



SLIM MOTOR SERIES

- Primado Air Slim Motor
- Slim Handpiece 200
- Super Slim Handpiece 200
- Standard Angled Handpiece 200
- Standard Straight Handpiece 200
- Perforator / Drill Handpiece 200
- Craniotome Handpiece 200
- Metal Cutting Handpiece 200

MICRO BONE SAW SERIES

- Primado Air Bone Saw Motor
- Bone Saw Attachment

FOOT CONTROL

- Primado Air Foot Control



CREATE IT.

Stability of Silence

In 2006, NAKANISHI launched the first generation of Primado, an electric high speed drill system.

The products with the aid of high speed rotation technology developed by NAKANISHI for years have received the high praises from doctors around the world.

Primado Air, is given a shape with a clear objective to achieve a powerful cutting performance and well-balanced handling.

Precise and sophisticated design contributing to the stability of silence creates a new era of pneumatic drill with a stable rotation performance to succeed one of the most remarkable features of Primado series.

We invite you to experience Primado Air – the new era of pneumatic drills.

Primado Air

Stability of Silence

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Primado Air

Slim Motor Series



Primado Air Slim Motor 06



Slim Handpiece 200 07



Super Slim Handpiece 200 08



Standard Angled Handpiece 200 09



Standard Straight Handpiece 200 10



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Craniotome Handpiece 200 12

Micro Bone Saw Series



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Foot Control



Primado Air Foot Control 15

STABILITY OF SILENCE

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Slim Motor Series

Power and Low Noise : NSK's high speed rotation technology achieves powerful cutting with a low level of noise.

Stability : Primado Air's sophisticated design ensures a stable and secure feel.

Compact : The slim, lightweight design delivers good handling and high performance.

Compatibility : All handpieces are compatible with Primado2 High Speed Electric Drill System.



Primado Air Slim Motor



PDA-SMH-HS

PDA-SMH

order code

PDA-SMH-HS

Primado Air Slim Motor/HS

- Hand Control type
- Speed : Max. 80,000 min⁻¹
- Available handpieces : 20 types
- Bundled Item :
PDA-CP-SMH, PDA-CP-MP (see p.15)
PDA-EZ-SMH, P200-EZ-SM (see p.16)

order code

PDA-SMH

Primado Air Slim Motor

- Speed : Max. 80,000 min⁻¹
- Available handpieces : 20 types
- Bundled Item :
PDA-CP-SMH, PDA-CP-MP (see p.15)
PDA-EZ-SMH, P200-EZ-SM (see p.16)

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

The Slim Handpiece 200 has a 4.8mm diameter bur guard. Various length in curved and straight models that deliver great visualization in endoscopic and minimally invasive spine procedures. The bur guard can be removed with a wrench that is included to provide easy maintenance.



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

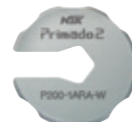
- Super Long, Curving type
- Bur : $\varnothing 1.0$ mm / Super Long

