

Slim Motor Series

Slim Design : A new design that combines being slim, compact and light, which reduces surgeons' stress during long hour operations.

High Speed : High speed rotation of maximum 80,000min⁻¹ makes it possible to cut precisely.

Versatile : Various types of handpieces available including a hand control type.

Easy Maintenance : All the motors and handpieces can be washed by a thermo disinfectant.

Durable : Motors and handpieces are made to be highly durable due to NSK's long years of experience in high precision technology, and are protected with a NSK original special coating called DURACOAT, creating long-lasting and scratch-free quality products.



Primado2 Slim Motor



order code
P200-SMH-HS

Primado2 Slim Motor/HS

- Hand Control type
- Speed: Max. 80,000 min⁻¹
- Available handpieces: 20 kinds
- Bundled Item: Spray Adaptor for Slim (see p.40)

order code
P200-SMH

Primado2 Slim Motor

- Speed: Max. 80,000 min⁻¹
- Available handpieces: 20 kinds
- Bundled Item: Spray Adaptor for Slim (see p.40)

Slim Handpiece 200 for $\varnothing 1.0$ mm bur **80,000 min⁻¹**

The Slim Handpiece 200 has a bur guard tip of 4.8mm in diameter, and is available in various lengths as well as straight and curved models. These deliver excellent performance in endoscopic procedures with limited viewing access. The bur guard can be removed using a wrench that is included with delivery, making maintenance easy.



