

NSK

# ORAL SURGERY

Surgic Pro / Surgical Handpieces / VarioSurg / iSD900



CREATE IT.



# INDEX

<u>Surgical Micromotor System</u>	P. 2-11	Surgic Pro / Surgic Pro+
<u>Surgical Handpieces</u>	P. 12-14	Ti-Max / S-Max
	P. 15	Surgical Handpieces
<u>Ultrasonic Surgical System</u>	P. 16-23	VarioSurg
<u>Ultrasonic Surgical Tips</u>	P. 24-29	VarioSurg tips
<u>Cordless Prosthodontic Screwdriver</u>	P. 30-31	iSD900
<u>Spare Parts</u>	P. 32	Spare Parts



# Surgic Pro

Power, Safety & Accuracy,  
No compromise

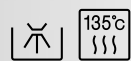


# Surgic Pro

Micromotor **Optic / Non-Optic**

## Brighter and Lighter – That’s Clear Evolution Surgic Pro micromotor with LED

- Powerful torque (up to 80 Ncm)
- Wide speed range (200 to 40,000 min<sup>-1</sup>)
- High torque accuracy
- Light and small micromotor
- LED illumination (over 32,000 LUX)
- Excellent durability
- Autoclavable, thermo-disinfectable and maintenance free brushless design



### Shorter and Lighter than the conventional optic surgical micromotor

This new surgical micromotor is 16.2 mm shorter and weighs 42 g less compared to the conventional optic surgical micromotor.



### LED illumination helps the clinicians to focus more easily on the treatment area and contributes to precise surgery

- Clearer** : LEDs generate natural daylight quality light which gives clearer vision when compared to halogen light.
- Durable** : LED light sources are longer lasting and more durable than halogen bulbs.



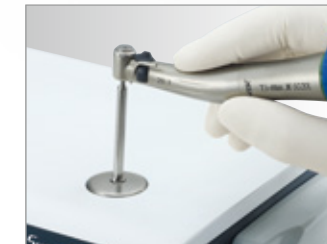
**Optic** MODEL: **SGL70M** ORDER CODE: **E1023**  
**Non-Optic** MODEL: **SG70M** ORDER CODE: **E1025**

- Solid titanium body • with 2 m cord

# Surgic Pro Control Unit

The right choice for all professionals

All necessary functions for oral surgery procedures and implantology in once stylish and compact unit.



## Control Unit with Advanced Handpiece Calibration – High Torque Accuracy Guaranteed

Use NSK Surgic Pro Advanced Handpiece Calibration to calibrate micromotor and handpiece to the rotational resistance of each individual handpiece prior to operation. Advanced Handpiece Calibration guarantees accurate torque for safety during operation.

Surgical Micromotor System

## Large Illuminated LCD

Large backlight LCD ensures clear visibility of all treatment parameters at all times.



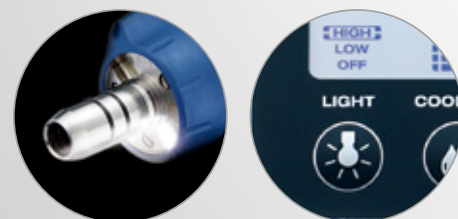
## Slim High Performance Pump

NSK has designed a slim high performance irrigation pump. The pump is easily accessible and user friendly.



## Adjustable Light Intensity

3 levels of light intensity can easily be adjusted by the user (High/Low/Off) to suit treatment conditions.



## Surgic Pro Series can memorize 8 different Implant Systems

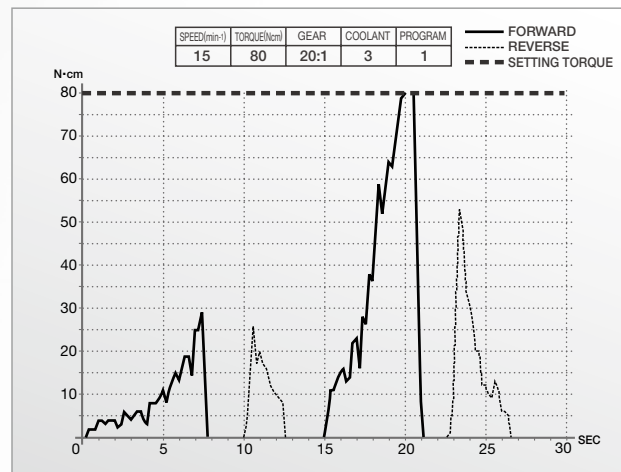
Within each System you can program 8 different settings. Please refer to implant manufacturers guidelines for recommended settings.

# Surgic Pro<sup>+</sup> with data storage facility

The data storage facility can record the following: date, speed, rotational direction, torque, gear ratio, irrigation solution flow setting. The total recording time is up to 100 min and every recording captures date, time and duration of operation.

## No Special Software Required

You do not need to install any specific software as the data can be displayed with general-use software which can display csv or bitmap files.



