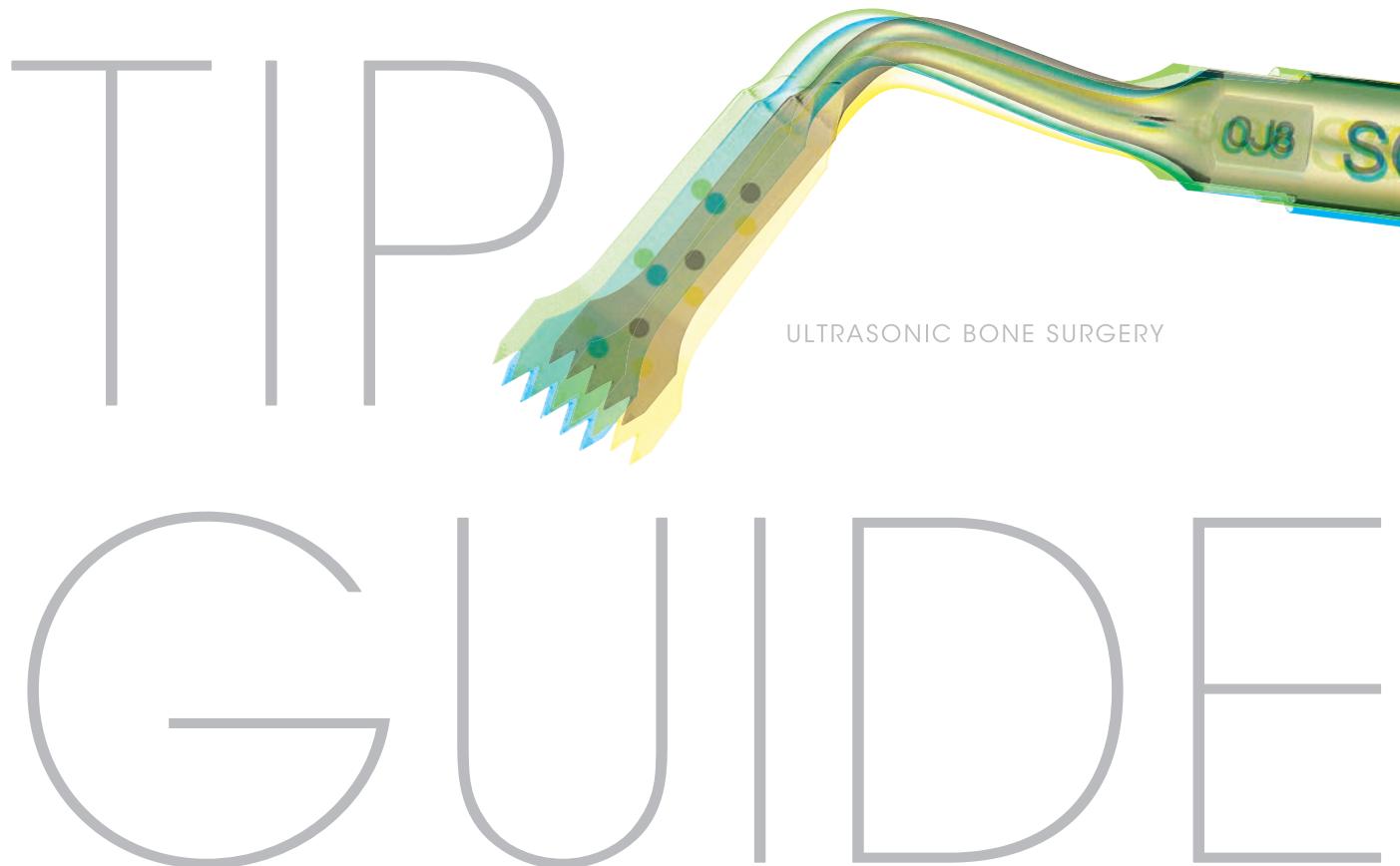


NSK

CREATE IT.

www.nsk-inc.com

[R0000039] 001 15.02.01.TS



ULTRASONIC BONE SURGERY

VARIOSURG TIP LINEUP

ULTRASONIC TIPS

NSK offers a range of over 50 tips optimised for the three modes of the VarioSurg Series.

SURG SURG mode for bone surgery

PERIO PERIO mode for maintenance

ENDO ENDO mode for root canal treatment



The tips are designed to preserve tissue, maintain cutting speed and easily cut into bone. Saw like teeth on an uneven blade edge enhances bone cutting. This also reduces clogging to maintain cutting speed.

BONE SURGERY



SCRAPER



EXTRACTION



SOCKET LIFT (CRESTAL APPROACH)



IMPLANT PREPARATION



SINUS LIFT



SINUS MEMBRANE DETACHMENT



SCALING



PERIO



PERIO-CONTROL



ENDODONTICS



TIP KIT



Washable in the Thermodisinfector



Autoclavable up to 135°C

HIGH POWER

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

SURG
BONE SURGERY..... P05-P12

SCRAPER P13-P14

EXTRACTION P15-P16

SOCKET LIFT (CRESTAL APPROACH) P17-P20

IMPLANT PREPARATION P21-P24

SOCKET LIFT (CRESTAL APPROACH) P25-P26*

SINUS LIFT P27

SINUS MEMBRANE DETACHMENT P28

PERIO
SCALING P29-P31

PERIO P32

PERIO-CONTROL P33-P34

ENDO
ENDODONTICS P35-P36

TIP KIT P37-P40

*Pictures provided by Yasuhiro Kizu, D.D.S., Ph.D.

