

Primado Air



NSK

NSK The Company

To us, KANUMA is the center of the world.

It was here in Kanuma that we first started and it is here where we will continue to create the best in class, high-speed rotation technology in the world. "Made in Japan" symbolizes world class quality and craftsmanship and now "Made in Kanuma" will define the finest quality in high-speed drills across the world.



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. If the individual processes do not attain the degree of accuracy needed, the final product will not deliver the requisite high precision. 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 an never-ending challenge.



Global Network

NSK has sales subsidiaries in 15 countries with each subsidiary actively conducting sales and marketing activities in its local territory, providing detailed after-sales services and attracting new NSK fans every day. Furthermore, NSK is also collaborating with import agents in other countries and building strong ties to promote sales in local areas. NSK has built a solid global sales network and exports to 135 countries. The voice of our sales partners is important, and NSK strives to ensure quick and reliable support. These strong partnerships can then transfer to our customers, who can be fully confident in our brand and products.



Stability Of Silence

Stable Rotation

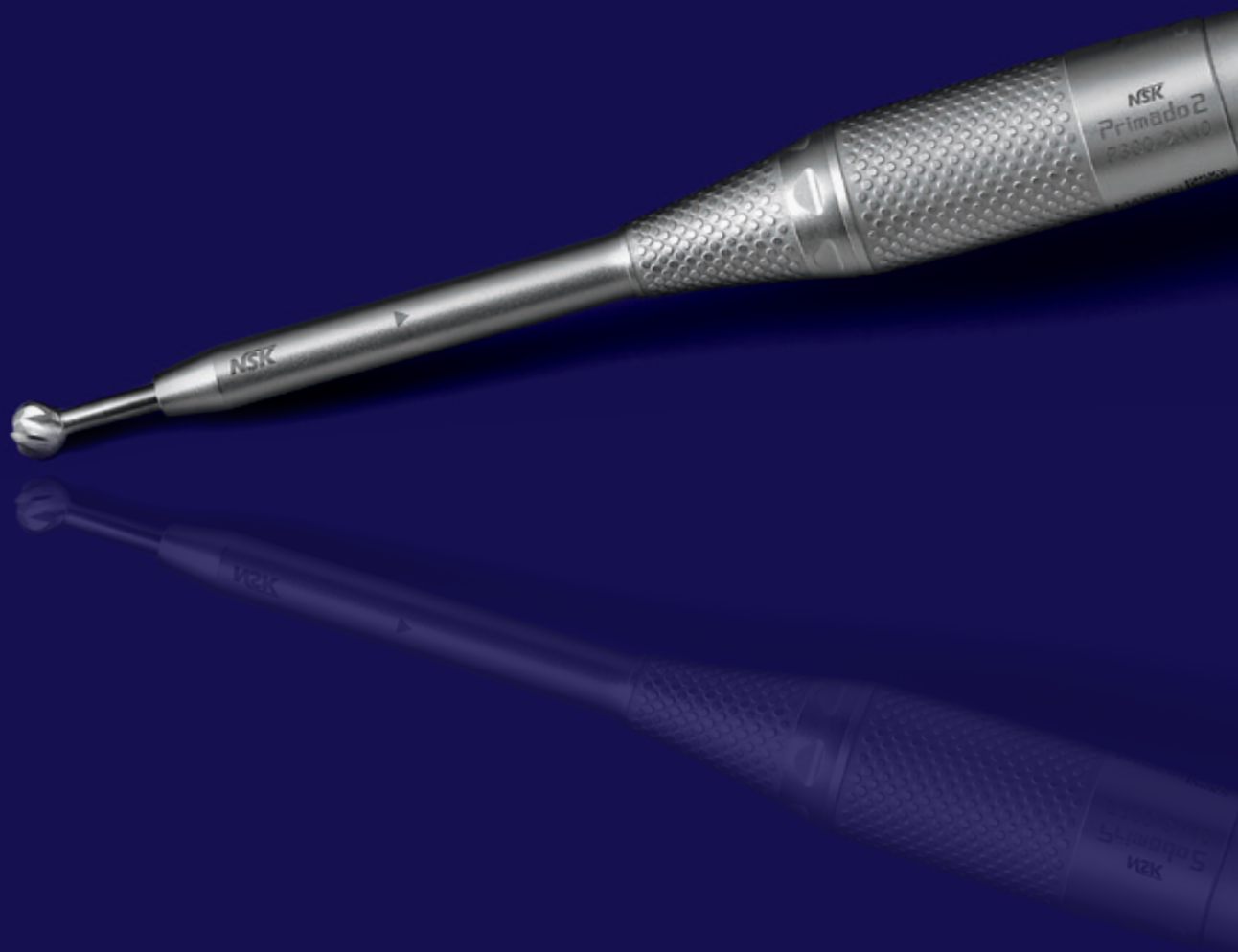
- The special pneumatic motor provides both powerful cutting performance and low noise
- Less run-out delivers precise, smooth bone cutting performance