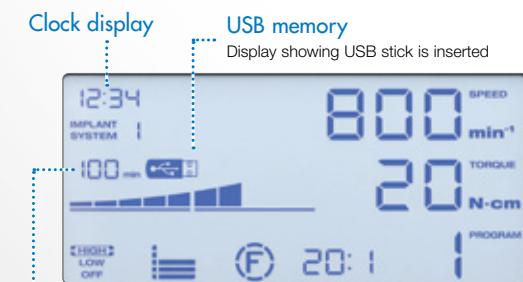
## Data Accessibility

Treatment data can be accessed and downloaded using a USB memory stick.  
\*USB memory stick isn't included.



## Display Permanently Showing Memory Status

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



Memory time  
Display showing remaining recording time

# Surgic Pro<sup>+</sup> Complete Set **Optic** with data storage facility



X-SG20L Optic Handpiece

## Surgic Pro+ Complete Set

with X-SG20L Optic Handpiece **Optic** MODEL: **Surgic Pro+ OPT(120V)** ORDER CODE: **Y1001948**

### Contents

- Control Unit with data storage facility
- SGL70M LED Micromotor
- FC-78 Foot Control
- X-SG20L Optic Handpiece (20:1 Reduction)
- Irrigation tube (5 pcs.) and other accessories

### Specifications

<b>Control Unit with Advanced Handpiece Calibration</b> <ul style="list-style-type: none"> <li>• Power Supply : AC 120V 50/60 Hz</li> <li>• Max. Pump Output : 75 mL/min</li> <li>• Programs : 8 Programs / Implant Systems</li> <li>• Dimensions : W265 x D220 x H100 (mm)</li> <li>• USB I/F : 1 port</li> <li>• Built in Memory : 100 min</li> </ul>	<b>Micromotor</b> <ul style="list-style-type: none"> <li>• Torque : 5-80 Ncm</li> <li>• Motor Speed : 200-40,000 min<sup>-1</sup></li> <li>• Light Power : over 32,000 LUX (LED Micromotor)</li> </ul>	<b>Foot Control</b> <ul style="list-style-type: none"> <li>• Foot Control Functions : Program Button, Speed Control Pedal, Coolant Solution Flow Volume Button, Forward / Reverse Button</li> </ul>
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# Surgic Pro Complete Sets **Optic** / Non-Optic



## Surgic Pro Complete Set with X-SG20L Optic Handpiece **Optic** MODEL: **Surgic Pro OPT(120V)** ORDER CODE: **Y1001949**

### 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

## Surgic Pro Complete Set with SG20 Handpiece **Non-Optic** MODEL: **Surgic Pro NON-OPT(120V)** ORDER CODE: **Y1001950**

### 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

<b>Control Unit with Advanced Handpiece Calibration</b> <ul style="list-style-type: none"> <li>• Power Supply : AC 120V 50/60 Hz</li> <li>• Max. Pump Output : 75 mL/min</li> <li>• Programs : 8 Programs / Implant Systems</li> <li>• Dimensions : W265 x D220 x H100 (mm)</li> </ul>	<b>Micromotor</b> <ul style="list-style-type: none"> <li>• Torque : 5-80 Ncm</li> <li>• Motor Speed : 200~40,000 min<sup>-1</sup></li> <li>• Light Power : over 32,000 LUX (LED Micromotor)</li> </ul>	<b>Foot Control</b> <ul style="list-style-type: none"> <li>• Foot Control Functions : Program Button, Speed Control Pedal, Coolant Solution Flow Volume Button, Forward / Reverse Button</li> </ul>
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## Foot Control

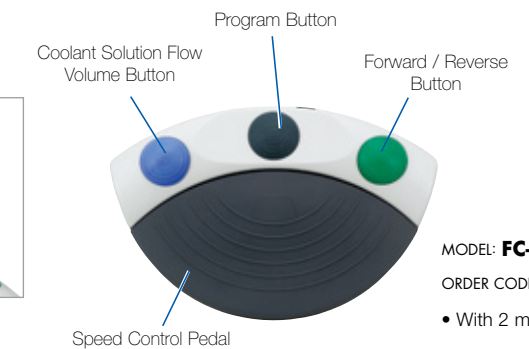
### Stay in control

The Foot Control is user friendly and allows operation of all functions within the preset parameters without touching the control panel to avoid accidental activation of the micromotor outside the preset limits. The Surgic Pro/Surgic Pro+ is certificated according to IPX8.

### Handle Set (Optional)

Handle Set can be easily attached to Foot control (FC-78).

MODEL: **Handle Set**  
ORDER CODE: **Z1027001**



MODEL: **FC-78**  
ORDER CODE: **Z1102001**  
• With 2 m cord

## Carrying Case (Optional)

The NSK Carrying Case can accommodate all Surgic Pro components.