order code

P200-1ARA-W

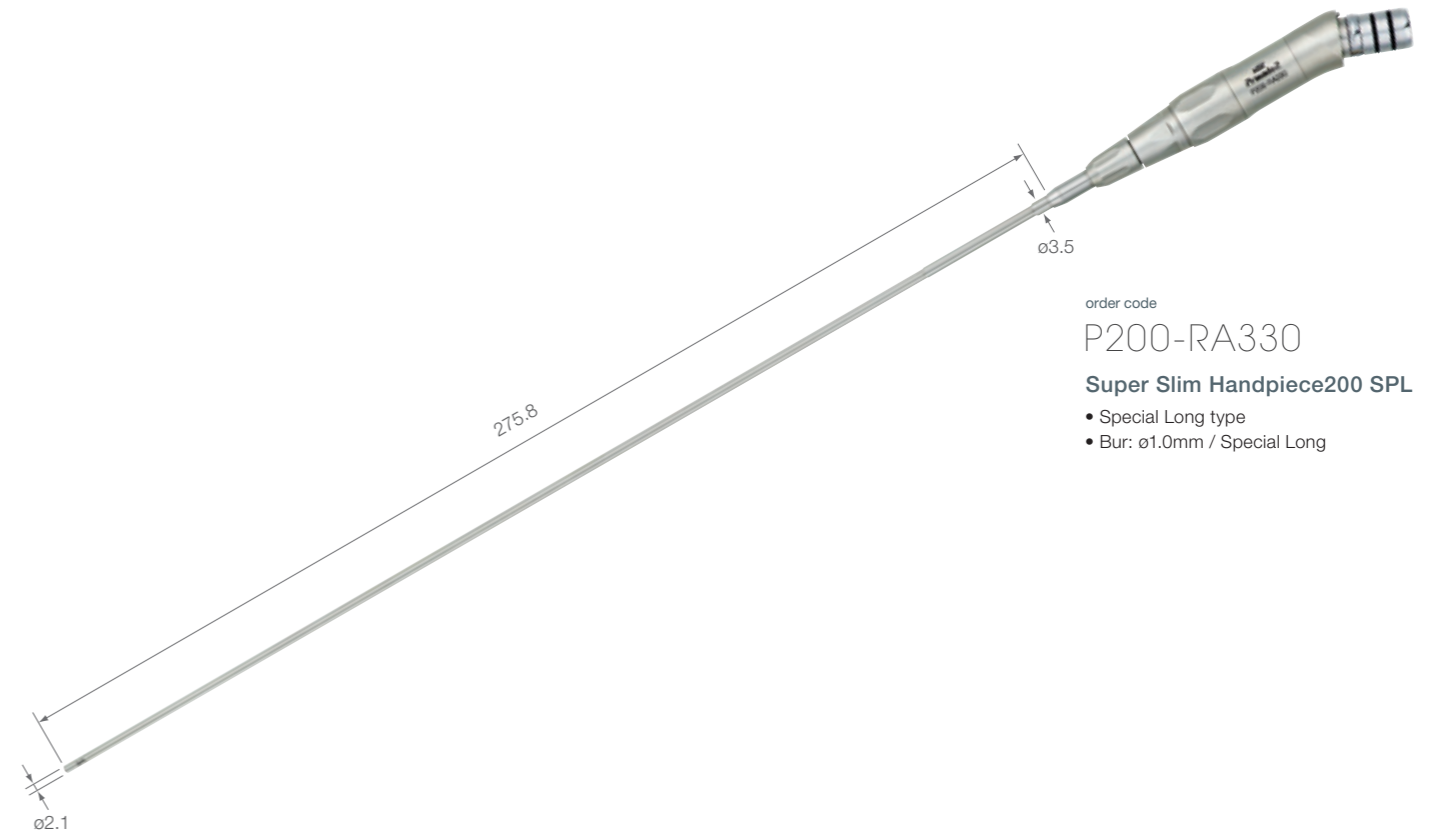
Wrench for Slim/Super Slim

- 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 has a 2.1mm diameter bur guard. It is exclusively designed to perform the endoscopic procedure with precise and sensitive drilling of 20,000min⁻¹ at maximum in rotation speed. The bur guard can be removed with a wrench that is included to provide easy maintenance.



order code

P200-RA330

Super Slim Handpiece200 SPL

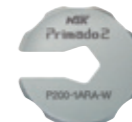
- Special Long type
- Bur: $\varnothing 1.0$ mm / Special Long

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 $\varnothing 2.35$ mm bur 80,000 min⁻¹

Five different lengths of handpieces are available with the Standard Angled Handpiece 200 to address various types of procedures. Consistent rotation and well-balanced ergonomic design relieves fatigue.



order code

P200-2AMS

Std. Angled Handpiece200 MS

- Mini type
- Bur : $\varnothing 2.35$ mm / MS



order code

P200-2AES

Std. Angled Handpiece200 ES

- Extra Short type
- Bur : $\varnothing 2.35$ mm / Extra Short



order code

P200-2AS

Std. Angled Handpiece200 S

- Short type
- Bur : $\varnothing 2.35$ mm / Short



order code

P200-2AM

Std. Angled Handpiece200 M

- Medium type
- Bur : $\varnothing 2.35$ mm / Medium



order code

P200-2AL

Std. Angled Handpiece200 L

- Long type
- Bur : $\varnothing 2.35$ mm / Long

Standard Straight Handpiece 200 for $\varnothing 2.35$ mm bur 80,000 min⁻¹

Five different lengths of handpieces are available with the Standard Straight Handpiece 200 to address various types of procedures. Consistent rotation and well-balanced ergonomic design relieves fatigue.