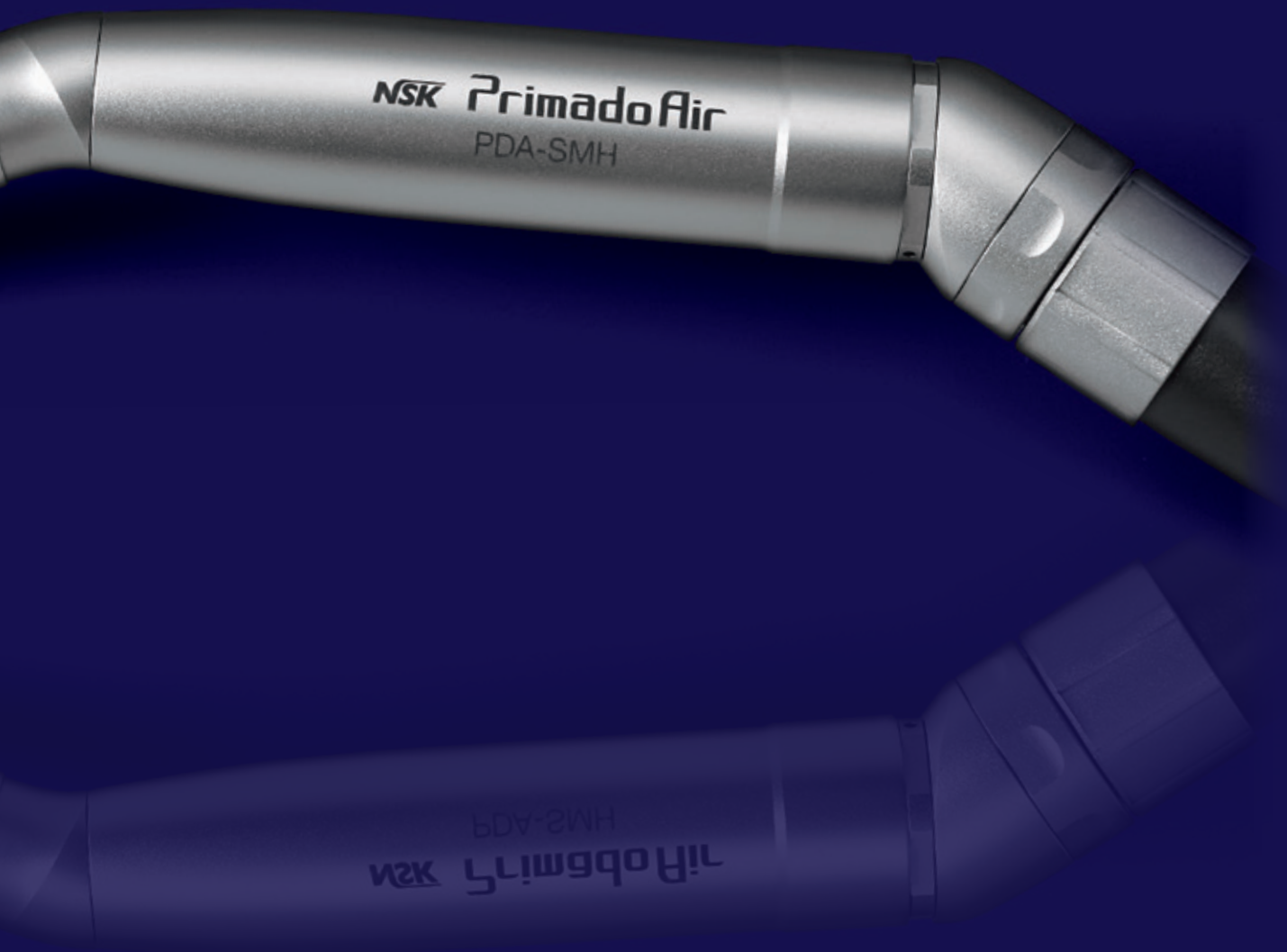
Uncompromising Design

- Variable exposure allows for versatility of surgical procedures *P300 Attachment
- High quality cutting accessories made with innovative technology