MODEL: **Carrying Case (Surgic Pro)** ORDER CODE: **Y1001952**  
• Dimensions : W534 x D427 x H207 (mm)

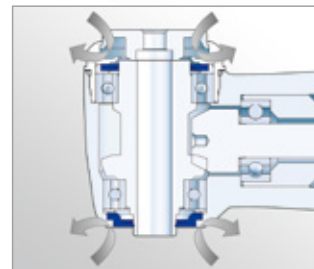
# Surgical Handpieces

## High Torque Dismantling Surgical Handpieces 80 Ncm

The Ti-Max X-DSG20L implant handpieces offers extraordinary durability and reliability that specialist clinicians can completely rely on. X-DSG20L is easy to dismantle without any tools for easy cleaning and maintenance. Also it offers constant torque and maximal efficiency to transmit with very minimal loss and stands up to 80 Ncm torque without any problem.

### Easy to Disassemble Without Tool

The X-DSG20 handpiece can be disassembled with a simple twist for easy internal cleaning. However, when attached to a motor, it will not disassemble accidentally due to NSK's unique locking mechanism.



### 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.

## Ti-Max X-DSG20L

Dismantling Surgical Handpiece



**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
  - Push Button Chuck
  - External and internal cooling (Kirschner and Meyer)
  - Double Sealing System
  - Max. Torque : 80 Ncm
  - Max. Speed : 2,000 min<sup>-1</sup>

## 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
  - External and internal cooling (Kirschner and Meyer)
  - Double Sealing System
  - Max. Torque : 80 Ncm
  - Max. Speed : 2,000 min<sup>-1</sup>

## S-Max SG20



**Non-Optic** MODEL: **SG20** ORDER CODE: **C1010**

- 20:1 Reduction**
- Stainless Steel Body
  - Push Button Chuck
  - External and internal cooling (Kirschner and Meyer)
  - Double Sealing System
  - Max. Torque : 80 Ncm
  - Max. Speed : 2,000 min<sup>-1</sup>

■ This handpiece is used only for the NSK Surgical Unit with torque calibration. (eg. Surgic Pro series)



Can be use up to 80 Ncm



Washable in the thermodisinfectant



Autoclavable up to 135°C



# Ti-Max X-SG93L



Triple Spray



- 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 • For FG burs (ø1.6) • External cooling
  - Max. Speed : 120,000 min<sup>-1</sup>

# 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<sup>-1</sup>

# Surgical Handpieces



Straight Handpieces



- MODEL: **SGS-ES** ORDER CODE: **H264**
- 1:1 Direct Drive** • For surgical burs (ø2.35)
  - Twist chuck • Max. Speed : 40,000 min<sup>-1</sup>



- MODEL: **SGS-E2S** ORDER CODE: **H266**
- 1:2 Increasing** • For surgical burs (ø2.35)
  - Twist chuck • Max. Speed : 80,000 min<sup>-1</sup>

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<sup>-1</sup>



- MODEL: **SGA-E2S** ORDER CODE: **H265**
- 1:2 Increasing** • For surgical burs (ø2.35)
  - Twist chuck • Max. Speed : 80,000 min<sup>-1</sup>



# *Variosurg*

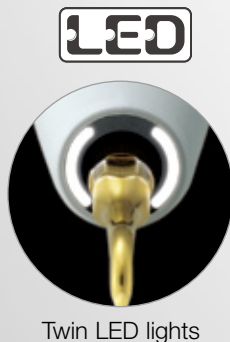
Non stop evolution

# VarioSurg Handpieces **Optic**

A Powerful Ultrasonic Surgical System with LED

## Applications

- Bone Surgery
- Scraper
- Extraction
- Sinus Lift
- Sinus Membrane
- Implant Preparation
- Scaling
- Perio (Root Planing)
- Retrograde Endo
- Maintenance



**NSK's twin LEDs deliver natural daylight-quality illumination, and significant advantages to the way you work**

- Clearer** : LEDs generate natural daylight-quality light, which ensures clearer vision than halogen light sources.
- Durable** : LED light sources are longer lasting and more durable than halogen bulbs.

## Comfortable Grip Handpiece

The superior ergonomics of the VarioSurg handpiece, including its slim and lightweight body, ensure minimal hand fatigue and greater accessibility to difficult to reach areas. The twin LEDs integrated in the handpiece produce outstanding visibility, leading to safer and more precise treatments. Advanced ultrasonics produce oscillation at the handpiece tip that eliminates heat at the operation site, allowing for minimally invasive procedures.

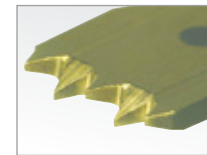
## Shorter, Lighter Handpiece

VarioSurg's slim LED-equipped handpiece gives you extraordinary accessibility and visibility during procedures, and its ergonomic shape and fine balance are designed to minimize hand and finger fatigue even during extended use.