OMFC (ORAL & MAXILLOFACIAL CARE CLINIC YOKOHAMA)

VarioSurg3

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.





BONE SURGERY

BONE SURGERY

For chin bone harvests, notably for the mental foramen and mandibular ramus. For general bone surgery.

MODEL
SG1

POWER LEVEL
SURG 80%

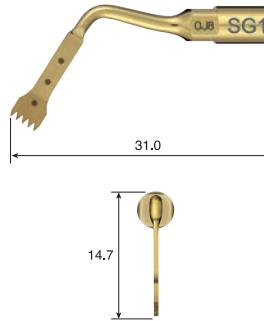
MODEL
H-SG1

POWER LEVEL
SURG 150%

MODEL
SG1A

POWER LEVEL
SURG 80%

HIGH POWER



ORDER CODE

Z305101

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Five teeth ; 0.6 mm thick



Unilateral anterior mandibular sampling
SG1, H-SG1, SG1A

MODEL
SG8

For clinical cases that restrict movement distances around the tip.

POWER LEVEL
SURG 80%

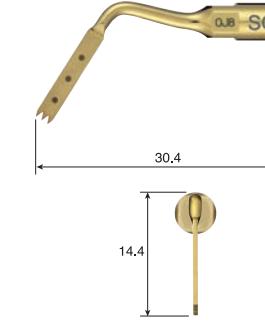
MODEL
H-SG8

POWER LEVEL
SURG 150%

MODEL
SG8A

POWER LEVEL
SURG 80%

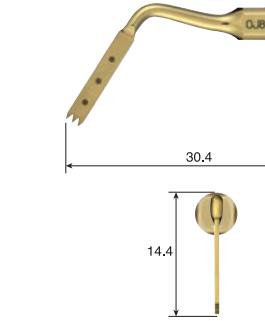
HIGH POWER



ORDER CODE

Z305109

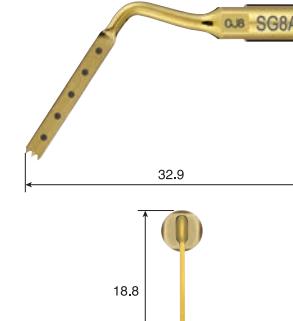
- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth ; 0.6 mm thick



ORDER CODE

Z305155

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth ; 0.6 mm thick



ORDER CODE

Z305139

- TiN coating • Dots mark 3, 6, 9, 12 and 15 mm from tip end
- Three teeth ; 0.6 mm thick

BONE SURGERY

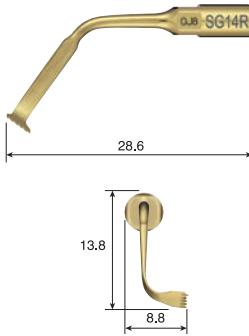
For harvesting bone from the mandibular ramus.

MODEL **SG14R**

POWER LEVEL SURG 80%

MODEL **SG14L**

POWER LEVEL SURG 80%



ORDER CODE

Z305122

- TiN coating • 90 degree right curved tip*
- Five teeth ; 0.6 mm thick



Anterior mandibular harvesting
SG14R, SG14L

* The direction of the tip's curve is defined by the tip's anterior view.

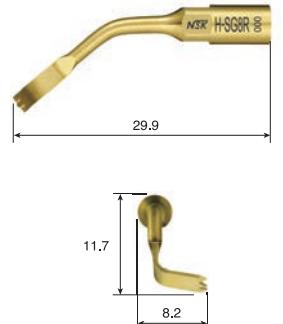
BONE SURGERY

For harvesting bone from the mandibular ramus.

MODEL **H-SG8R**

POWER LEVEL SURG 150%

HIGH POWER



ORDER CODE

Z305156

- TiN coating • 90 degree right curved tip*
- Three teeth ; 0.6 mm thick



ORDER CODE

Z305157

- TiN coating • 90 degree left curved tip*
- Three teeth ; 0.6 mm thick

* The direction of the tip's curve is defined by the tip's anterior view.

BONE SURGERY

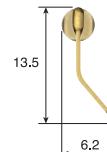
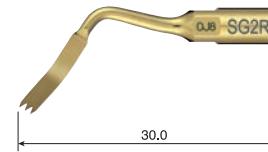
For excisions in areas with inclines or projections or which are otherwise hard to access with SG1 and other regular tips.