Better Usability

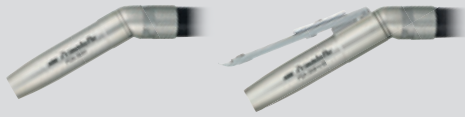
- The universal bur length system features one bur shank length that can be used with any length attachment *Standard Attachment 300
- The risk of excessive heat development and consequent malfunction as a result of insufficient cleaning is reduced



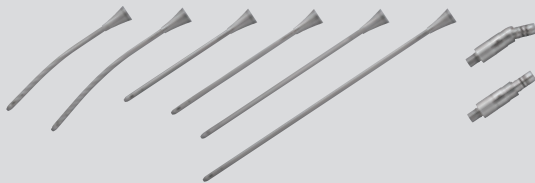


Product Lineup

Slim Motor Series



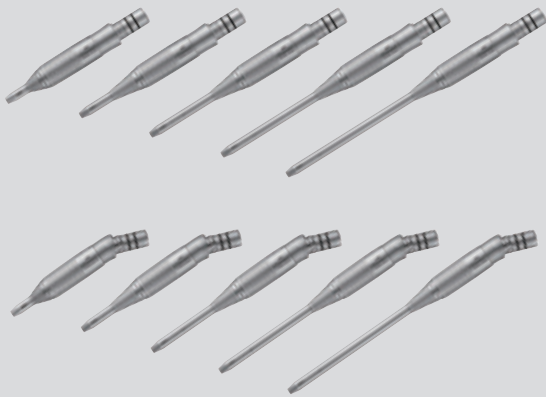
Primado Air Slim Motor



Slim Attachment 300



Super Slim Handpiece 200



Standard Attachment 300



Perforator

Drill

Craniotome



Contra Angle

Metal Cutting

Micro Bone Saw Series



Primado Air Bone Saw Motor



Reciprocating Saw Attachment



Sagittal Saw Attachment



Oscillating Saw Attachment

Foot Control



Primado Air Foot Control

Reprocessing



Cleaning Tool



PANA Spray Plus

Primado Air Foot Control

The incorporated relief valve protects against overpressure and prevents excessive speed

An open pedal design enables precise and easy control

A control mode switch lever allows either foot or hand operation modes



Order Code

PDA-FC

Primado Air Foot Control

• Variable speed control

Order Code

PDA-FCH-SCH

Foot Control Hose/Schrader



Order Code

PDA-FCH-DN

Foot Control Hose/N-DISS



Slim Motor Series

Compact and lightweight design prevents surgeon fatigue during procedures

A variety of attachments are available

Quick Joint allows for an easy attachment-motor connection



Primado Air Slim Motor

- Speed : Max. 80,000 min⁻¹
- Bundled Item : PDA-CP-SMH, PDA-CP-MP (see p.19)
PDA-EZ-SMH, P200-EZ-SM (see p.20)



Order Code
PDA-SMH
Primado Air Slim Motor



Order Code
PDA-SMH-HS
Primado Air Slim Motor/HS
· Hand Control type

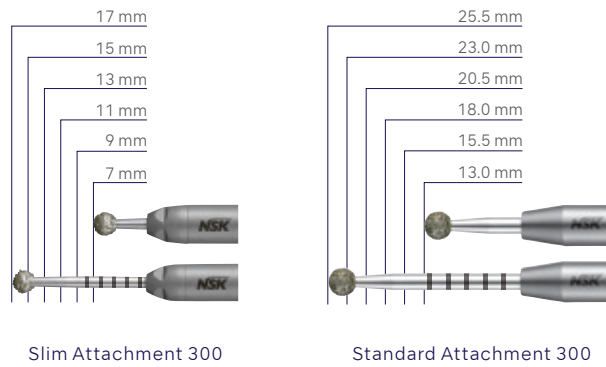
P300 Attachment Key Features



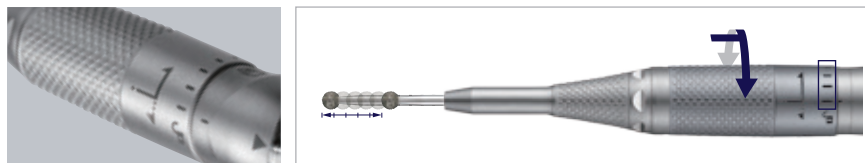
The stable rotation performance is consistent with current P200 attachments, however, the P300 attachments are designed to improve visibility, smooth operation, and safety.