## Tips - Products of NSK's Meticulous Manufacturing

We maximize the sharpness of our tips through three-dimensional cutting (toothing) of the blade's edge.



**Optic** MODEL: **VS-LED-HPSC** ORDER CODE: **E1084**  
• with 2 m cord

Washable in the thermoisinfector  
Autoclavable up to 135°C



# VarioSurg Control Unit

## The Advanced Ultrasonic Technology of NSK

VarioSurg is equipped with various advanced functions of ultrasonic bone surgery through its specially-made engine. The Feedback & Auto Tuning Function achieve high cutting efficiency through the automatic power control to exacting levels according to grinding surface.

The Burst Function generates the “hammer effect”, which adds more powerful vibration to the vibrating tip, thus improving the ability to cut hard tissue.

### Advantages

**Power:** superior cutting capability shortens treatment time

**Minimally invasive:** eliminates heat generation during bone dissection

**Safe:** avoids damage to soft tissue even during accidental contact

**Precision:** cavitations effect of irrigation solution keeps surgical site blood free

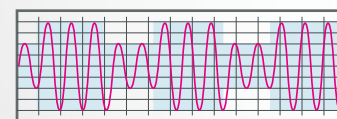
### Main Features

- 3 Modes (SURG, ENDO, PERIO)
- Burst Mode
- 9 Programs (SURG x 5, ENDO x 2, PERIO x 2)
- Automatic Cleaning Mode
- Feedback Function
- Auto Tuning Function

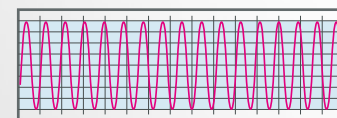
### Burst Mode

Burst Mode creates a hammer drill effect promoting cutting of the hardest tissues. Superior cutting capability of the burst mode facilitates cutting of hard tissue without stress, and effectively shortens treatment time.

#### Burst mode



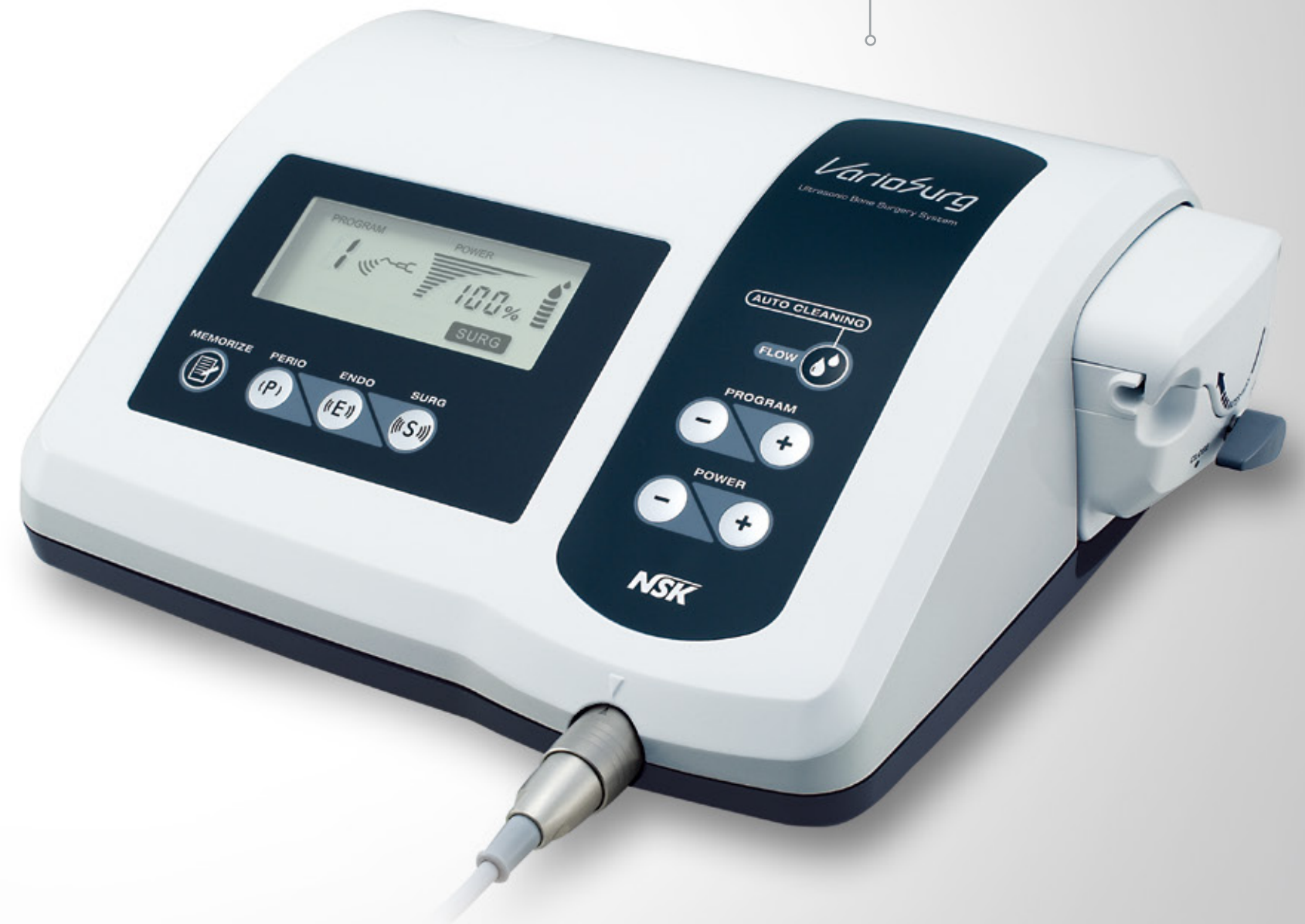
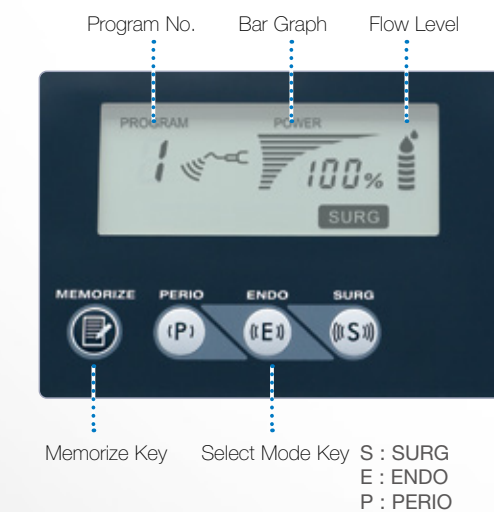
#### Continuous vibration mode



