

Create it



VarioSurg 4

NSK

The Ultrasonic Bone Surgery System for Implant Treatments

The development of the VarioSurg ultrasonic bone surgery system continues with the introduction of the VarioSurg 4. With ultrasonic technology and with a lineup of more than 50 tips, the VarioSurg4 allows for swift and intricate bone removal and shaping.

It reduces damage to surrounding soft tissue and reduces invasiveness compared to conventional bone and micro saws. VarioSurg 4 features a wireless foot control and compatibility with Surgic Pro2.



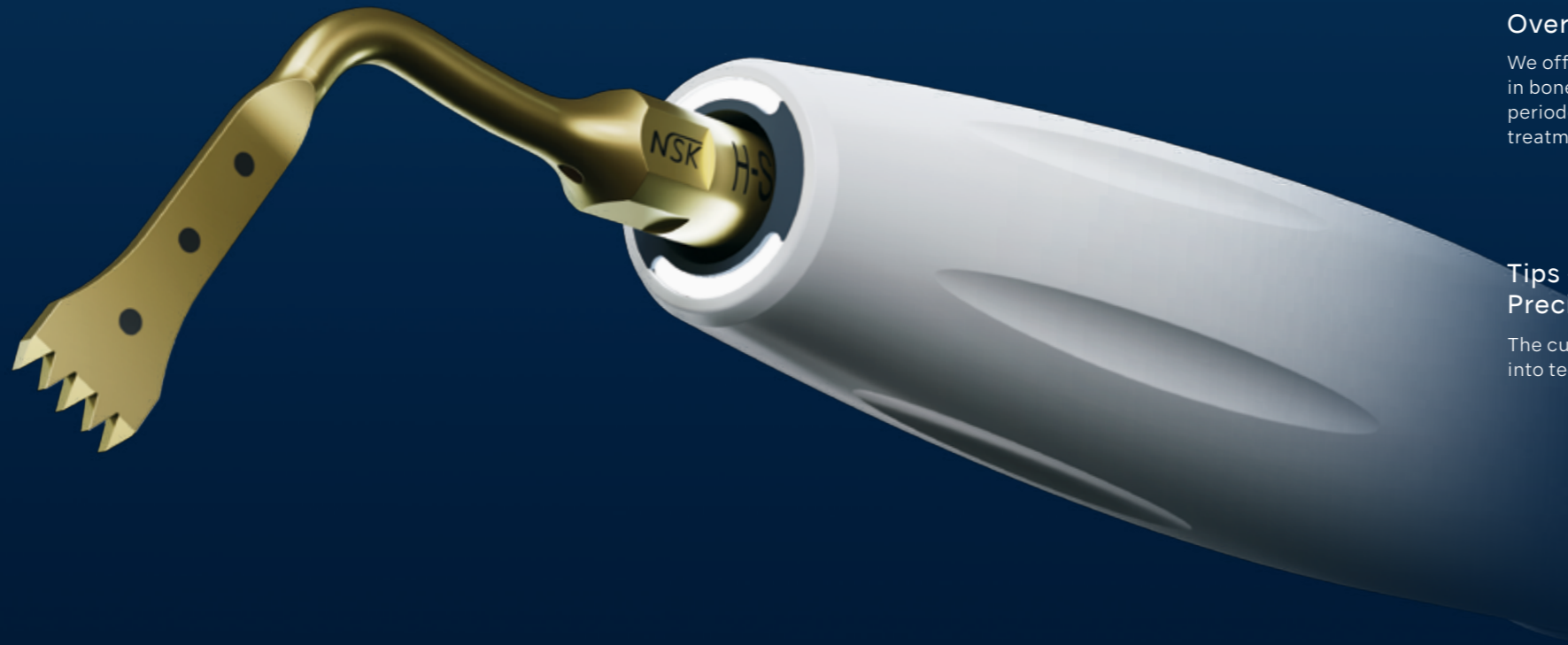
VarioSurg 4

Ultrasonic Bone Surgery System

More powerful handpiece with a super-slim design*

The handpiece is slimmer and is lighter than the conventional model VarioSurg and is equipped with twin LEDs. Ultrasonic technology produces oscillation of the tip allowing for minimally invasive procedures.

*Compared to the conventional model



Applications

<Oral Surgery>

- Bone surgery
- Scraper
- Sinus lifts
- Extraction
- Sinus Membrane Tool
- Implant preparation

<Perio>

- Scaling
- Perio (Root Planing)
- Maintenance
- Retrograde Endo

NSK's twin LEDs provide a brightness of 5700K, close to natural daylight quality.

Clearer : LEDs supply bright light and illuminate the executives.

More Durable : LED light sources are longer lasting than halogen bulbs



Twin LED lights

Over 50 tips available

We offer a lineup that specializes in bone surgery as well as periodontal and endodontic treatments.



Tips - Products of NSK's Precision Manufacturing

The cutting edge is three-dimensionally cut and machined into teeth.



Optic	MODEL	ORDER CODE
●	VS4-LED-HPSC	EA14170001

• with 2m cord



Washable in the thermodisinfectior
Autoclavable up to 135°C

Intuitive Control Panel

The control unit features a design that matches the Surgic Pro2 both technically and aesthetically. Also, with wireless foot control integration and Bluetooth® connectivity with Surgic Pro2, there's no need for cables or wires. The control unit includes a programmable memory function that can be personalized to match the preferences and usage conditions of individual clinicians. It incorporates a 4.6-inch backlit LCD screen and a touch panel with intuitive icon buttons.