Variable Exposure

- Improved accessibility and visibility due to the 6-step adjustment mechanism

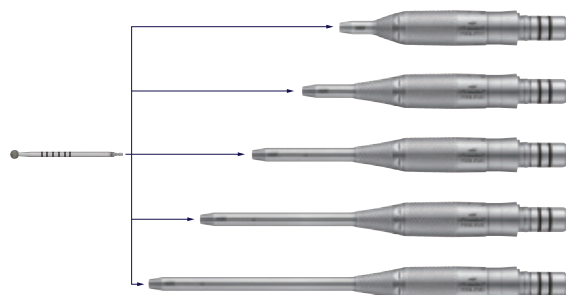


- The attachment's twist collet allows for variable exposure without having to handle the bur. *Standard Attachment 300



Universal Bur Length System *Standard Attachment 300

- One bur size fits all lengths of attachment
- Easier management in the operating room



Slim Attachment 300 $80,000\text{min}^{-1}$

Slim Attachment Hub

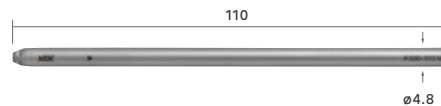


Order Code
P300-1AHS
Slim Attachment Hub/Straight

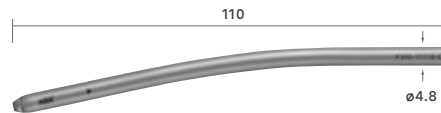


Order Code
P300-1AHA
Slim Attachment Hub/Angled

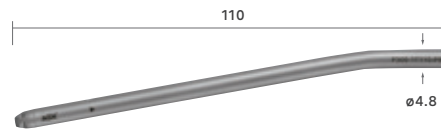
Slim Tube



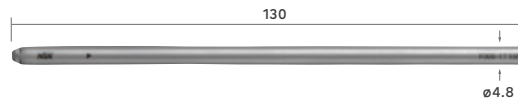
Order Code
P300-1T110
Slim Tube 110



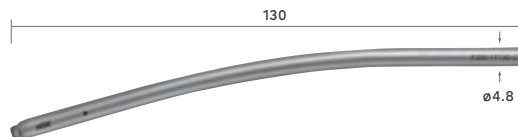
Order Code
P300-1T110-C
Slim Tube 110/C



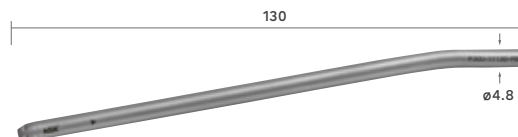
Order Code
P300-1T110-PB
Slim Tube 110/PB



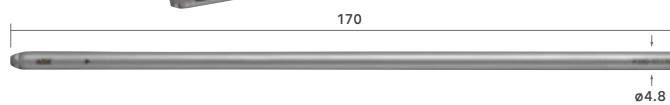
Order Code
P300-1T130
Slim Tube 130



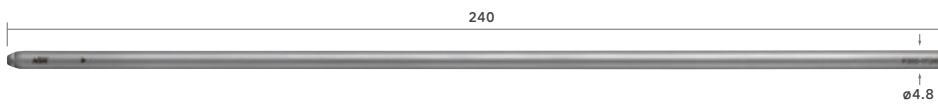
Order Code
P300-1T130-C
Slim Tube 130/C



Order Code
P300-1T130-PB
Slim Tube 130/PB



Order Code
P300-1T170
Slim Tube 170



Order Code
P300-1T240
Slim Tube 240

Accessory



Order Code
P300-1T-B
Slim Tube Beak



Order Code
P300-1T-H
Slim Tube Hood

Standard Attachment 300 80,000min⁻¹

Straight



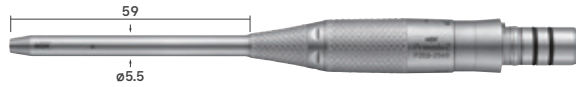
Order Code
P300-2S10
STD Attachment 10/Straight