### Feedback Function

The Feedback Function constantly monitors the performance parameters of the ultrasonic unit during operation and simultaneously controls the power output, to optimize the level of power depending on the procedure.

### Simple, intuitive graphic operation panel



# VarioSurg Complete Set **Optic**

## VarioSurg Complete Set with LED Handpiece

MODEL: **VSRG OPT** ORDER CODE: **Y1001928**

### Contents

- Control Unit
- LED Handpiece with 2 m cord
- FC-51 Foot Control
- Sterilization Cassette
- Handpiece Stand
- Irrigation tube (5 pcs.) and other accessories
- Basic-S Kit (SG1, SG3, SG5, SG6D, SG7D, SG11 and Tip holder)

### Specifications

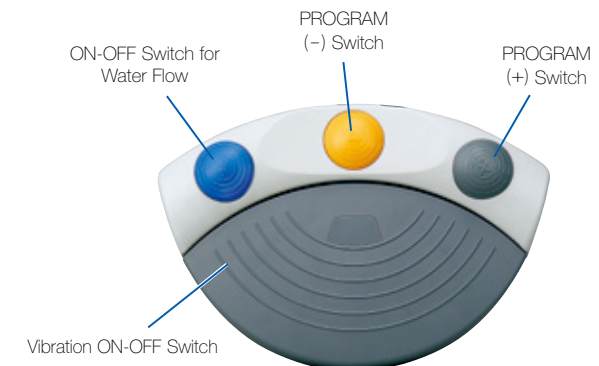
<b>Control Unit</b> • Frequency : 28-32 kHz • Power Supply : AC 120V 50/60 Hz • Irrigation Flow Rate : 9-90 mL / min • Programs : SURG x 5, ENDO x 2, PERIO x 2 • Dimensions : W268 x D230 x H103 (mm)	<b>Foot Control</b> • Foot Control Functions : ON-OFF Switch for Water Flow, PROGRAM (+) Switch, PROGRAM (-) Switch Vibration ON-OFF Switch
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## Foot Control

### Hands-free Program Adjustments Via Foot Control

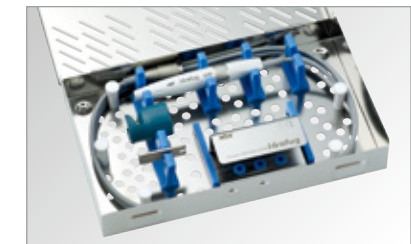
The VarioSurg Foot Control, which meets IPX8 Standards for medical foot control systems, allows perfect control during delicate surgical procedures. A bracket enables the Foot Control to be easily raised or moved without using your hands during use.



MODEL: **FC-51** ORDER CODE: **Z316001**  
 • With 2 m cord

## Sterilization Cassette

The Sterilization Cassette is designed for the safe processing and storage of VarioSurg components.



MODEL: **VA-SG-CASE** ORDER CODE: **20001326**  
 • Dimensions : W281 x D171.5 x H47 (mm)  
 • With appropriate compartments for handpiece, cord, tip replacement wrench and tip holders

## Carrying Case (Optional)









The NSK Carrying Case can accommodate all VarioSurg components.

