot reach. A variety of tips are available for caries removal and tooth surface detailing.



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

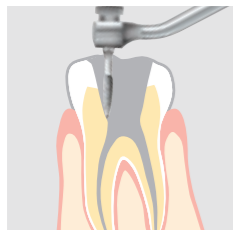
MODEL **V-G75** ORDER CODE **Y900121**
 • Diamond coated • Pack of 3

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

Restorative (For Finishing / Trimming / Polishing)

For locating root canals and removal of calcifications.



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

Restorative (For Caries Removal)

These tips with their sharp flutes are designed for the removal of softened dentin. When the tip touches sound dentin the sound changes noticeably which allows the clinician to work selectively. Irrigation helps maintain a clean operating site at all times.



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

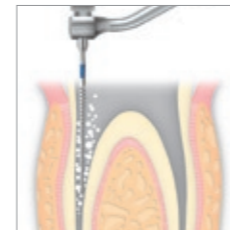
MODEL **V-S3** ORDER CODE **Y900162**
 • Stainless Tip • Pack of 3

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

Endodontics

NSK offers Endodontic files and tips to achieve quick and effective root canal irrigation.



MODEL **V-U15** ORDER CODE **Y900177**
 • V-file Irrigation 23mm #15 • ISO15 • Pack of 6

MODEL **V-U20** ORDER CODE **Y900178**
 • V-file Irrigation 23mm #20 • ISO20 • Pack of 6

MODEL **V-U25** ORDER CODE **Y900179**
 • V-file Irrigation 23mm #25 • ISO25 • Pack of 6

MODEL **V-U30** ORDER CODE **Y900180**
 • V-file Irrigation 23mm #30 • ISO30 • Pack of 6

MODEL **V-U35** ORDER CODE **Y900181**
 • V-file Irrigation 23mm #35 • ISO35 • Pack of 6

MODEL **V-N50** ORDER CODE **Y900182**
 • Ni-Ti Irrigation 17mm • Pack of 3

MODEL **V-N51** ORDER CODE **Y900183**
 • Ni-Ti Irrigation 21mm • Pack of 3



Washable in the thermodisinfectant



Autoclavable up to 135°C

Ti-Max S970 series

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

Connect to NSK Couplings



Connect Direct to KaVo®, Sirona® Couplings



Accessories

MODEL	PRODUCTS	ORDER CODE
CR-20 Tip wrench with torque limiter		Z1090001
E Tip Replacement Wrench		Z217399
Tip Holder		Z252080
Tip Cover L		Z217850
Tip Cover S		Z217851

MODEL	PRODUCTS	ORDER CODE
S970 O-ring Set	 Pack of 4	Y1001953
Phatelus Spray Nozzle For High speed attachments and air motors which attach to Phatelus and Mach Couplings		P183090
KV Nozzle For KaVo® MULTiflex® LUX		Z090051
SR Nozzle For Sirona® Quick Coupling		Z090052