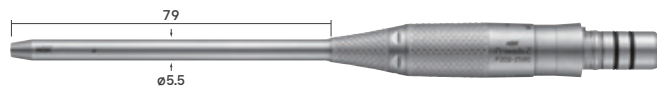
Order Code
P300-2S20
STD Attachment 20/Straight



Order Code
P300-2S40
STD Attachment 40/Straight



Order Code
P300-2S60
STD Attachment 60/Straight



Order Code
P300-2S80
STD Attachment 80/Straight

Angled



Order Code
P300-2A10
STD Attachment 10/Angled



Order Code
P300-2A20
STD Attachment 20/Angled



Order Code
P300-2A40
STD Attachment 40/Angled



Order Code
P300-2A60
STD Attachment 60/Angled



Order Code
P300-2A80
STD Attachment 80/Angled

Accessory



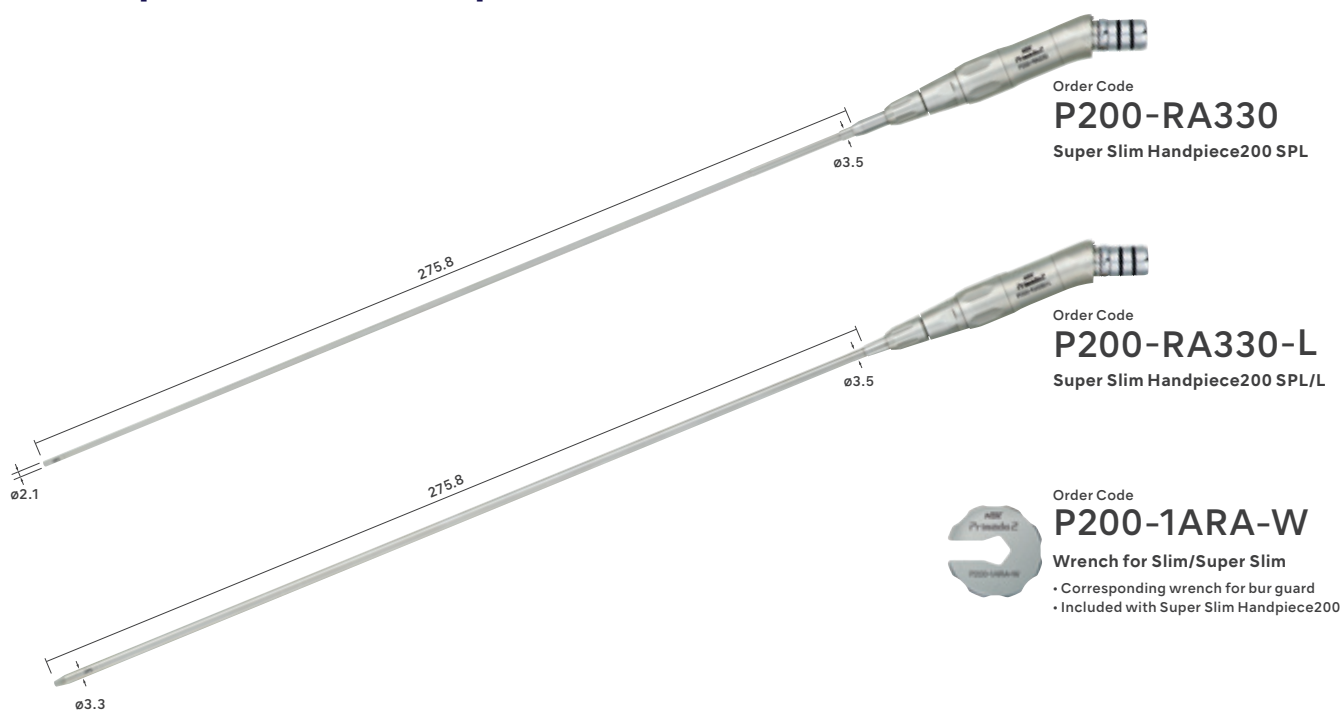
Order Code
P300-2-B
STD Attachment Beak



Slim Handpiece 200 80,000min⁻¹



Super Slim Handpiece 200 20,000min⁻¹



Standard Handpiece 200 80,000min⁻¹

Straight



Order Code
P200-2SMS
Std. Straight Handpiece200 MS



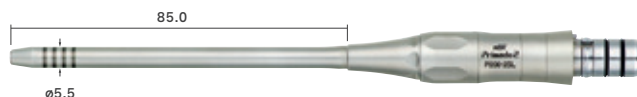
Order Code
P200-2SES
Std. Straight Handpiece200 ES