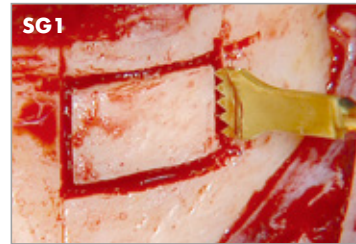


MODEL: **Carrying Case (VarioSurg)** ORDER CODE: **Y1001907**  
 • Dimensions : W534 x D427 x H207 (mm)



## Bone Surgery (Oral Surgery)

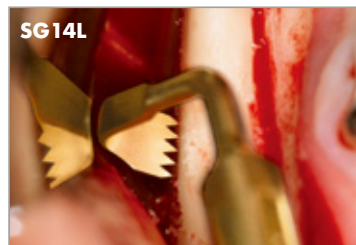
	MODEL: <b>SG1</b> ORDER CODE: <b>Z305101</b> • TiN coated • Dots mark 3, 6 and 9 mm from top of tip • Five teeth; 0.6 mm thick
	MODEL: <b>SG1A</b> ORDER CODE: <b>Z305138</b> • TiN coated • Dots mark 3, 6, 9, 12 and 15 mm from top of tip • Five teeth; 0.6 mm thick
	MODEL: <b>SG2R</b> ORDER CODE: <b>Z305102</b> • TiN coated • Right curved tip* • Three teeth; 0.6 mm thick
	MODEL: <b>SG2L</b> ORDER CODE: <b>Z305103</b> • TiN coated • Left curved tip* • Three teeth; 0.6 mm thick
	MODEL: <b>SG8</b> ORDER CODE: <b>Z305109</b> • TiN coated • Dots mark 3, 6 and 9 mm from top of tip • Three teeth; 0.6 mm thick
	MODEL: <b>SG8A</b> ORDER CODE: <b>Z305139</b> • TiN coated • Dots mark 3, 6, 9, 12 and 15 mm from top of tip • Three teeth; 0.6 mm thick
	MODEL: <b>SG14R</b> ORDER CODE: <b>Z305122</b> • TiN coated • Right curved tip* • Five teeth; 0.6 mm thick
	MODEL: <b>SG14L</b> ORDER CODE: <b>Z305123</b> • TiN coated • Left curved tip* • Five teeth; 0.6 mm thick
	MODEL: <b>SG19</b> ORDER CODE: <b>Z305135</b> • TiN coated • Dot mark 3 mm from top of tip • Five teeth; 0.8 mm thick



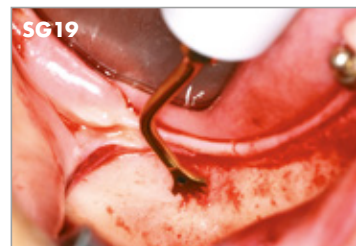
Unilateral anterior mandibular sampling



Excision of bone torus





Anterior mandibular harvesting



Mandibular harvesting at approach stage

## Bone Surgery (Oral Surgery)

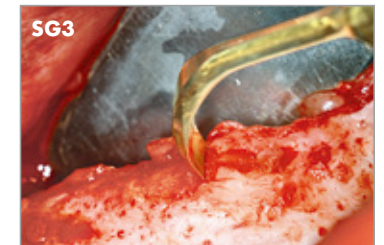
	MODEL: <b>SG30</b> ORDER CODE: <b>Z305137</b> • TiN coated • Sharp edge • 0.5 mm thick
	MODEL: <b>SG58</b> ORDER CODE: <b>Z305141</b> • Dots mark 3, 6 and 9 mm from top of tip • TiN coated • Three teeth; 0.6 mm thick



The cutting part is bone torus



## Scraper (Oral Surgery)

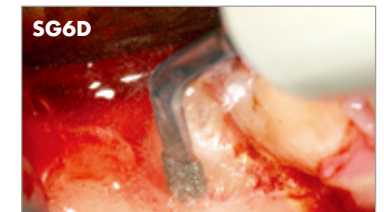
	MODEL: <b>SG3</b> ORDER CODE: <b>Z305104</b> • TiN coated • Triple sided edge spatula tip
	MODEL: <b>SG4</b> ORDER CODE: <b>Z305105</b> • TiN coated • Edge spatula tip
	MODEL: <b>SG5</b> ORDER CODE: <b>Z305106</b> • TiN coated • Rounded edge spatula tip



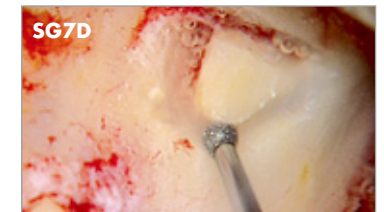
Osteoplasties

## Sinus Lift (Oral Surgery)

	MODEL: <b>SG6D</b> ORDER CODE: <b>A1013839</b> • Single use • Diamond coated
	MODEL: <b>SG7D</b> ORDER CODE: <b>A1013840</b> • Single use • Diamond coated