MODEL **SG2R**

POWER LEVEL SURG 80%

MODEL **SG2L**

POWER LEVEL SURG 80%



ORDER CODE
Z305102

- TiN coating • Right curved tip*
- Three teeth; 0.6 mm thick



Excision of bone torus
SG2R, SG2L

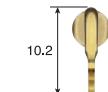
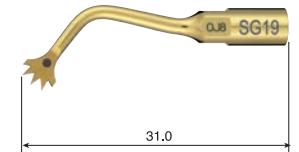
* The direction of the tip's curve is defined by the tip's anterior view.

For regions that are hard to access with regular tips, notably the posterior mandible or curved areas.

MODEL **SG19**

POWER LEVEL SURG 80%

For cutting curved surfaces.



ORDER CODE
Z305135

- TiN coating • Dot mark 3 mm from tip end
- Five teeth; 0.8 mm thick

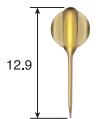


Mandibular harvesting
at approach stage
SG19

MODEL **SG30**

POWER LEVEL SURG 50%

For narrow cutting to reduce bone loss. Also suitable for corticotomies.



ORDER CODE
Z305137

- TiN coating • Sharp edge • 0.5 mm thick

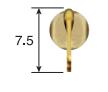
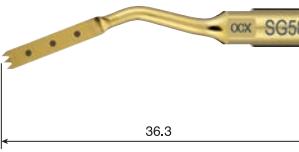


Alveolar crestal incision for
harvesting bone
(when narrowing bone cuts)
SG30

MODEL **SG58**

POWER LEVEL SURG 80%

For removing tori on the posterior mandible or mandibular lingual surface.



ORDER CODE
Z305141

- TiN coating • Dots mark 3, 6 and 9 mm from tip end
- Three teeth; 0.6 mm thick



The cutting part
is bone torus
SG58

SCRAPER



For flattening the alveolar crest or harvesting bone fragments. **SCRAPER**

MODEL **SG3**

POWER LEVEL SURG 80%



ORDER CODE

Z305104

- TiN coating • Triple sided edge spatula tip
- Single-edged scraper



MODEL **SG4**

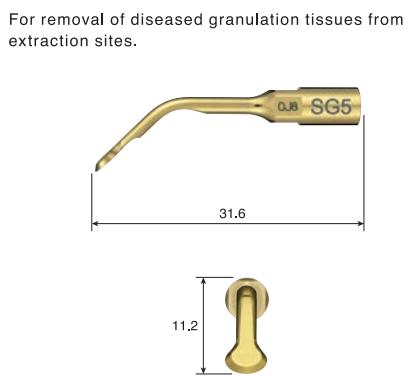
POWER LEVEL SURG 80%



ORDER CODE

Z305105

- TiN coating • Edge spatula tip
- Double-edged scraper



ORDER CODE

Z305106

- TiN coating • Rounded edge spatula tip
- Single-edged scraper





EXTRACTION

Ruptures the periodontal ligament to streamline suture removal. Also effective in extracting ankylosed teeth. **EXTRACTION**