order code

P200-2SMS

Std. Straight Handpiece200 MS

- Mini type
- Bur : $\varnothing 2.35$ mm / MS

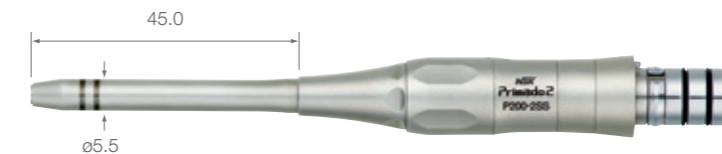


order code

P200-2SES

Std. Straight Handpiece200 ES

- Extra Short type
- Bur : $\varnothing 2.35$ mm / Extra Short

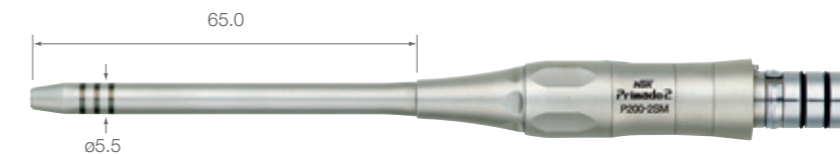


order code

P200-2SS

Std. Straight Handpiece200 S

- Short type
- Bur : $\varnothing 2.35$ mm / Short

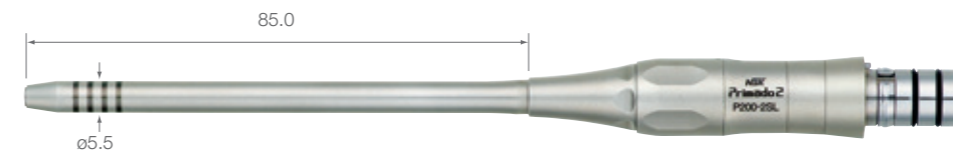


order code

P200-2SM

Std. Straight Handpiece200 M

- Medium type
- Bur : $\varnothing 2.35$ mm / Medium



order code

P200-2SL

Std. Straight Handpiece200 L

- Long type
- Bur : $\varnothing 2.35$ mm / Long

Perforator Handpiece 200 $1,250 \text{ min}^{-1}$

The perforator 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 $\varnothing 2.35 \text{ mm}$ Twist Drill $80,000 \text{ min}^{-1}$

The corresponding handpiece for a trephination.



order code

P200-2SD

Straight Drill Handpiece200

- Bur : $\varnothing 2.35 \text{ mm}$ twist drill

Metal Cutting Handpiece 200 for $\varnothing 3.17 \text{ mm}$ bur $80,000 \text{ min}^{-1}$

The corresponding handpiece for cutting implants.



order code

P200-3MC

Metal Cutting Handpiece200

- Bur : Metal Cutting Carbide Bur
Metal Cutting Diamond Disc

Craniotome Handpiece 200 for $\varnothing 3.17 \text{ mm}$ bur $80,000 \text{ min}^{-1}$

The craniotome handpiece designed for cranial surgery. Three different size of duraguards are available for variable cranial bone thickness from pediatric to adult. Newly offered rotatable duraguard enables smooth and powerful cutting performance contributing to the less fatigue and stress.



order code

P200-CRA

Craniotome Handpiece200

- Bur : Craniotome bur, Router bur



order code

P200-CRD-P

Pediatric Duraguard200

- Bur : Pediatric Craniotome bur,
Pediatric Router bur



order code

P200-RCRD-P

Rotatable Duraguard200 P

- Bur : Pediatric Craniotome bur,
Pediatric Router bur



order code

P200-CRD-M

Medium Duraguard200

- Bur : Medium Craniotome bur,
Medium Router bur



order code

P200-RCRD-M

Rotatable Duraguard200 M

- Bur : Medium Craniotome bur,
Medium Router bur

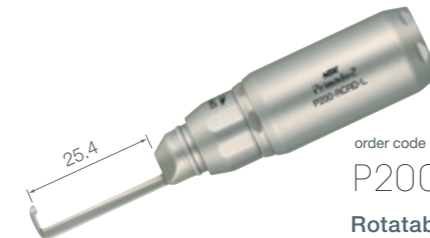


order code

P200-CRD-L

Long Duraguard200

- Bur : Long Craniotome bur,
Long Router bur



order code

P200-RCRD-L

Rotatable Duraguard200 L

- Bur : Long Craniotome bur,
Long Router bur

Micro Bone Saw Series

Power and Low Noise : NSK's high speed rotation technology achieves powerful cutting with a low level of noise.

Stability : Primado Air's sophisticated design ensures a stable and secure feel.

Compact : The slim, lightweight design delivers good handling and high performance.

Compatibility : All handpieces are compatible with Primado2 High Speed Electric Drill System.



Reciprocating
Saw Attachment



Sagittal Saw
Attachment



Oscillating Saw
Attachment

Primado Air Bone Saw 20,000 min⁻¹



order code

PDA-BMH-HS

Primado Air Bone Saw Motor/HS

- Hand Control type
- Available Attachments : 3 types
- Bundled Item :
PDA-CP-BMH, PDA-CP-MP (see p.15)
PDA-EZ-BMH, P200-EZ-BM (see p.16)

order code

PDA-BMH

Primado Air Bone Saw Motor

- Available Attachments : 3 types
- Bundled Item :
PDA-CP-BMH, PDA-CP-MP (see p.15)
PDA-EZ-BMH, P200-EZ-BM (see p.16)

order code

P200-REC

Primado2 Rec. Attachment

- Stroke Length : 2.5 mm
- Blade : Reciprocating Saw Blades,
Reciprocating Rasps

order code

P200-SAG

Primado2 Sag. Attachment

- Angle of Oscillation : 8°
- Blade : Sagittal and Oscillating Saw Blades

order code

P200-OSC

Primado2 Osc. Attachment

- Angle of Oscillation : 8°
- Blade : Sagittal and Oscillation Saw Blades,
Oscillating Saw Blades
(for Intra Oral)