Avulsion of wisdom teeth and impacted teeth



Sinus graft



## Extraction (Oral Surgery)



MODEL: **SG17** ORDER CODE: **Z305132**  
 • TiN coated • 0.7 mm thick



MODEL: **SG18R** ORDER CODE: **Z305133**  
 • TiN coated • Right angled tip\*  
 • 0.7 mm thick



MODEL: **SG18L** ORDER CODE: **Z305134**  
 • TiN coated • Left angled tip\*  
 • 0.7 mm thick



Extraction

## Sinus Membrane Detachment (Oral Surgery)



MODEL: **SG9** ORDER CODE: **Z305110**  
 • Flat circular convex elevator • Angled at 90°



MODEL: **SG10** ORDER CODE: **Z305111**  
 • Flat circular convex elevator • Angled at 135°



MODEL: **SG11** ORDER CODE: **Z305112**  
 • Cone compressor



Sinus membrane



Sinus graft

## Implant Preparation (Oral Surgery)



MODEL: **SG15A** ORDER CODE: **A1013841**  
 • Single use • Diamond coated  
 • Diameter of the tip end; 0.7 mm



MODEL: **SG15B** ORDER CODE: **A1013842**  
 • Single use • Diamond coated  
 • Diameter of the tip end; 1.3 mm



MODEL: **SG15C** ORDER CODE: **A1013843**  
 • Single use • Diamond coated  
 • Diameter of the tip end; 0.9 mm



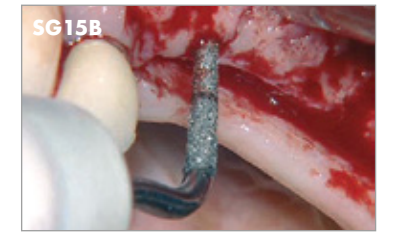
MODEL: **SG15D** ORDER CODE: **A1013844**  
 • Single use • Diamond coated  
 • Diameter of the tip end; 1.3 mm



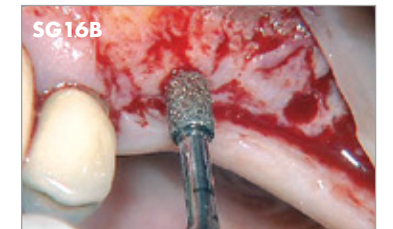
MODEL: **SG16A** ORDER CODE: **A1013845**  
 • Single use • Diamond coated  
 • Diameter; 2.0 mm



MODEL: **SG16B** ORDER CODE: **A1013846**  
 • Single use • Diamond coated  
 • Diameter; 2.6 mm



Conical preparations for implant osteotomies



Implant preparation

## Scaling

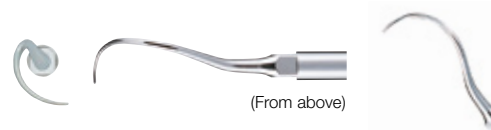


MODEL: **G1-S** ORDER CODE: **Z305113**

## Perio (Root Planing)



MODEL: **P20-S** ORDER CODE: **Z305114**  
• Straight tip



MODEL: **P25R-S** ORDER CODE: **Z305115**  
• Right curved tip\*



MODEL: **P25L-S** ORDER CODE: **Z305116**  
• Left curved tip\*

## Retrograde Endo (Retrograde Preparation of Root Canals)



MODEL: **E30RD-S** ORDER CODE: **A1013847**  
• Single use • Diamond coated  
• For posterior teeth (right angled)



MODEL: **E30LD-S** ORDER CODE: **A1013848**  
• Single use • Diamond coated  
• For posterior teeth (left angled)



MODEL: **E31D-S** ORDER CODE: **A1013849**  
• Single use • Diamond coated  
• For anterior and posterior teeth (70°)



MODEL: **E32D-S** ORDER CODE: **A1013850**  
• Single use • Diamond coated  
• For anterior teeth (90°)

## Tip Kits



MODEL: **Basic-S Kit**  
ORDER CODE: **A1013862**

Contents  
• Single use : SG6D, SG7D  
• Reusable : SG1, SG3, SG5, SG11  
• Tip holder  
1 pc. each



MODEL: **Bone Cut Kit**  
ORDER CODE: **A1013865**

Contents  
• Single use : SG6D  
• Reusable : SG1, SG2R, SG2L, SG4  
• Tip holder  
1 pc. each



MODEL: **Sinus Lift Kit**  
ORDER CODE: **A1013866**

Contents  
• Single use : SG6D  
• Reusable : SG1, SG3, SG9, SG10, SG11  
• Tip holder  
1 pc. each