MODEL **SG17**

POWER LEVEL SURG 80%

MODEL **SG18R**

POWER LEVEL SURG 50%

MODEL **SG18L**

POWER LEVEL SURG 50%



13.0

27.8

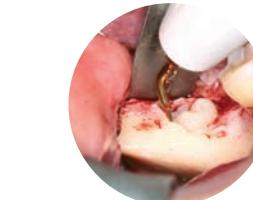


12.9

27.7



12.9



ORDER CODE
Z305132

• TiN coating • 0.7 mm thick

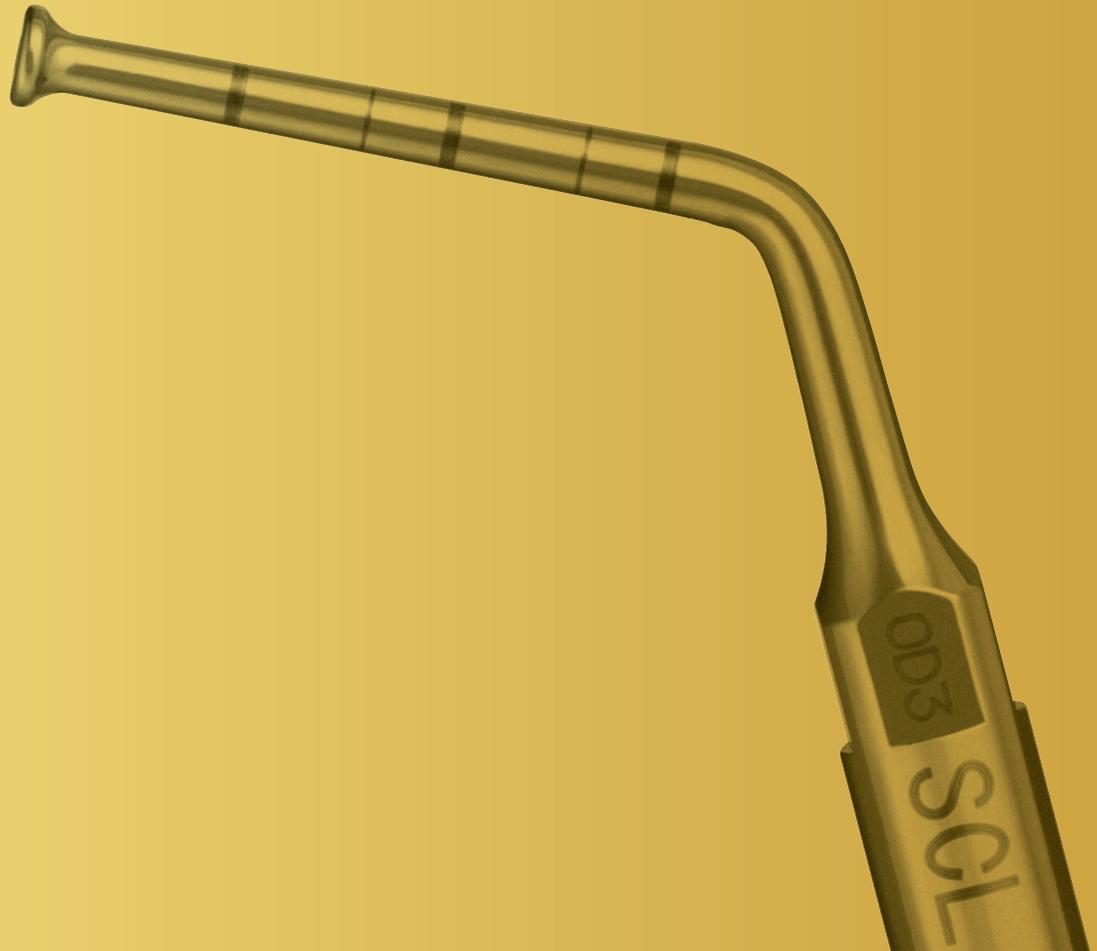
ORDER CODE
Z305133

• TiN coating • Right angled tip* • 0.7 mm thick

ORDER CODE
Z305134

• TiN coating • Left angled tip* • 0.7 mm thick

* The direction of the tip's angle is defined by the tip's anterior view.



SOCKET LIFT
(CRESTAL APPROACH)

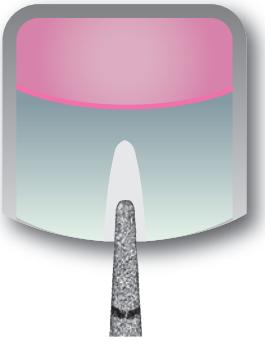
SOCKET LIFT (CRESTAL APPROACH)

Socket lift procedures.

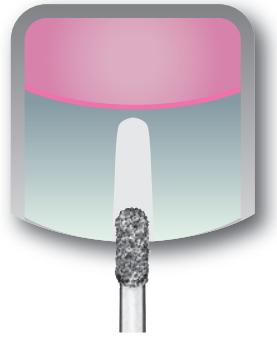
The socket lift tip enhances the safety of procedures, being less invasive and enabling sinus lifts with short chair times.

Osteotomy with ultrasonic vibration reduces the risk of damage to the Schneiderian membrane.

Eliminating hammering taps through the osteotome technique reduces patient discomfort and potential dizziness.



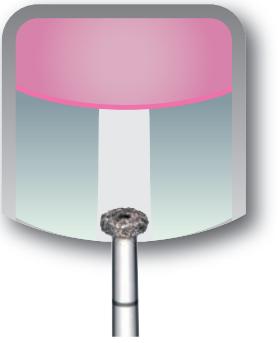
A starting point is added to trigger bone formation.



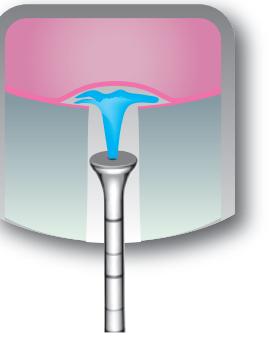
Bone formation to prepare implant site.



Implant site expansion and formation.



Maxillary sinus perforation and bone formation on alveolar ridge.



Reliably elevate the maxillary sinus membrane with internal irrigation.



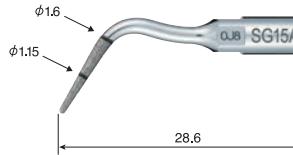
Forms implant preparation site once maxillary sinus membrane is elevated.

IMPLANT PREPARATION

For preparation of implant sites, adding starting points, and other steps.

MODEL **SG15A**

POWER LEVEL SURG 50%



ORDER CODE

Z305124

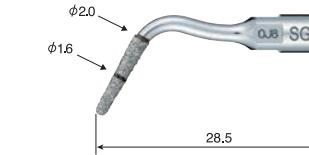
- Diamond coating • Tip-end diameter ; 0.7 mm
- Markings every 5 mm and 10 mm from tip end



Implant preparation
SG15A, SG15B

MODEL **SG15B**

POWER LEVEL SURG 50%



ORDER CODE

Z305125

- Diamond coating • Tip-end diameter ; 1.3 mm
- Markings every 5 mm and 10 mm from tip end

For preparation of implant sites, flattening bone surfaces, and other steps.