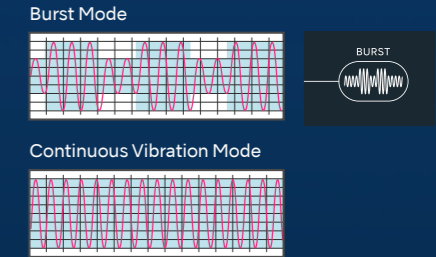


Main Features

- 3 Modes (SURG, ENDO, PERIO)
- Selectable Burst Mode (3 frequencies)
- 9 Programs (SURG x 5, ENDO x 2, PERIO x 2)
- Adjustable LED Light Intensity
- Water Displacement Function in handpiece
- Feedback Function
- Auto-Tuning Function
- Dynamic Link Feature

Burst Mode With Three Different Frequency Levels

Burst mode creates a "hammer effect" by varying the vibrations, producing small periodic vibrations in response to constant vibrations. This mode can be switched during surgery, with three adjustable burst mode levels to choose from.



Feedback & Auto-Tuning Functions

Oscillation frequency is also automatically controlled, maintaining the specified output value at the tip and sustaining the vibration state.

Adjustable Light Intensity

Switch between three levels of light intensity.



Irrigation Pump

Simple irrigation tube setup.



Variable Water Levels

Select from five water levels to cool the tip depending on your power setting and oral conditions. Maximum pump output is 76ml per minute.

Memory Function

Use the memory button to save programs, which allows you to save tip settings. Then easily call up these settings by pressing the program button.

Surgic Pro2 x VarioSurg 4

Two devices. One solution.

The Bluetooth®-enabled link function* allows for wireless connectivity between the surgical micromotor system, Surgic Pro2, and the ultrasonic bone surgery system, VarioSurg 4, enabling control of both instruments with a single foot control. Both systems are integrated through a common interface.



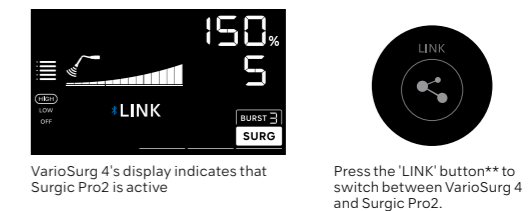
Surgic Pro2 and VarioSurg 4 Link Function

VarioSurg 4 features built-in Bluetooth® functionality and can be linked to the Surgic Pro2 surgical micromotor system. This enables the operation of both units with one single wireless foot control. You can switch between the two systems.



Operation

The display shows whether the device being operated is VarioSurg 4 or Surgic Pro2.



VarioSurg 4's display indicates that Surgic Pro2 is active

Press the 'LINK' button** to switch between VarioSurg 4 and Surgic Pro2.



MODEL	ORDER CODE
Link Stand3	ZA16230001

• Dimensions : W210 x D300 x H180 mm • Weight : 1.85 kg

VarioSurg 4

Complete Set

Optic	MODEL	ORDER CODE
●	VarioSurg 4 (120V)	Y1500705

Contents

- Control Unit • LED Handpiece with 2m cord • FC-86 Foot Control
- Sterilization Cassette • Handpiece Stand
- Irrigation tube (3 pcs.) and other accessories
- Basic H-S Kit (H-SG1, SG3, SG5, SG6D, SG7D, SG11 and Tip holder)

Specifications

[Control Unit]

- Frequency : 28-32 kHz
- Power Supply : AC100 - 240V 50/60 Hz
- Max. Pump Output : 76 mL / min
- Programs : SURG x 5, ENDO x 2, PERIO x 2
- Dimensions : W 245 x D 235 x H 90 mm



Foot Control


Linked with a wireless foot control

Bluetooth connection allows operation without connecting cables. The wireless foot control is 400g lighter (including hanger) than the wired foot control. The "Coolant Solution Flow Level Button", "Program Button" and "Burst Mode Button" are also located on the foot control. It is powered by 3 AAA batteries that last for approximately 6 months. A light on the control panel flashes when the batteries are running low.






MODEL	ORDER CODE
FC-86	ZF16040001



Optional


MODEL	PRODUCTS	ORDER CODE
FC-78 With 2m cord		Z1102003

Spare Parts

MODEL	PRODUCTS	ORDER CODE
E Tip Wrench For V10-S		Z217399
CR-40 For SG1A, SG8A, Socket Lift Tip VS Tip Wrench		Z305350
CR-30 Tip Wrench		10000977

MODEL	PRODUCTS	ORDER CODE
VA-SG-Tip Holder		20001327
Handpiece Stand		Z1029201
Coolant Solution Hanger Post		U370152

MODEL	PRODUCTS	ORDER CODE
Irrigation Tube (Pack of 5)		Y900113
Tube Holder (Pack of 7)		Y900767

 Washable in the thermodisinfectant

 Autoclavable

Manufacturer

NAKANISHI INC. www.nsk-dental.com
700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

NSK America Corp. www.nskdental.com
1800 Global Parkway, Hoffman Estates, IL 60192, USA

Specifications are subject to change without notice.