Order Code
P200-2SS
Std. Straight Handpiece200 S



Order Code
P200-2SM
Std. Straight Handpiece200 M



Order Code
P200-2SL
Std. Straight Handpiece200 L

Angled



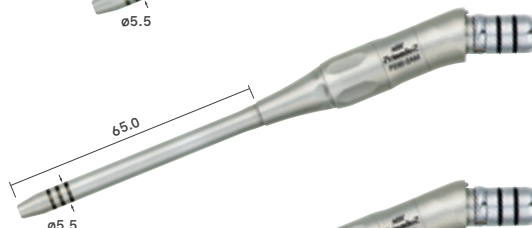
Order Code
P200-2AMS
Std. Angled Handpiece200 MS



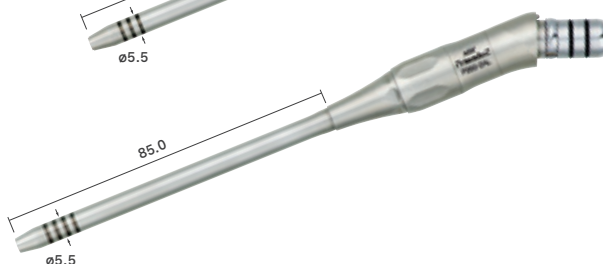
Order Code
P200-2AES
Std. Angled Handpiece200 ES



Order Code
P200-2AS
Std. Angled Handpiece200 S



Order Code
P200-2AM
Std. Angled Handpiece200 M



Order Code
P200-2AL
Std. Angled Handpiece200 L

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



Order Code

P200-PER

Perforator Handpiece200

• Compatible Chuck : Hudson Chuck

Drill Handpiece 200 $80,000\text{min}^{-1}$



Order Code

P200-2SD

Straight Drill Handpiece 200

Contra Angle Handpiece 200



Order Code

P200-CA-4

Contra Angle Handpiece200 4:1

- 4:1 Reduction
(Speed: Max. $20,000\text{min}^{-1}$)
- Latch Type Chuck
- Corresponds to $\varnothing 2.35\text{mm}$ CA burs

Craniotome Handpiece 200 80,000min⁻¹



Order Code
P200-CRA
Craniotome Handpiece200



Order Code
P200-CRD-P
Pediatric Duraguard200



Order Code
P200-RCRD-P
Rotatable Duraguard200 P



Order Code
P200-CRD-M
Medium Duraguard200



Order Code
P200-RCRD-M
Rotatable Duraguard200 M



Order Code
P200-CRD-L
Long Duraguard200



Order Code
P200-RCRD-L
Rotatable Duraguard200 L

Metal Cutting Handpiece 200 80,000min⁻¹



Order Code
P200-3MC
Metal Cutting Handpiece200

Micro Bone Saw Series

| A modular system in which one motor accepts 3 different types of saws

| Designed for powerful cutting performance and less vibration

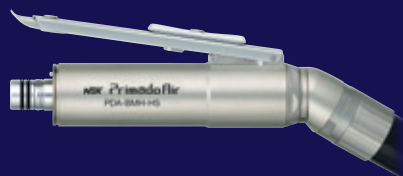


Primado Air Bone Saw Motor

- Speed : Max. 20,000 min⁻¹
- Bundled Item : PDA-CP-BMH, PDA-CP-MP (see p.19)
PDA-EZ-BMH, P200-EZ-BM (see p.20)