MODEL **SG15C**

POWER LEVEL SURG 50%



ORDER CODE

Z305126

- Diamond coating • Tip-end diameter ; 0.9 mm
- Markings every 5 mm, 10 mm and 12 mm from tip end



Implant preparation
SG15C, SG15D

MODEL **SG15D**

POWER LEVEL SURG 50%



ORDER CODE

Z305127

- Diamond coating • Tip-end diameter ; 1.3 mm
- Marking every 5 mm, 10 mm and 12 mm from tip end



IMPLANT PREPARATION

For expanding and forming implant preparation site when approaching from the alveolar crest.

MODEL **SG16A**

POWER LEVEL SURG 50%

MODEL **SG16B**

POWER LEVEL SURG 50%



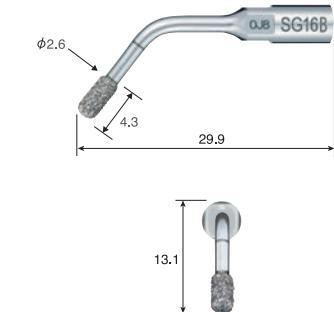
ORDER CODE

Z305128

- Diamond coating • Diameter ; 2.0 mm
- Markings every 5 mm and 10 mm from tip end



Implant preparation
SG16A



ORDER CODE

Z305129

- Diamond coating • Diameter ; 2.6 mm
- Markings every 5 mm and 10 mm from tip end



Implant preparation
SG16B

For expanding and forming implant preparation site when approaching from the alveolar crest.

MODEL **SCL2D**

POWER LEVEL SURG 50%

MODEL **SCL4D**

POWER LEVEL SURG 80%

INTERNAL IRRIGATION



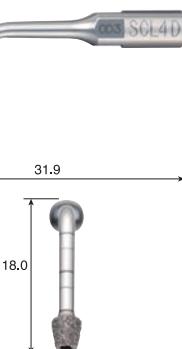
ORDER CODE

Z305182

- Diamond coating



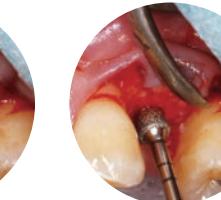
Implant preparation site depth can be measured using markings on the tip.



ORDER CODE

Z305184

- Diamond coating



Formation of implant preparation site
SCL2D, SCL4D



SOCKET LIFT (CRESTAL APPROACH)

For procedures such as osteotomy of maxillary sinus approaching from the alveolar crest and implant preparation site adjustments.

MODEL **SCL1D**

POWER LEVEL SURG 80%

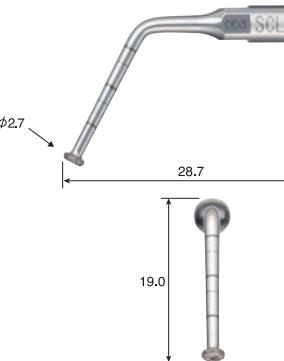
MODEL **SCL3D**

POWER LEVEL SURG 80%

MODEL **SCL5D**

POWER LEVEL SURG 80%

INTERNAL IRRIGATION



ORDER CODE
Z305171

• Diamond coating



Implant preparation site depth can be measured using markings on the tip.



Cutting the cavity floor of implant preparation site
SCL1D, SCL3D, SCL5D



Elevating the sinus membrane with internal irrigation approaching from alveolar crest.

MODEL **SCL1**

POWER LEVEL SURG 50%

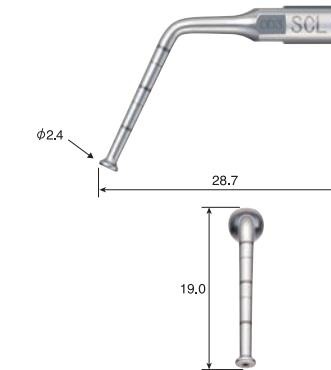
MODEL **SCL3**

POWER LEVEL SURG 50%

MODEL **SCL5**

POWER LEVEL SURG 50%

INTERNAL IRRIGATION



ORDER CODE
Z305170



Implant preparation site depth can be measured using markings on the tip.



Before the mucous membrane of maxillary sinus is elevated
SCL1, SCL3, SCL5



SINUS LIFT

For bone fenestration and bone formations.

MODEL

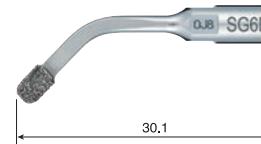
SG6D

POWER LEVEL SURG 80%

MODEL

SG7D

POWER LEVEL SURG 50%



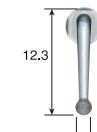
ORDER CODE

Z305107

- Diamond coating



Avulsion of wisdom teeth
and impacted teeth
SG6D



ORDER CODE

Z305108

- Diamond coating



the vestibular bone window
and precise osteoplasty
SG7D

For avulsion and elevation of the maxillary sinus membrane.