order code
P200-1A135

Slim Handpiece200 L

- Long type
- Bur: $\varnothing 1.0$ mm / Long

order code
P200-1A155

Slim Handpiece200 EL

- Extra Long type
- Bur: $\varnothing 1.0$ mm / Extra Long

order code
P200-1A175

Slim Handpiece200 SL

- Super Long type
- Bur: $\varnothing 1.0$ mm / Super Long

order code
P200-1A155-C

Slim Handpiece200 EL/Curved

- Extra Long , Curving type
- Bur: $\varnothing 1.0$ mm / Extra Long

order code
P200-1A175-C

Slim Handpiece200 SL/Curved

- Super Long , Curving type
- Bur: $\varnothing 1.0$ mm / Super Long

order code
P200-1ARA-W

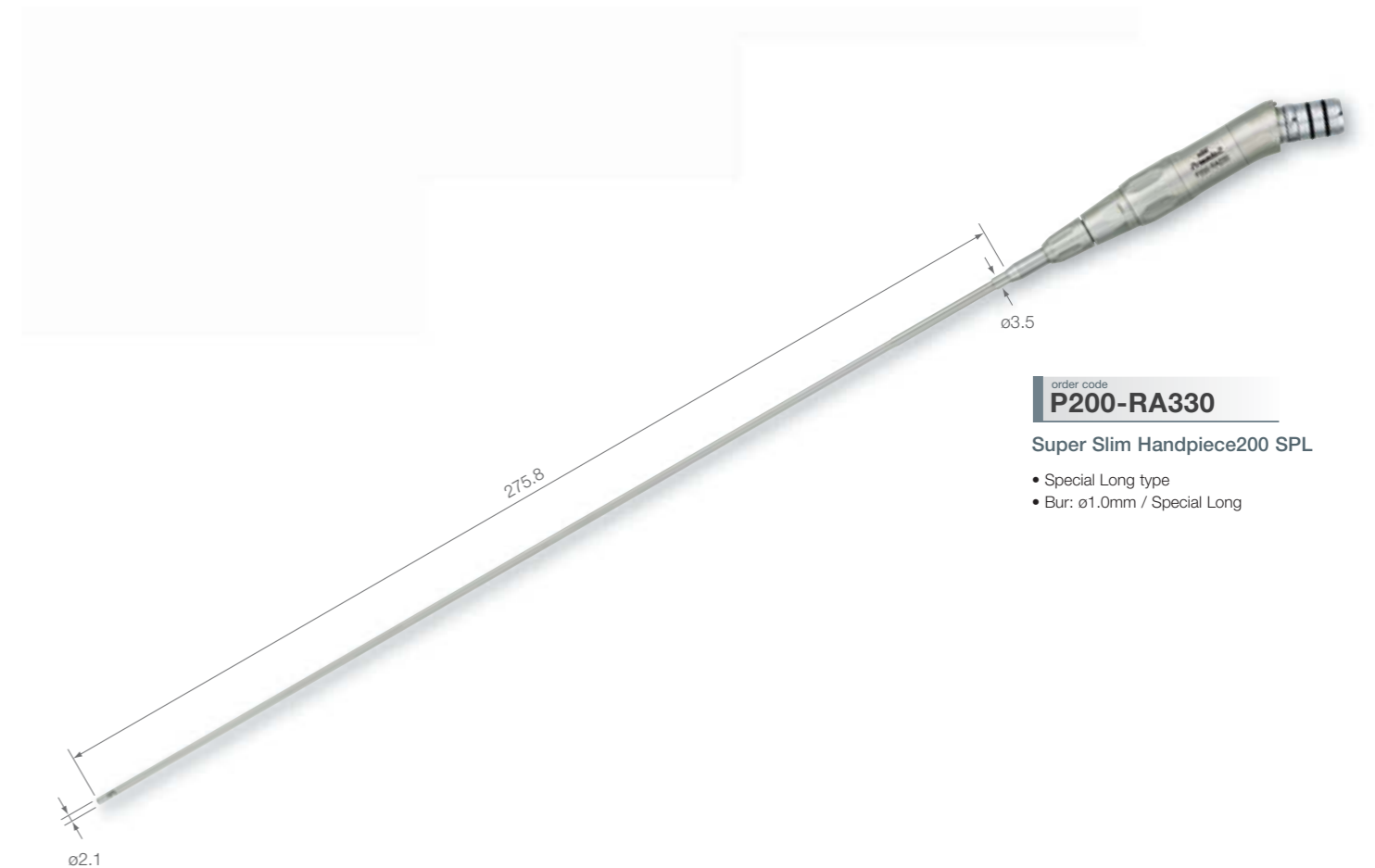
Wrench for Slim/Super Slim

- Corresponding wrench for bur guard
- Included with Slim Handpiece 200



Super Slim Handpiece 200 for $\varnothing 1.0$ mm bur **20,000 min⁻¹**

The Super Slim Handpiece 200 is designed with a bur guard tip of 2.1mm in diameter, and can rotate max. 20,000min⁻¹ allowing sensitive drilling in an endoscopic procedure possible. The bur guard can be removed using a wrench that is included with delivery, making maintenance easy.



order code
P200-RA330

Super Slim Handpiece200 SPL

- Special Long type
- Bur: $\varnothing 1.0$ mm / Special Long

order code
P200-1ARA-W

Wrench for Slim/Super Slim

- Corresponding wrench for bur guard
- Included with Super Slim Handpiece 200



Standard Angled Handpiece 200 for ø2.35 mm bur **80,000 min⁻¹**

Five different length of handpieces are available with the Standard Angled Handpiece 200. This allows surgeons to deal with various types of operations. Perfect rotation balance and cutting balance performance are achieved.



order code
P200-2AMS

Std. Angled Handpiece200 MS

- Mini type
- Bur: ø2.35mm / MS

order code
P200-2AES

Std. Angled Handpiece200 ES

- Extra Short type
- Bur: ø2.35mm / Extra Short

order code
P200-2AS

Std. Angled Handpiece200 S

- Short type
- Bur: ø2.35mm / Short

order code
P200-2AM

Std. Angled Handpiece200 M

- Medium type
- Bur: ø2.35mm / Medium

order code
P200-2AL

Std. Angled Handpiece200 L

- Long type
- Bur: ø2.35mm / Long

Irrigation Nozzle

order code
PD-IN-D

For P200-2AMS (MS)

order code
PD-IN-2ES

For P200-2AES (ES)

order code
PD-IN-2S

For P200-2AS (S)

order code
PD-IN-2M

For P200-2AM (M)

order code
PD-IN-2L

For P200-2AL (L)

Standard Straight Handpiece 200 for ø2.35 mm bur **80,000 min⁻¹**

Five different length of handpieces are available with the Standard Straight Handpiece 200. This allows surgeons to deal with various types of operations. Perfect rotation balance and cutting balance performance are achieved.