order code

PD-OSC-A

Adaptor

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

Primado Air Foot Control



order code
PDA-FC
Primado Air Foot Control
• Variable speed control



PDA-FCH-SCH



PDA-FCH-DN

order code
PDA-FCH-SCH
Foot Control Hose/Schrader

order code
PDA-FCH-DN
Foot Control Hose/N-DISS

Maintenance



order code
PDA-CP-SMH
Cap/Slim Motor

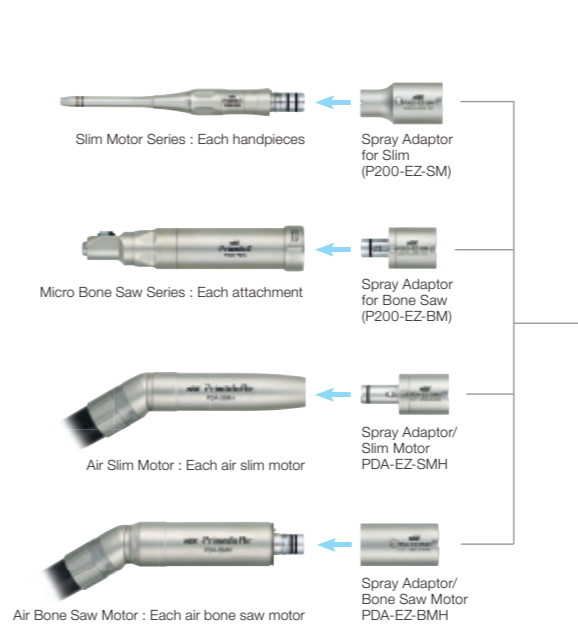


order code
PDA-CP-BMH
Cap/Bone Saw Motor



order code
PDA-CP-MP
Cap/Motor Plug

Lubrication



order code
Z182100
PANA Spray Plus
• For Handpieces, 500 mL
• Alcohol-contained Lubricant

order code
Y900630
PANA Spray Plus (6pcs)
• Pack of 6

order code
PD-EZ-M
EZ Spray Adaptor
• PANA Spray Plus is not included

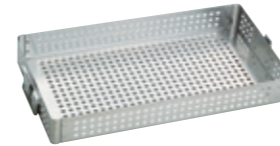
Sterilization Case



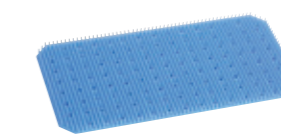
order code
SC-ML
Sterilization Metal Lid



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)
• Single level case



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)
• Double level case

NSK The Company

Bringing Something New to The World

Developing advanced technologies that never cease to amaze. That can only be achieved through commitment and a passion for reliable craftsmanship.

The ideas its craftsmen express transcend words.

Delivering the best means a refusal to compromise in any aspect of a product and a firm commitment to meticulous approach that will never yield, even in the face of failure.

Turn your eyes to the production sites where products are crafted and you will find the philosophy that has underpinned NSK since its foundation.



Quality Results from Processes

This has been the NSK policy since its foundation. Up to 30 processes may be necessary to create one complete component from a bar of raw material. The total number of machining processes required to create all parts of a single product is 930. This figure was arrived at through vast experience and knowledge accumulated over the years on a mission to deliver uniform quality. If the individual processes do not attain the degree of accuracy needed, the final product will not deliver the requisite high precision. First, the best computer-controlled lathes for primary processing from among 200 machines divided into 30 models are chosen. Production can then be initiated with special dedicated jigs and equipment for manufacturing parts. Part precision is further enhanced via number of detailed processes using specialized testing equipment. Ensuring micron-scale accuracy is crucial. In pursuit of such accuracy, NSK's key strength lies in the ability to internally manage integrated production from the component stage. To ensure high quality, defective parts are never passed. Manufacturing is a constant battle to push the limits. And the state-of-the-art manufacturing pursued by NSK is a never-ending challenge.



Global Network

NSK is setting up business units worldwide to satisfy local needs.

We have established sales subsidiaries in Germany, France, the United Kingdom and Spain to bolster sales and support. In 2008 we constructed our European headquarters in Frankfurt. We also set up centralised warehousing and logistics capabilities to deliver products promptly to European customers and enhance their satisfaction.

Our global network encompasses subsidiaries that began operations in Dubai in 2000, Shanghai 2005, Russia and Oceania in 2007 and Singapore 2009.

In 2011 we built a facility in suburban Chicago to oversee sales and service in the United States and Canada. The latest addition to our network is a subsidiary which we established in Brazil in 2013.



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Specifications are subject to change without notice.