VariaSurg3

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## VariaSurg3

## Non stop evolution

An ultrasonic bone surgery system is indispensable when performing implant procedures. VarioSurg3, the latest advance in the VarioSurg range, maintains the light weight and slim handpiece design of its predecessor and the same excellent balance and grip but has $50 \%$ more power than the previous model. The feedback and auto-tuning functions, combined with a wide range of tips, ensure faster, more precise treatments. VarioSurg3 also features the world's first dynamic link feature, which enables you to operate both VarioSurg3 and Surgic Pro via a single foot control.
intuitive controls and a large and clear backlit LCD screen makes VarioSurg3 eally easy to operate and takes the strain out of delicate procedures. VarioSurg - continuously evolving.


Major Power Boost - Up 50 Percent
Capable of generating a maximum of 150 percent of the power its predecessor produced (in Surg Mode), the VarioSurg3 ffectively shortens treatment time in combination with any of the sharp tips available.
*When setting power level more than 100 percent, please make sure to use tips that correspond
to ioh power.


Comfortable Grip Handpiece
The superior ergonomics of the VarioSurg3 handpiece, including its slim and lightweight body, ensure minimal hand fatigue and greater accessibiity to difficuit to reach areas. The twin LEDS integrated inthe 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.

Tips - Products of NSK's Meticulous Manufacturing


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

Shorter, Lighter Handpiece VarioSurg3's slim LED-equipped handpiece gives you extraordinary accessibility and visibirity during procedures, and its ergonomic mape and fine balance are designed to extended use.

NSK's twin LEDs deliver natural daylight-quality illumination, and significant advantages to the way you work
$\begin{array}{cc}\text { Clearer } & \begin{array}{c}\text { : LEDs generate natural daylight-quality } \\ \text { light, which ensures clearer vision than } \\ \text { halogen light sources. }\end{array} \\ \text { More Durable : LED light sources are longer lasting and }\end{array}$ more durable than halogen bulbs.

2 20

# Optic MODEL VS3-LED-HPSC ORDER CODEEE1133 

## VariaSurg3

## Exceptional Power for Faster,

More Accurate Procedures
The exceptional power VarioSurg3 that enables precise, stress-free surgical procedures even when approaching hard bone in delicate areas
The compact body offers a wide variety of functions. The large backlit LCD display
and intuitive controls help reduce operating errors and make procedures safer.

## Main Features

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

NSK

## Selectable Burst Mode

You can switch modes instantly from Surg Mode to Burst Mode even during the procedure. Burst Mode creates a hammer the hardest tissues. Seltect any of three type of Burst Mode according to the procedure and the condilition of the bone.

## Feedback Function

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

Adjustable Light Intensity Switch effortlessly between three levels of light intensity to suit the procedure.


## Variable Water Volume

Select any of five water volume modes depending on the power setting and oral condition to efficiently cool the selected tip. Maximum water volume flows at 75 ml per minute, preventing the tip from overheating and damaging tissue.

## Memory Function

by pressing the program button.

## Surgic Pro* $\times$ VariaSurg3

Dual Power and Performance
NSK's LINK STAND TECHNOLOGY allows you to conveniently link two supremely powerful and versatile surgical units for convenience and space saving while maintaining independence when needed.
VarioSurg3 is NSK's most powerful ultrasonic surgical unit with $150 \%$ power increase compared to its pre-decessor.
Surgic Pro+ is NSK's premium surgical unit for implant placement and general surgical procedures with added peace of mind due to AHC (Advanced Handpiece Calibration system).

The Link Function
You can operate both the implant motor Surgic Pro and VarioSurg3 ultrasonic bone by linking the two units with the link cable. Put the two units on the Link Stand and create a compact and space saving, all encompassing surgical treatment centre. The two systems can also be installed mpactly with Link Stand that takes up minimal space.

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

SG Link Set (Optional) model: VarioSurg 3 Link set (E) ORDER CODE: Y1002729 Contents: •SG Link Stand •SG Link Cable Specifications
SQ Link Stand - Wimenion D300 $\times$ H 180 (mm

- WG Linht: 1.35 kg
$\stackrel{\text { SG Link Cable }}{- \text { Length }} 355(\mathrm{~mm})$



## VariaSurg3

VarioSurg3 Complete Sets Optic
model: VarioSurg3 (120V) order Code: Y1002725 MODE: VarioSurg3 (230V) ORDER CODE: Y1002726

- Control Unit • LED Handpiece with 2 m cord • FC-78 Foot Control •Steriization Cassette - Handpiece Stand - Inigation tube (5 pcs.) and other accessories