MODEL

SG9

POWER LEVEL SURG 50%

MODEL

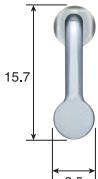
SG10

POWER LEVEL SURG 50%

MODEL

SG11

POWER LEVEL SURG 50%



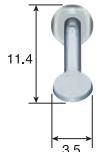
ORDER CODE

Z305110

- Flat circular convex elevator • Angled at 90°



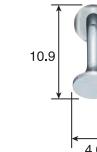
Sinus membrane detachment
SG9, SG10



ORDER CODE

Z305111

- Flat circular convex elevator • Angled at 135°



ORDER CODE

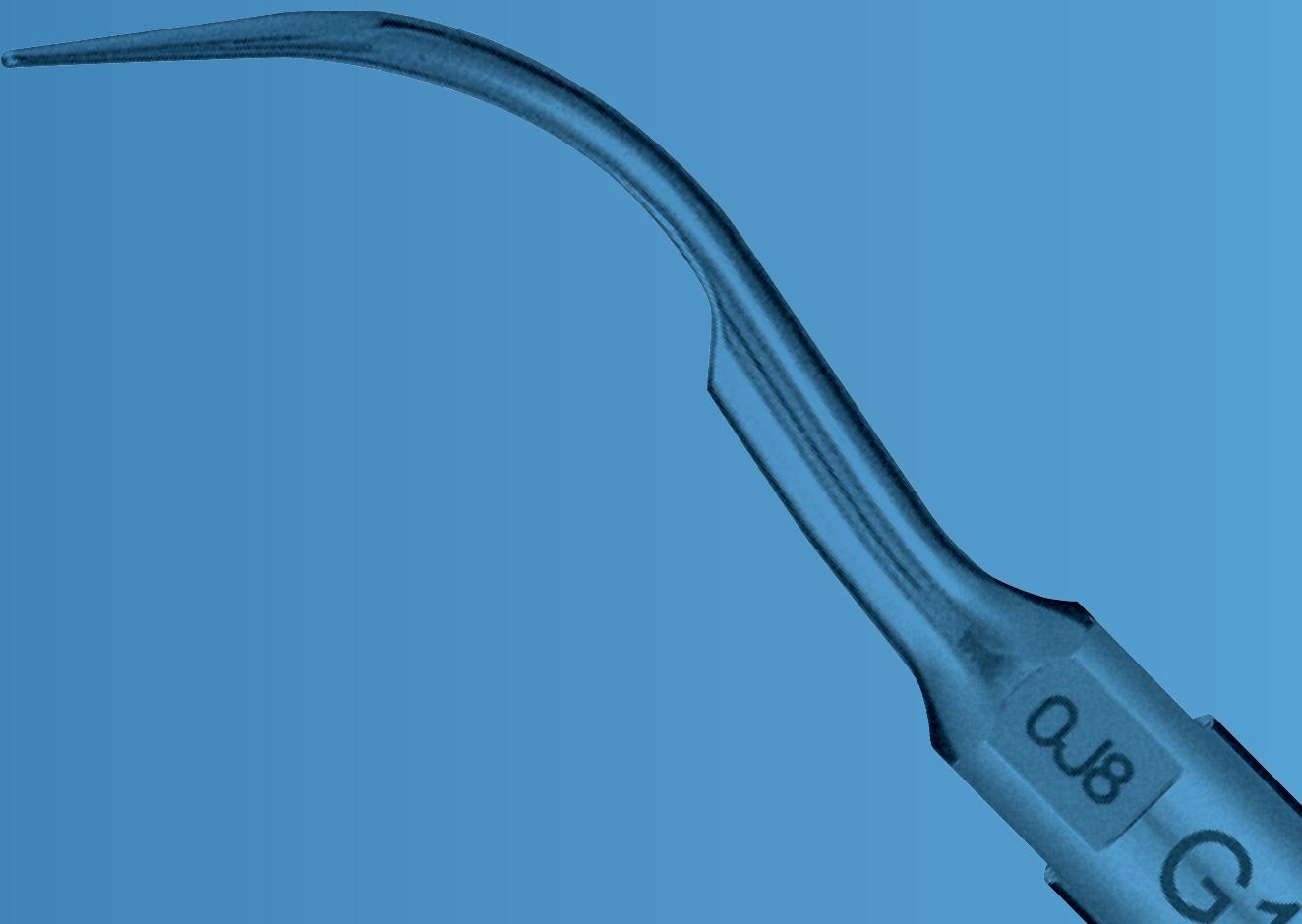
Z305112

- Cone compressor



Sinus membrane elevation
SG11

SOCKET LIFT
(GESSLER Apfelschäler)

A dental scaling instrument, likely made of stainless steel, is shown against a solid blue background. The instrument has a long, thin, curved tip designed for scaling teeth. The handle is rectangular with a slightly tapered end. On the handle, the letters "0JB" are stamped vertically, and "G1" is stamped horizontally next to it.

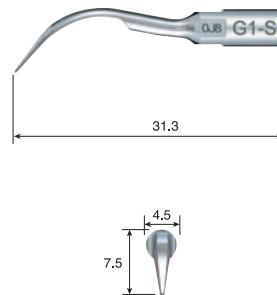
SCALING

SCALING

Removal of supra gingival tartar, tartar narrow interdental space, marginal gingival calculus.