order code
P200-2SMS

Std. Straight Handpiece200 MS

- Mini type
- Bur: ø2.35mm / MS

order code
P200-2SES

Std. Straight Handpiece200 ES

- Extra Short type
- Bur: ø2.35mm / Extra Short

order code
P200-2SS

Std. Straight Handpiece200 S

- Short type
- Bur: ø2.35mm / Short

order code
P200-2SM

Std. Straight Handpiece200 M

- Medium type
- Bur: ø2.35mm / Medium

order code
P200-2SL

Std. Straight Handpiece200 L

- Long type
- Bur: ø2.35mm / Long

Irrigation Nozzle

order code
PD-IN-D

For P200-2SMS (MS)

order code
PD-IN-2ES

For P200-2SES (ES)

order code
PD-IN-2S

For P200-2SS (S)

order code
PD-IN-2M

For P200-2SM (M)

order code
PD-IN-2L

For P200-2SL (L)

Perforator Handpiece 200 1,250 min⁻¹

The high performance handpiece for trephination. It delivers stable torque and achieves smooth and powerful cutting performance.



order code
P200-PER
Perforator Handpiece200
• Compatible Chuck: Hudson Chuck

Drill Handpiece 200 for ø2.35 mm Twist Drill 80,000 min⁻¹

The corresponding handpiece for a trephination.



order code
P200-2SD
Straight Drill Handpiece200
• Bur: ø2.35mm twist drill



Irrigation Nozzle
order code
PD-IN-D
For P200-2SD

Craniotome Handpiece 200 for ø3.17 mm bur 80,000 min⁻¹

The high performance handpiece designed for cranial surgery. Three different types of duraguards are available for variable cranial bone thickness. The smooth and powerful cutting performance avoids adding additional stress to the surgeon.



order code
P200-CRA
Craniotome Handpiece200
• Bur: Craniotome bur, Router bur
• Bundled Item: P200-CRD-M



order code
P200-CRD-P
Pediatric Duraguard200
• Bur: Pediatric Craniotome bur, Pediatric Router bur



order code
P200-CRD-M
Medium Duraguard200
• Bur: Medium Craniotome bur, Medium Router bur



order code
P200-CRD-L
Long Duraguard200
• Bur: Long Craniotome bur, Long Router bur

Metal Cutting Handpiece 200 for ø3.17 mm bur 80,000 min⁻¹

The corresponding handpiece for cutting implants.



order code
P200-3MC
Metal Cutting Handpiece200
• Bur: Metal Cutting Carbide Bur
Metal Cutting Diamond Disk

High Torque Motor Series

High Torque : High torque motor delivers advanced cutting performance.

Versatile : Standard and hand control type are newly introduced.

Easy Maintenance : All of the motors and handpieces can be washed by a thermo disinfecter.



Primado2 High Torque Motor



order code
P200-HMH-HS

Primado2 High Torque Motor/HS

- Hand Control type
- Speed: Max. 60,000 min⁻¹
- Available handpieces: 22 kinds

order code
P200-HMH

Primado2 High Torque Motor

- Speed: Max. 60,000 min⁻¹
- Available handpieces: 22 kinds



High Speed Handpiece 200 for $\phi 3.17$ mm bur **100,000 min⁻¹**

A maximum rotational speed of 100,000 min⁻¹ is attained with use of the motor increaser.
Its powerful cutting performance is most suitable for open surgery.



order code
P200-3GAS

High Speed Handpiece200 S

- Short type
- Bur: $\phi 3.17$ mm / Short

order code
P200-3GAM

High Speed Handpiece200 M

- Medium type
- Bur: $\phi 3.17$ mm / Medium

order code
P200-3GAL

High Speed Handpiece200 L

- Long type
- Bur: $\phi 3.17$ mm / Long



Irrigation Nozzle

order code
PD-IN-3S
For P200-3GAS (S)

order code
PD-IN-3M
For P200-3GAM (M)

order code
PD-IN-3L
For P200-3GAL (L)

Slim Handpiece

for $\varnothing 1.0$ mm bur **60,000 min⁻¹**

The Slim Handpiece has a narrow bur guard tip of 4.8mm in diameter. It allows direct visualization of a bur in surgical procedures with limited viewing access.



order code
PD-1A135

Long Slim Handpiece

- Long type
- Bur: $\varnothing 1.0$ mm / Long

order code
PD-1A155-10

Extra Long Slim Handpieces with a curvature of 10°

- Extra Long type
- Bur: $\varnothing 1.0$ mm / Extra Long

order code
PD-1A175-10

Super Long Slim Handpieces with a curvature of 10°

- Super Long type
- Bur: $\varnothing 1.0$ mm / Super Long

Super Slim Handpiece

for $\varnothing 1.0$ mm bur **24,000 min⁻¹**

The Super Slim Handpiece is designed with a bur guard tip of 2.1mm in diameter. Maximum rotational speed of 24,000 min⁻¹ allows sensitive cutting in endoscopic operations possible.