VarioSurg3 Complete Sets without Foot Control Optic model: VarioSurg3 (120V) Non FT order code: Y1002247 MODE: VarioSurg (230V) Non FT ORDER CODE: Y1002248
Contents

- Control Unit •LED Handpiece with 2 m cord •Sterilization Cassette
- Handpiece Stand - lligation tube (5 pcs.) and other accessories

| Speifications |  |
| :---: | :---: |
| Control U |  |
|  |  |
| - Power Supaly | : AC120V or $230 \mathrm{~V} 50 / 60 \mathrm{H}$ |
| - Irigation Fow Rate | :10-75 mL/ min |
| - Prograns | : SURG $\times 5$, ENDO $\times 2$, PERRO 22 |

Foot Control
Hands-Free Program Adjustments Via Foot Control
The VarioSurg3 foot control conforms with the IPX8 standard for medical foot control systems. All functions are clearly marked and allow accurate and hands-free operation of the unit within the pre-set parameters. Using the metal bar the foot control can easily be re-positioned at any time.


MODEL: FC-78 ORDER CODE: Z1102003

- With 2 m cord


## Sterilization Cassette

The Sterilization Cassette is designed for the safe processing and storage of VarioSurg3 components.



MODE: VA-SG-CASE ORDER CODE: 20001326 - Dimensions : W281 $\times$ D $171.5 \times \mathrm{H} 47$ (mm) - Hard dedicated compartments for the handpliec
cord, tip replacement wrench and tip holders

Carrying Case (Optional) The Carrying Case neatly stores all VarioSurg3 The Carrying


## 

Precision control for today's specialist procedures The NSK Surgic Pro+ is a compact, stylish and fully integrated system incorporating our unique Advanced Handpiece Calibration (AHC). The inbuilt availability of a wide range of speed and torque settings allows clinicians to use Surgic Pro+ with any implant system brand.

Surgic Pro+ Complete Sets with X-DSG20L Optic Handpiece Optic
model: Surgic Pro+ OPT-D (120V) ORDER CODE: Y $\mathbf{1 0 0 2 0 9 5}$
MODEL: Surgic Pro+ OPT-D (230V) ORDER CODE: Y $\mathbf{1 0 0 2 0 9 6}$
Contents

- Control Unit with data storage facility - SGLTOM LED Micromotor




## VarioSurg Tip Line Up




nilateral anterior mandibular sampling


Excision of bone torus

Anterior mandibular harvesting


New Specialty Tips Exclusively for Sockets

Used as part of the socket lift method to swiftly perform sinus lift procedures, Nakanishi's new tip lineup is designed for minimal surgical invasiveness

## I Process example for elevation of maxillary sinus membrane

 A type of implant preparation site for a regular size implant $\mathbf{0 4 . 0 \mathrm { mm } \text { . } \text { . } \mathrm { m }}$
## At the case of using VarioSurg




7. The maxilay antum $n$

embare and bone Moxing bewention ine then




Socket Lift Tips
ORDER Sefore the mucou
sinus is elevated

VarioSurg ${ }^{3} 18$



| Maintenance (V-Tip) | Perio-Control |
| :---: | :---: |
|  | MODE: VIO-S ORDER CODE: Z305117 <br> - Includes E-Tip replacement wrench <br> - Plastic Tip is not included |
| $1$ | MODE: V-P10 ORDER CODE: Y900184 <br> - Pack of 3 • V10-S holder i n not included |
|  | MODE: V-PI IR ORDER CODE: Y1002165 <br> - Right curved type* • Pack of 3 <br> - V10-S holder is not included |
| $\rightarrow$ (From above) | MODE: V-PI IL ORDER CODE:Y1002166 - Left curved type* - Pack of 3 |
|  | MODE: V-P12 ORDER CODE:Y1002167 <br> - Pack of 3 • V10-S holder is not included |



Spare Parts

|  | Vs3－IED．HPSC 1 Lehtanke | E1133 | 0 | lrigition Tube | Y900113 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $=\square_{\text {図凅 }}$ |  For V10－S | 2217399 | $\cos _{8}^{\circ}$ | Tube Holder （Pack of 7） | Y900767 |
| $==0_{\text {図國 }}$ |  | 2305350 |  | VA．SGCASE | 20001326 |
|  | Tip Wrench | 10000977 | N1 | SG Link Stand | 2176 |
|  | Tips Holder | 20001327 | $8$ | SG Link Cable | 21189 |
| $3$ | Handpiece Stand | 21029201 |  |  |  |