MODEL **G1-S**

POWER LEVEL **SURG** 50%



ORDER CODE

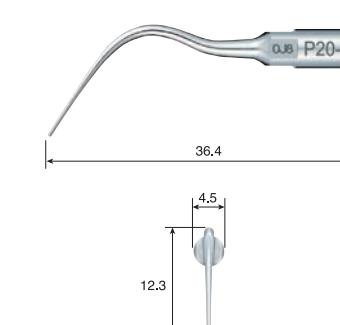
Z305113



Removal of gingival biofilm. **PERIO**

MODEL **P20-S**

POWER LEVEL **PERIO** 100%



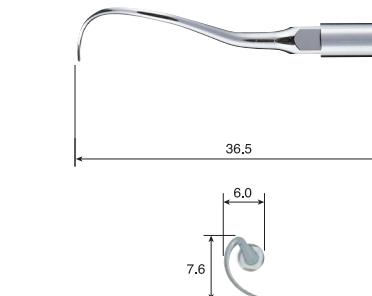
ORDER CODE

Z305114



MODEL **P25R-S**

POWER LEVEL **PERIO** 100%



ORDER CODE

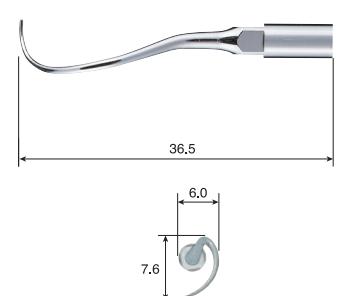
Z305115

• Right curved type*



MODEL **P25L-S**

POWER LEVEL **PERIO** 100%



ORDER CODE

Z305116

• Left curved type*

* The direction of the tip's curve is defined by the tip's anterior view.

PERIO-CONTROL

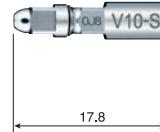
For maintaining the upper structure of implant-supported dental prosthesis.

MODEL V10-S

POWER LEVEL PERIO 100%



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



ORDER CODE

Z305117

- Includes E-Tip replacement wrench
- * Plastic Tip is not included



V-P10

MODEL V-P10

MODEL

V-P10

For maintaining the upper structure of implant-supported dental prosthesis. **PERIO-CONTROL**

MODEL V-P11R

MODEL

V-P11R

Double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with neighbouring teeth or contours.



ORDER CODE
Y1002165

- Pack of 3 • Right curved type*
- * V10-S holder is not included



V-P11R, V-P11L

MODEL V-P11L

MODEL

V-P11L

Double bent tips. This tip is extra long to easily access difficult to reach areas and to avoid interference with neighbouring teeth or contours.



ORDER CODE
Y1002166

- Pack of 3 • Left curved type*
- * V10-S holder is not included



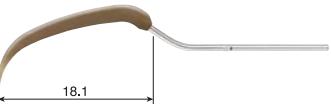
V-P12

MODEL V-P12

MODEL

V-P12

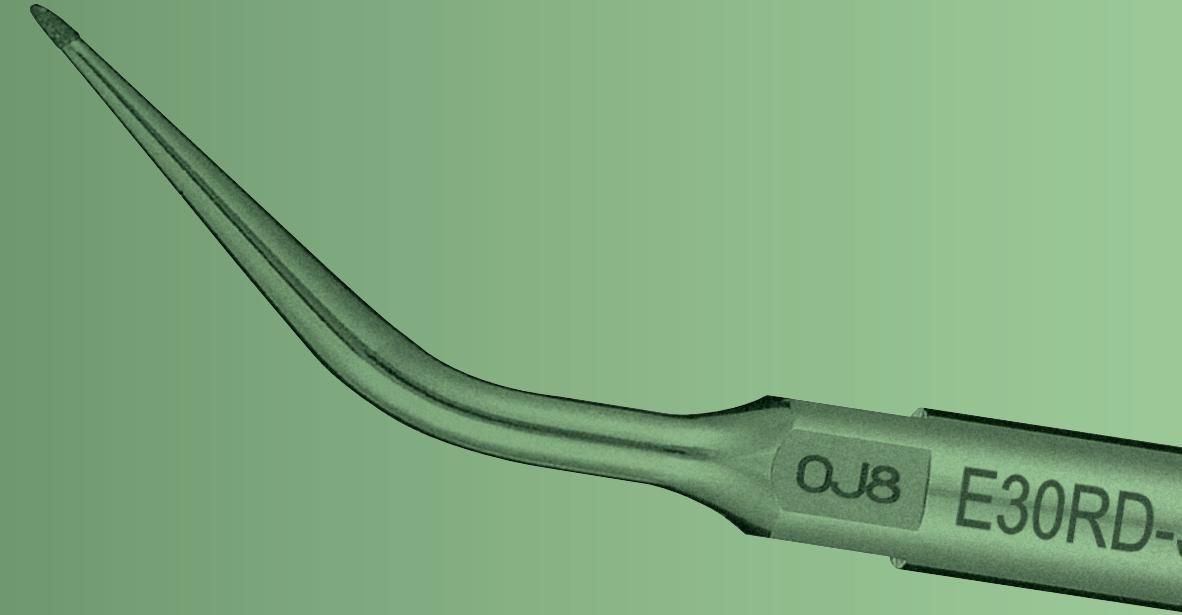
A longer version of the popular V-P10 tip.