Order Code
PDA-BMH
Primado Air Bone Saw Motor



Order Code
PDA-BMH-HS
Primado Air Bone Saw Motor/HS
·Hand Control type

Reciprocating Saw 20,000min⁻¹



Order Code

P200-REC

Primado2 Rec. Attachment
• Stroke Length : 2.5mm

Sagittal Saw 20,000min⁻¹



Order Code

P200-SAG

Primado2 Sag. Attachment
• Angle of Oscillation : 8°

Oscillating Saw 20,000min⁻¹



Order Code

P200-OSC

Primado2 Osc. Attachment
• Angle of Oscillation : 8°



Order Code

PD-OSC-A

Adaptor For Oscillating Saw
• Corresponding wrench (1), and screws (2)

Accessories

Cleaning Tool

The risk of excessive heat development and consequent malfunction as a result of insufficient cleaning is reduced



Manual cleaning



Washer disinfector



Order Code
PD-CTH
Cleaning Holder
• Bundled Item: PD-CTTU-606501
PD-CTTU-600504



Order Code
PD-CTAD-G
Cleaning Adaptor G
• For drying



Order Code
PD-CTAD-SM
Cleaning Adaptor SM
For Slim Motor Series each attachment



Order Code
PD-CTAD-LM
Cleaning Adaptor Luer M



Order Code
PD-CTAD-1T
Cleaning Adaptor 1T
For Slim Tube



Order Code
PD-CTAD-LF
Cleaning Adaptor Luer F

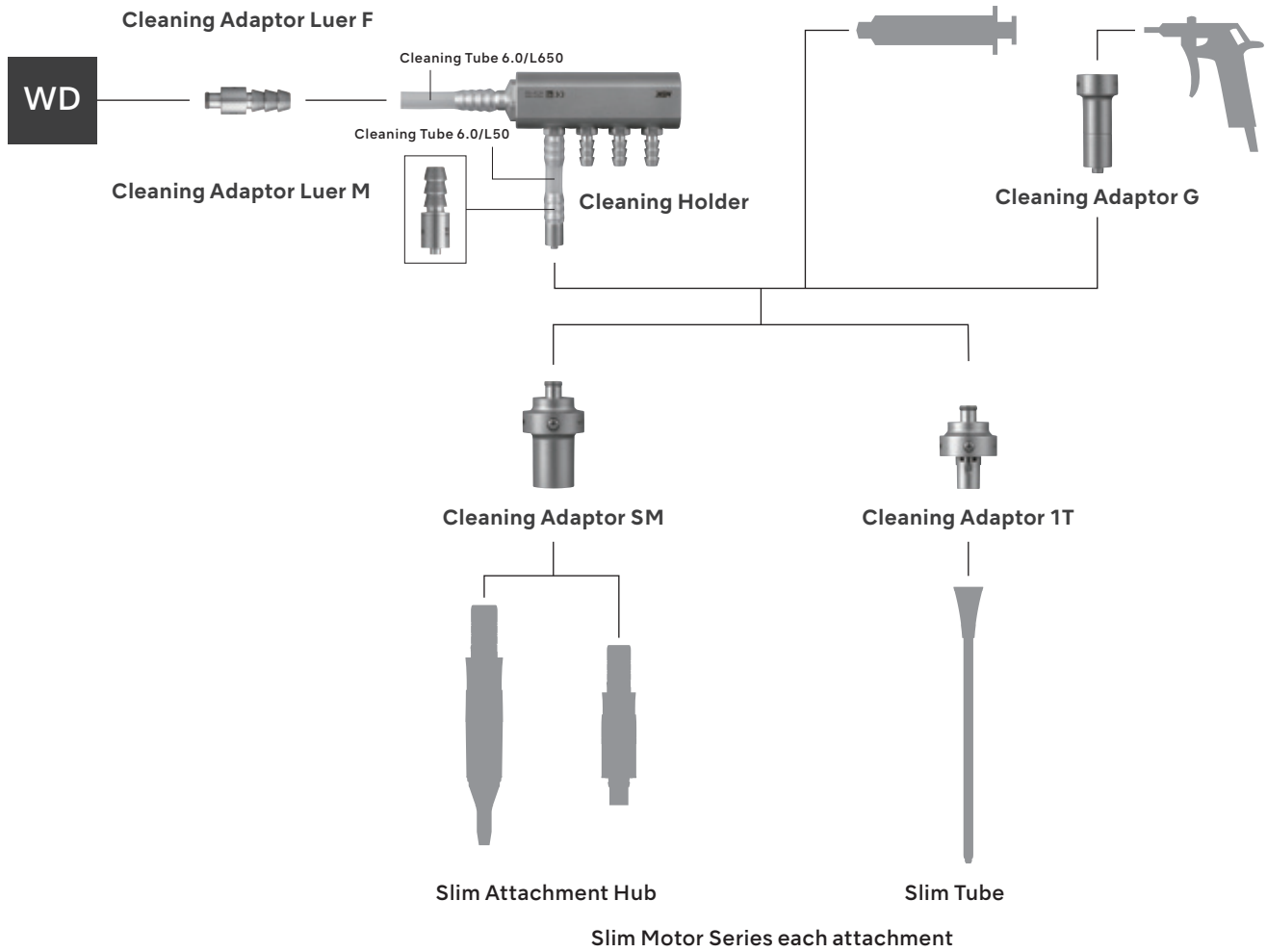


Order Code