order code
PD-RA330

Special Long Super Slim Handpiece

- Special Long type
- Bur: $\varnothing 1.0$ mm / Special Long

Standard Angled Handpiece for ø2.35 mm bur **60,000 min⁻¹**

The Standard Angled Handpiece comes available in four different lengths to support diverse procedures, each with excellent cutting performance and stability.



order code
PD-2AES

Extra Short Standard Angle Handpiece

- Extra Short type
- Bur: ø2.35mm / Extra Short

order code
PD-2AS

Short Standard Angle Handpiece

- Short type
- Bur: ø2.35mm / Short

order code
PD-2AM

Medium Standard Angle Handpiece

- Medium type
- Bur: ø2.35mm / Medium

order code
PD-2AL

Long Standard Angle Handpiece

- Long type
- Bur: ø2.35mm / Long

Irrigation Nozzle

order code
PD-IN-2ES
For PD-2AES (ES)

order code
PD-IN-2S
For PD-2AS (S)

order code
PD-IN-2M
For PD-2AM (M)

order code
PD-IN-2L
For PD-2AL (L)



Standard Straight Handpiece for ø2.35 mm bur **60,000 min⁻¹**

The Standard Straight Handpiece comes available in three different lengths to support diverse procedures, each with excellent cutting performance and stability.



order code
PD-2SES

Extra Short Standard Straight Handpiece

- Extra Short type
- Bur: ø2.35mm / Extra Short

order code
PD-2SS

Short Standard Straight Handpiece

- Short type
- Bur: ø2.35mm / Short

order code
PD-2SM

Medium Standard Straight Handpiece

- Medium type
- Bur: ø2.35mm / Medium

Irrigation Nozzle

order code
PD-IN-2ES
For PD-2SES (ES)

order code
PD-IN-2S
For PD-2SS (S)

order code
PD-IN-2M
For PD-2SM (M)



Perforator Handpiece

1,200 min⁻¹

The high performance handpiece for trephination. It delivers stable torque, and achieves smooth and strong cutting performance.



order code
PD-PER

Perforator Handpiece

- Compatible Chuck: Hudson Chuck

Craniotome Handpiece

for ø3.17 mm bur

60,000 min⁻¹

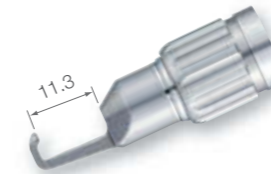
The high quality handpiece designed for craniotomy. Three different types of duraguards are available for variable cranial bone thickness. Strong cutting performance assists in a smooth operation.



order code
PD-CRA

Craniotome Handpiece

- Bur: Craniotome bur, Router bur
- Bundled Item: PD-CRD-M



order code
PD-CRD-P

Pediatric Duraguard

- Bur: Pediatric Craniotome bur, Pediatric Router bur



order code
PD-CRD-M

Medium Duraguard

- Bur: Medium Craniotome bur, Medium Router bur



order code
PD-CRD-L

Long Duraguard

- Bur: Long Craniotome bur, Long Router bur

Drill Handpiece for ø2.35 mm Twist Drill **60,000 min⁻¹**

The corresponding handpiece for a trephination. The NSK Drill Handpiece is available in straight and angled models for various types of operations.



order code
PD-2SD

Straight Drill Handpiece

- Bur: ø2.35 mm Twist Drill



order code
PD-2SDM

Straight Drill Handpiece M

- Corresponds to ø2.35mm burs



order code
PD-2AD

Angled Drill Handpiece

- Bur: ø2.35 mm Twist Drill



order code
PD-2ADM

Angled Drill Handpiece M

- Corresponds to ø2.35mm burs



Irrigation Nozzle

order code
PD-IN-D

For PD-2SD, PD-2AD

order code
PD-IN-2ES

For PD-2SDM, PD-2ADM

Contra Angle Handpiece

The Contra Angle Handpiece is useful when approaching at a blind angle. It is available in two types of speed reduction: 16:1 and 64:1.