ORDER CODE
Y1002167

- Pack of 3
- * V10-S holder is not included

ENDODONTICS



The microscopic diamond coated tip allows effective removal of dentin at the apex.

MODEL **E30RD-S**

POWER LEVEL

ENDO

50%

MODEL **E30LD-S**

POWER LEVEL

ENDO

50%

MODEL **E31D-S**

POWER LEVEL

ENDO

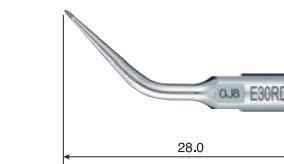
50%

MODEL **E32D-S**

POWER LEVEL

ENDO

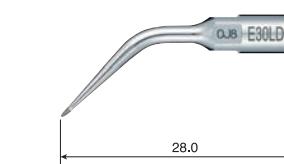
50%



ORDER CODE

Z305118

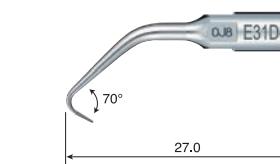
- Diamond coating
- For posterior teeth (right angled*)



ORDER CODE

Z305119

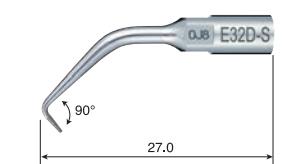
- Diamond coating
- For posterior teeth (left angled*)



ORDER CODE

Z305120

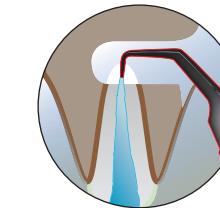
- Diamond coating
- For anterior and posterior teeth (70°)



ORDER CODE

Z305121

- Diamond coating
- For anterior teeth (90°)



* The direction of the tip's angle is defined by the tip's anterior view.



TIP KIT

TIP KIT

MODEL Basic H-S Kit

Contents

- H-SG1, SG3, SG5, SG6D, SG7D, SG11
- Tip holder

BONE SURGERY
SINUS LIFT
SCRAPER
SINUS MEMBRANE DETACHMENT



ORDER CODE
Y1002775

MODEL Sinus Lift Kit

Contents

- SG1, SG3, SG6D, SG9, SG10, SG11
- Tip holder

SINUS LIFT



ORDER CODE
Y900689

MODEL Bone Cut Kit

Contents

- SG1, SG2R, SG4, SG2L, SG6D
- Tip holder

BONE SURGERY



ORDER CODE
Y900688

MODEL Endo-S Kit

Contents

- G1-S, E30RD-S, E30LD-S, E31D-S, E32D-S
- Tip holder

ENDODONTICS



ORDER CODE
Y900691

MODEL Implant Preparation Kit

Contents

- SG15A, SG15B, SG16A, SG16B
- Tip holder

IMPLANT PREPARATION



ORDER CODE
Y900774

MODEL Socket Lift (CRESTAL APPROACH) Kit for Wide Size Implant

Contents

- SCL2D, SCL3D, SCL4D, SCL3
- VS Tip Wrench • Tip holder • Manual

SOCKET LIFT (CRESTAL APPROACH)



ORDER CODE
Y1002842

MODEL Socket Lift (CRESTAL APPROACH) Kit for Regular Size Implant

Contents

- SCL1D, SCL2D, SCL1
- VS Tip Wrench • Tip holder • Manual

SOCKET LIFT (CRESTAL APPROACH)



ORDER CODE
Y1002841

VarioSurg3

Advantages

- Super slim handpiece with LED
- Extensive tip range for a wide range of applications
- Link 2 system with SurgicPro(implant motor)



COMPLETE SET

OPTIC MODEL: VarioSurg3 (230V) **ORDER CODE:** Y1002726

Contents:

- Control Unit ● LED Handpiece with 2m cord ● FC-78 Foot Control ● Sterilization Cassette ● Handpiece Stand
- Irrigation tube (5 pcs.) and other accessories
- Basic H-S Kit (H-SG1, SG3, SG5, SG6D, SG7D, SG11 and Tip holder)

COMPLETE SET WITHOUT FOOT CONTROL

OPTIC MODEL: VarioSurg3 (230V) Non FT **ORDER CODE:** Y1002248

Contents:

- Control Unit ● LED Handpiece with 2m cord ● Sterilization Cassette ● Handpiece Stand
- Irrigation tube (5 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 : 230V 50/60 Hz
- Irrigation Flow Rate : 10-75 mL / min
- Programs : SURG x 5, ENDO x 2, PERIO x 2
- Dimensions : W265 x D220 x H100 mm



NAKANISHI INC.  www.nsk-inc.com

700 Shimohinata, Kanuma, Tochigi 322-8666, Japan

Specifications are subject to change without notice.

NSK Europe GmbH  www.nsk-europe.de

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