MODEL: **Endo-S Kit**  
ORDER CODE: **A1013867**

Contents  
• Single use : E30RD-S, E30LD-S, E31D-S, E32D-S  
• Reusable : G1-S  
• Tip holder  
1 pc. each



MODEL: **Implant Preparation Kit**  
ORDER CODE: **A1013868**

Contents  
• Single use : SG15A, SG15B, SG16A, SG16B  
• Tip holder  
1 pc. each

# iSD900

## Cordless Prosthodontic Screwdriver with Torque Calibration System (TCS)

NSK is introducing the iSD900 cordless screwdriver with Torque Calibration System (TCS) for prosthodontic screw fixing procedures. iSD900 will guarantee precise torque control due to the unique NSK torque calibration system which is extremely easy to use. The iSD900 will help to save time and allow precise risk-free tightening of screws. Clinicians can depend on iSD900 for safety and productivity.

### High quality operation with good visibility

It has been too difficult to keep good visibility on retracting buccal mucosa with current ratchet wrenches which need your both hands. iSD900 supports you to keep good visibility and perform higher quality operations.



**iSD900:** Deliver wider operation view and field through the one hand operation.

**Ratchet Wrench:** Blind to the operation view and field by the hands and fingers.



### Ergonomic Extension On/Off Switch Lever

The iSD900 features a removable extension on/off switch lever to allow clinicians to operate the instrument easily. The extension lever is fully autoclavable to meet cross infection control requirements.

### Torque Calibration System (TCS)

Precise torque from 10 to 40 Ncm in 1 or 5 Ncm increments can be easily set and delivered. The TCS allows for easy calibration within seconds and guarantees precise torque and gives peace of mind.

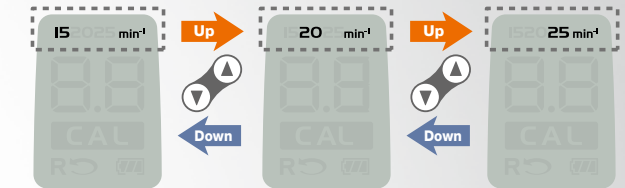


Calibration Mode



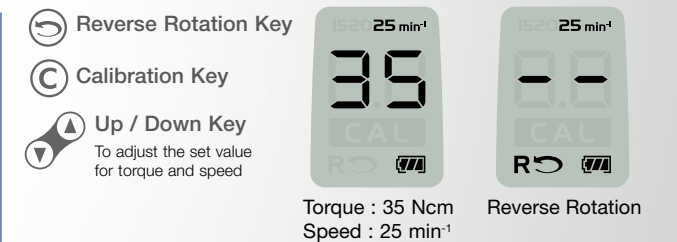
### 3 selectable speed setting for various procedures

The LCD digital display shows torque, speed, reverse rotation, battery condition and calibration mode settings. The display is clear and very easy to use.



### User-friendly LCD Digital Display

The LCD digital display shows torque, speed, reverse rotation, battery condition and calibration mode settings. The display is clear and very easy to use.



### iSD900 Complete Set

MODEL: **iSD900** ORDER CODE: **Y1001357**

#### 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<sup>-1</sup>
- 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.




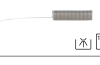


# Spare Parts

## Surgic Pro

MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE	MODEL	PRODUCTS	ORDER CODE
SGL70M Optic Micromotor (with 2 m Cord)		E1023	Irrigation Tube (Pack of 5)		Y900113	Protection Plug		10001595
SG70M Non-Optic Micromotor (with 2 m Cord)		E1025	Coolant Solution Hanger Post		U370152	Tube Holder (Pack of 7)		Y900083
Tube Holder		E295105	Handle Set		Z1027001	Carrying Case (Surgic Pro)		Y1001952
Handpiece Stand		Z1029201						

## Surgical Handpieces

Internal Spray Nozzle		10000324	Nozzle Holder For SG20		20000357	Cleaning Wire		20000512
Nozzle Holder X-DSG20L, X-DSG20 X-SG20L		20000396	Y-Connector		C823752	Calibration Bur		U494304

## Surgical Handpieces

Spray Nozzle For SGS, SGA		H263018
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## VarioSurg

VS-LED-HPSC LED Handpiece (with 2 m Cord)		E1084	Tips Holder		20001327	Tube Holder (Pack of 7)		Y900767
E Tip Replacement Wrench For V10-S		Z217399	Handpiece Stand		Z1029201	VA-SG-CASE Sterilization Cassette		20001326
VS Tip Wrench For SG1A, SG8A (CR-40)		Z305350	Irrigation Tube (Pack of 5)		Y900113	Carrying Case (VarioSurg)		Y1001907
Tip Wrench (CR-30)		10000977	Saline Solution Hanger Post		U564152			

## iSD900

Quick Charger for iSD900		U1070001	Torque Calibrator		Z1056001	On/Off Switch Lever		Z1070001
Power Cord		U438550	Calibration Bur		Z1057101	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.