order code
PD-CA-16

**Contra Angle Handpiece
16:1 Reduction**

- 16:1 Reduction (Speed: Max. 3,750 min⁻¹)
- Latch Type Chuck
- Corresponds to ø2.35mm CA burs



order code
PD-CA-64

**Contra Angle Handpiece
64:1 Reduction**

- 64:1 Reduction (Speed: Max. 940 min⁻¹)
- Latch Type Chuck
- Corresponds to ø2.35mm CA burs

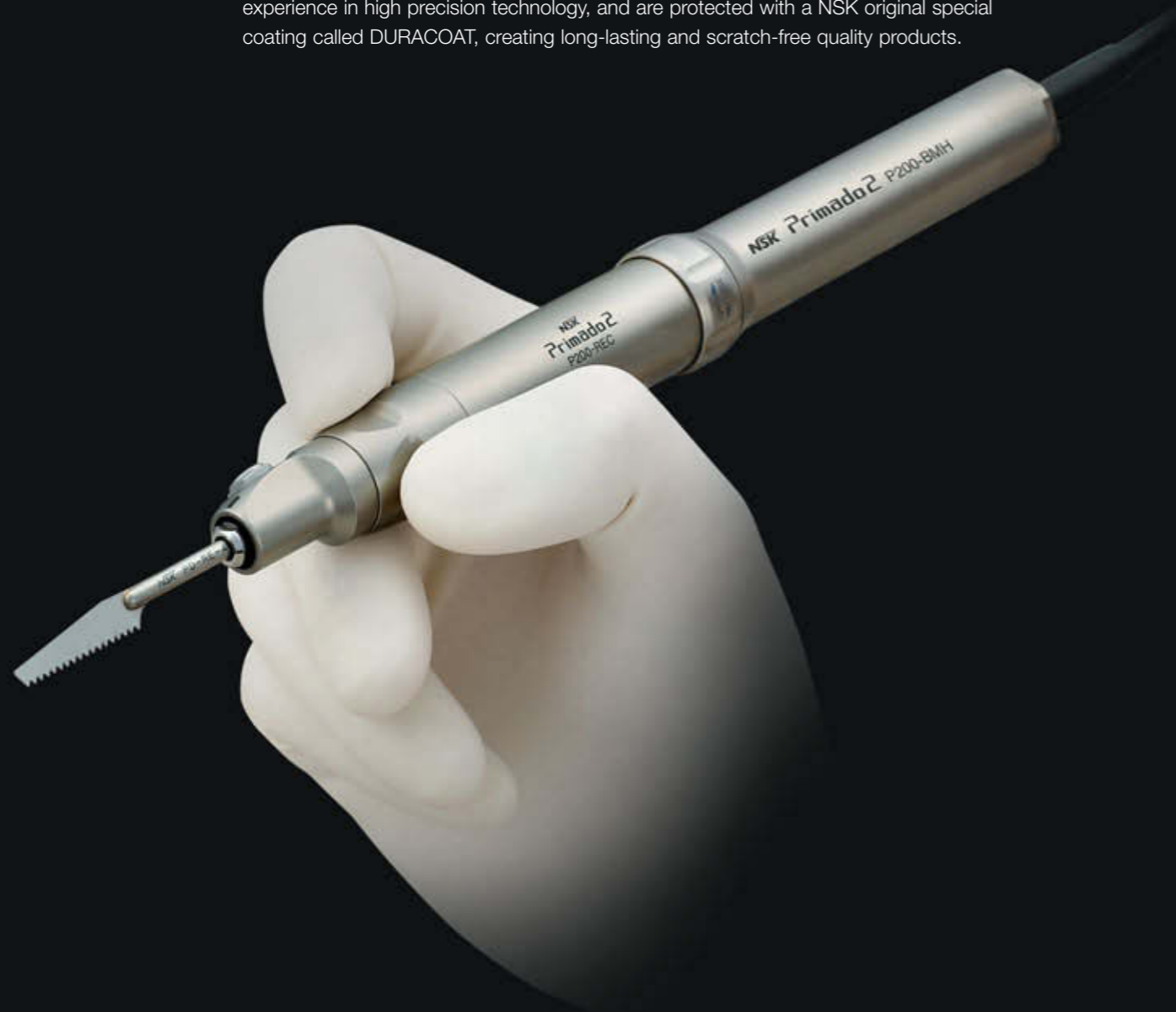
Micro Bone Saw Series

Slim Design : The streamlined design with the reduced weight delivers well-balanced handling.