PD-CTTU-606501
Cleaning Tube 6.0/L650



Order Code
PD-CTTU-600504
Cleaning Tube 6.0/L50 (4pcs)

For automated cleaning For manual cleaning For drying



*Please be sure to read the reprocessing manual.
 *These Cleaning Tools can not be used with the Bone Saw Attachment.

Sterilization Case



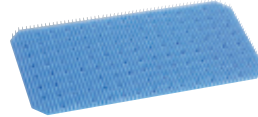
Order Code
SC-ML
Sterilization Metal Lid



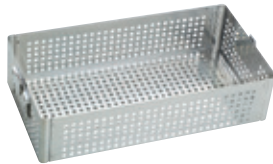
Order Code
SC-T-F
Sterilization Tray/Free
• Dimensions : W480 x D250 x H60 (mm)



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

Cap



Order Code
PDA-CP-SMH
Cap/Slim Motor

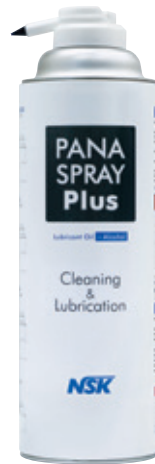


Order Code
PDA-CP-MP
Cap/Motor Plug



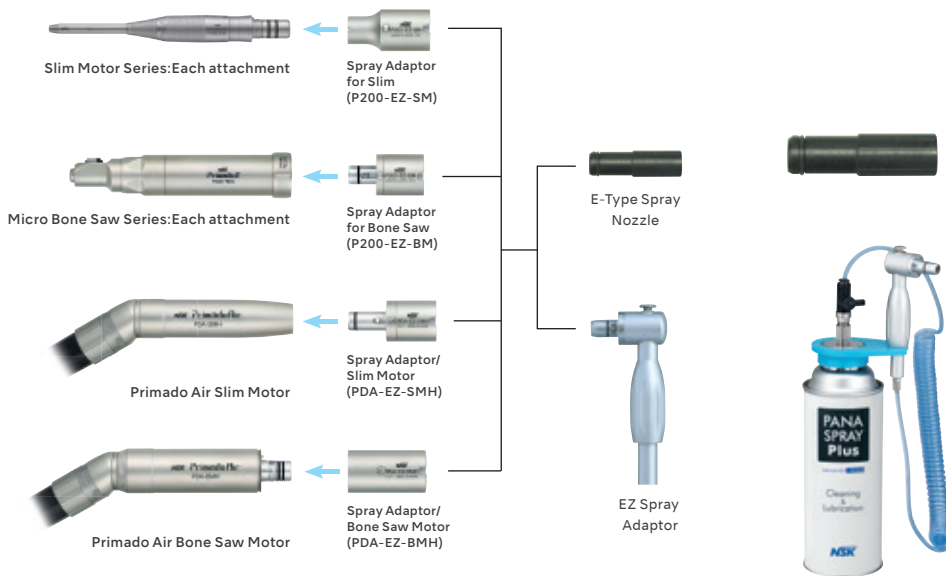
Order Code
PDA-CP-BMH
Cap/Bone Saw Motor

Lubrication



Order code
Z182100
PANA Spray Plus
• For attachments, 480 mL

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



Order code
Z019090
E-Type Spray Nozzle
• For attachments

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

Spray Mist Absorber



Order Code
Y900084
Spray Mist Absorber
• Pack of 10

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Create it 