High Performance : Excellent cutting performance paired with low rotational vibration creates smooth operation.

Easy Maintenance : All of the motors and handpieces can be washed by a thermo disinfectant.

Durable : Motors and handpieces are made to be highly durable due to NSK's long years of experience in high precision technology, and are protected with a NSK original special coating called DURACOAT, creating long-lasting and scratch-free quality products.



Primado2 Reciprocating Saw Handpiece 20,000 min⁻¹



order code
P200-REC-S

Primado2 Rec. Handpiece

- Speed: Max. 20,000 min⁻¹
- Stroke Length: 2.5 mm
- Blade: Reciprocating Saw Blades, Reciprocating Rasps
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



order code
P200-REC-S-HS

Primado2 Rec. Handpiece/HS

- Hand Control type
- Speed: Max. 20,000 min⁻¹
- Stroke Length: 2.5 mm
- Blade: Reciprocating Saw Blades, Reciprocating Rasps
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



Irrigation Nozzle

order code
P200-IN-BS

For P200-REC-S, P200-REC-S-HS



Reciprocating Saw Handpiece



Sagittal Saw Handpiece



Oscillating Saw Handpiece



order code
P200-SAG-S

Primado2 Sag. Handpiece

- Speed: Max. 20,000 min⁻¹
- Angle of Oscillation: 8°
- Blade: Sagittal and Oscillating Saw Blades
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



order code
P200-OSC-S

Primado2 Osc. Handpiece

- Speed: Max. 20,000 min⁻¹
- Angle of Oscillation: 8°
- Blade: Sagittal and Oscillation Saw Blades, Oscillating Saw Blades (for Intra Oral)
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



order code
P200-SAG-S-HS

Primado2 Sag. Handpiece/HS

- Hand Control type
- Speed: Max. 20,000 min⁻¹
- Angle of Oscillation: 8°
- Blade: Sagittal and Oscillating Saw Blades
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



order code
P200-OSC-S-HS

Primado2 Osc. Handpiece/HS

- Hand Control type
- Speed: Max. 20,000 min⁻¹
- Angle of Oscillation: 8°
- Blade: Sagittal and Oscillation Saw Blades, Oscillating Saw Blades (for Intra Oral)
- Bundled Item: Spray Adaptor for Bone Saw (see p.40)



order code
PD-OSC-A

Adaptor

- Blade: Oscillating Saw Blades (for Intra Oral)
- Bundled Item: Corresponding wrench(1), and screws (2)



order code
P200-IN-BS

For P200-SAG-S, P200-SAG-S-HS



order code
P200-IN-BS

For P200-OSC-S, P200-OSC-S-HS

Wire Pin Driver Series

Powerful : Delivers powerful pinning, wiring, and drilling through elaborate design.

Ergonomic Design : Smart design lies comfortably in the surgeon's hand and creates smooth handling and high operability.

Easy Maintenance : All of the motors and attachments can be washed by a thermo disinfectant.



Primado2 Wire Pin Driver



order code
P200-WPD

Primado2 Wire Pin Driver

- Speed : Max. 1,200 min⁻¹
- Rotation Mode: Forward, Reverse, Oscillating
- Bundled Item: Spray Adaptor (see p.40)

Wire & Pin Collet

1,200 min⁻¹



order code
PD-DA-W
Primado Wire Collet
• ø0.6–ø1.9 mm

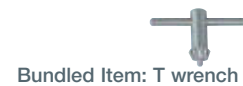
order code
PD-DA-P
Primado Pin Collet
• ø2.0–ø3.2 mm

Drill Attachment

1,200 min⁻¹



order code
PD-DA-J4
Jacobs Keyed Drill Chuck
• ø0.5–ø4.0 mm



Bundled Item: T wrench

order code
PD-DA-J6
Jacobs Keyed Drill Chuck
• ø0.5–ø6.5 mm



Bundled Item: T wrench

order code
PD-DA-A
AO Drill Chuck

order code
PD-DA-K
Keyless Drill Chuck
• ø0.6–ø7.4 mm

Reamer Attachment

300 min⁻¹



order code
PD-RA-M
Hudson Modified
Trinkle Reamer

order code
PD-RA-H
Hudson Reamer

order code
PD-RA-T
Trinkle Reamer

order code
PD-RA-A
AO Reamer

Saw Attachment

12,000 min⁻¹



order code
PD-SA-R
Reciprocating Saw
Attachment

• Blade: Reciprocating Saw Blades,
Reciprocating Rasps

order code
PD-SA-S

Sagittal Saw Attachment

• Blade: Sagittal and Oscillating Saw Blades

Sterilization Case



order code
SC-ML
Sterilization Metal Lid



order code
SC-T-F
Sterilization Tray Divider-Free

- Dimensions : W480 x D250 x H60 (mm)



order code
SC-C-H70
Sterilization Case/H70

- Dimensions : W512 x D262 x H70 (mm)
- The case intended to hold a single tray



order code
SC-SM
Silicone Mat

- The mat for the Sterilization Tray



order code
SC-C-H125
Sterilization Case/H125

- Dimensions : W512 x D262 x H125 (mm)
- The case intended to hold 2 trays

Mobile Trolley

NSK offers a specially designed mobile trolley for the Primado control unit which is not only practical but also elegant. In this way, all the equipment can be stored in one place allowing easy access when needed. The trolley has adjustable height, lockable wheels and a bracket for the cable on the side.



order code
Z299
iCart-L Mobile Trolley

- Dimensions : W360 x D420 x H800 (mm)
- Weight : 10 kg

Irrigation Tube

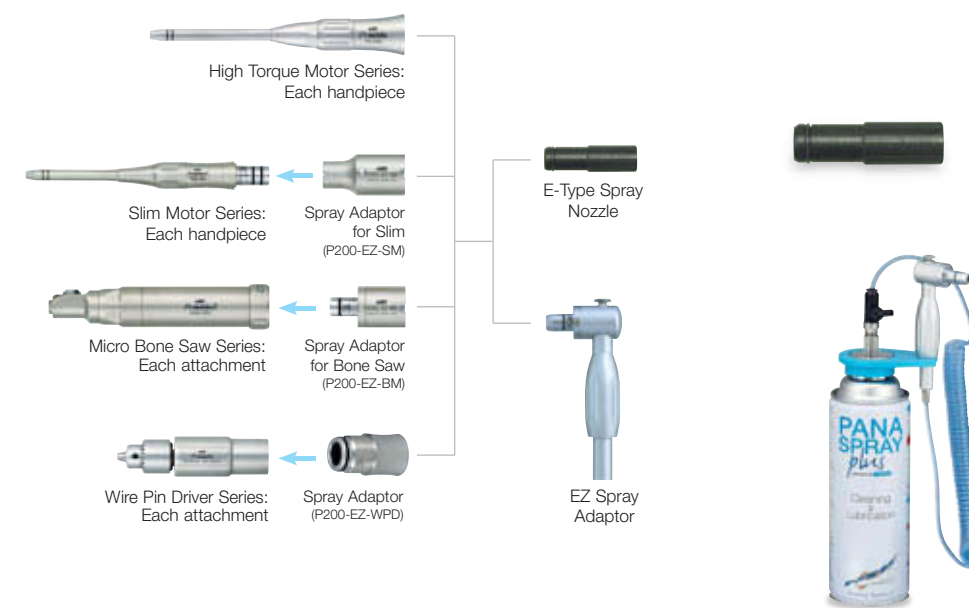


order code
PD-IT2S
Surgical Irrigation Tube

- 5 pcs/ set (Sterilized)

Maintenance

PANA SPRAY Plus is a specially formulated, highly effective general handpiece lubricant. Frequent application of PANA SPRAY Plus will assure handpiece performance and durability. Apply PANA SPRAY Plus to handpieces after "Cleaning" in the maintenance process.



order code
Z182100

- PANA Spray Plus**
- For Handpieces, 480 mL
 - Alcohol-contained Lubricant

order code
Y900630

- PANA Spray Plus (6pcs)**
- Pack of 6

order code
Z019090

- E-Type Spray Nozzle**
- For Handpieces

order code
PD-EZ-M

- EZ Spray Adaptor**
- PANA Spray Plus is not included

Spray Mist Absorber

A convenient way to avoid mist spray from escaping into the environment. Simply insert the handpiece into the Absorber Pack then apply the spray lubricant.



order code
Y900084

- Spray Mist Absorber**
- Pack of 10