Implant & Surgial Handpieces

• Solid Titanium Body • Cellular Glass Optics

Ti-Max X-SG20L



Optic MODEL X-SG20L ORDER CODE C1003

20:1 Reduction • Titanium Body with Scratch Resistant DURACOAT
• Cellular Glass Optics • Push Button Chuck • Double Sealing system
• External and internal cooling (Kirschner and Meyer)
• Max. Torque: 80Ncm • Max. Speed: 2,000 min^{-1}

Ti-Max X-SG93L/SG93



Optic MODEL X-SG93L ORDER CODE C1004

Non-Optic MODEL X-SG93 ORDER CODE C1007

1:3 Increasing • Titanium Body with Scratch Resistant DURACOAT
• Cellular Glass Optics (X-SG93L) • Clean Head System
• Push Button Chuck • External cooling • Max. Speed: 120,000 min^{-1}
• For FG burs (ø1.6)

Ti-Max X-SG25L



Optic MODEL X-SG25L ORDER CODE C1011

1:1 Direct Drive • Titanium Body with Scratch Resistant DURACOAT
• Cellular Glass Optics • Clean Head System • Push Button Chuck
• External cooling • Max. Speed: 40,000 min^{-1}
• For CA burs (ø2.35)

Ti-Max X-SG65L

Straight Handpiece



Optic MODEL X-SG65L ORDER CODE H1009

Non-Optic MODEL X-SG65 ORDER CODE H1038

1:1 Direct Drive • Titanium Body with Scratch Resistant DURACOAT
• Cellular Glass Optics • Clean Head System
• For HP burs (ø2.35) • For CA burs (ø2.35)*
*Need to insert the supplied bur stopper
• External cooling • Max. Speed: 40,000 min^{-1}

Implant Handpieces Non-Optic

S-Max SG20



MODEL SG20 ORDER CODE C1010

20:1 Reduction • Stainless Steel Body • Push Button Chuck
• External and internal cooling (Kirschner and Meyer) • Double Sealing system
• Max. Torque: 80Ncm • Max. Speed: 2,000 min^{-1}

SGMS-ER20i

with Depth Indicator



MODEL SGMS-ER20i ORDER CODE Y110147

20:1 Reduction • External and internal cooling (Kirschner and Meyer)
• with two Depth Indicators, Wrench for handpiece attachment, Ruler
• Max. Torque: 50Ncm • Max. Speed: 2,000 min^{-1}

Spare Parts (SG series)

MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE
Internal Spray Nozzle		10000324	Y-Connector		C823752	Nozzle Holder For X-SG20L		20000396	Nozzle Holder For SG20		20000357

Spare Parts (SGM, SGMS series)

MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE	MODEL	PRODUCT	ORDER CODE
Internal Spray Nozzle For SGM/SGMS		C293025	Irrigation Tube Clamp		C202750	Depth Indicator (L) For SGMS		C594031	Depth Indicator (S) For SGMS		C594021

Washable in the thermodisinfector

135°C Autoclavable up to 135°C

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Micro Surgery Handpieces Non-Optic

Straight Handpieces



MODEL SGS-ES ORDER CODE H264
1:1 Direct Drive • For surgical burs (ø2.35)
• Twist chuck • Max. Speed: 40,000 min^{-1}

MODEL SGS-E2S ORDER CODE H266
1:2 Increasing • For surgical burs (ø2.35)
• Twist chuck • Max. Speed: 80,000 min^{-1}

20° Angle Handpieces



MODEL SGA-ES ORDER CODE H263
1:1 Direct Drive • For surgical burs (ø2.35)
• Twist chuck • Max. Speed: 40,000 min^{-1}

MODEL SGA-E2S ORDER CODE H265
1:2 Increasing • For surgical burs (ø2.35)
• Twist chuck • Max. Speed: 80,000 min^{-1}

Spare Parts

MODEL	PRODUCT	ORDER CODE
Spray Nozzle For SGS, SGA		H263018

MODEL	PRODUCT	ORDER CODE
Bur Stopper		Y900160

Micro Saw Handpieces Non-Optic



1.8mm Reciprocating



17° Oscillating



3° Sagittal



MODEL SGR2-E ORDER CODE SH162
3:1 Reduction • With External Spray Nozzle
• Max: 12,600 strokes/min*

MODEL SGO2-E ORDER CODE SH164
3:1 Reduction • With External Spray Nozzle
• Max: 12,800 strokes/min

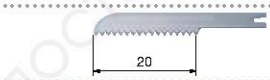
MODEL SGT2-E ORDER CODE SH163
3:1 Reduction • With External Spray Nozzle
• Max: 12,600 strokes/min

*Do not Exceed the Maximum Strokes Allowance
■ Blades are sold separately

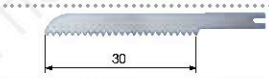
SGR2-E Blades for Reciprocating



MODEL SGR-1 ORDER CODE Y900072
• Blade thickness 0.35mm • Pack of 10 blades

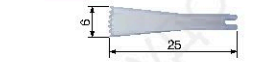


MODEL SGR-2 ORDER CODE Y900073
• Blade thickness 0.35mm • Pack of 10 blades

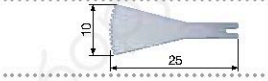


MODEL SGR-3 ORDER CODE Y900074
• Blade thickness 0.35mm • Pack of 10 blades

SGT2-E Blades for Sagittal



MODEL SGT-1 ORDER CODE Y900075
• Blade thickness 0.35mm • Pack of 10 blades



MODEL SGT-2 ORDER CODE Y900076
• Blade thickness 0.35mm • Pack of 10 blades

SGO2-E Blades for Oscillating



MODEL SGO-1 ORDER CODE H174034
• Blade thickness 0.3mm • Single blade



MODEL SGO-2 ORDER CODE H174044
• Blade thickness 0.3mm • Single blade



MODEL SGO-3 ORDER CODE H174031
• Blade thickness 0.3mm • Single blade



MODEL SGO-4 ORDER CODE H174041
• Blade thickness 0.3mm • Single blade



MODEL SGO-5 ORDER CODE H174032
• Blade thickness 0.35mm • Single blade



MODEL SGO-6 ORDER CODE H174042
• Blade thickness 0.35mm • Single blade

Spare Parts

MODEL	PRODUCT	ORDER CODE
Spray Nozzle For SGR, SGT and SGO		SH162035

MODEL	PRODUCT	ORDER CODE
Spanner 8x5		K040751

Washable in the thermodisinfector
Autoclavable up to 135°C

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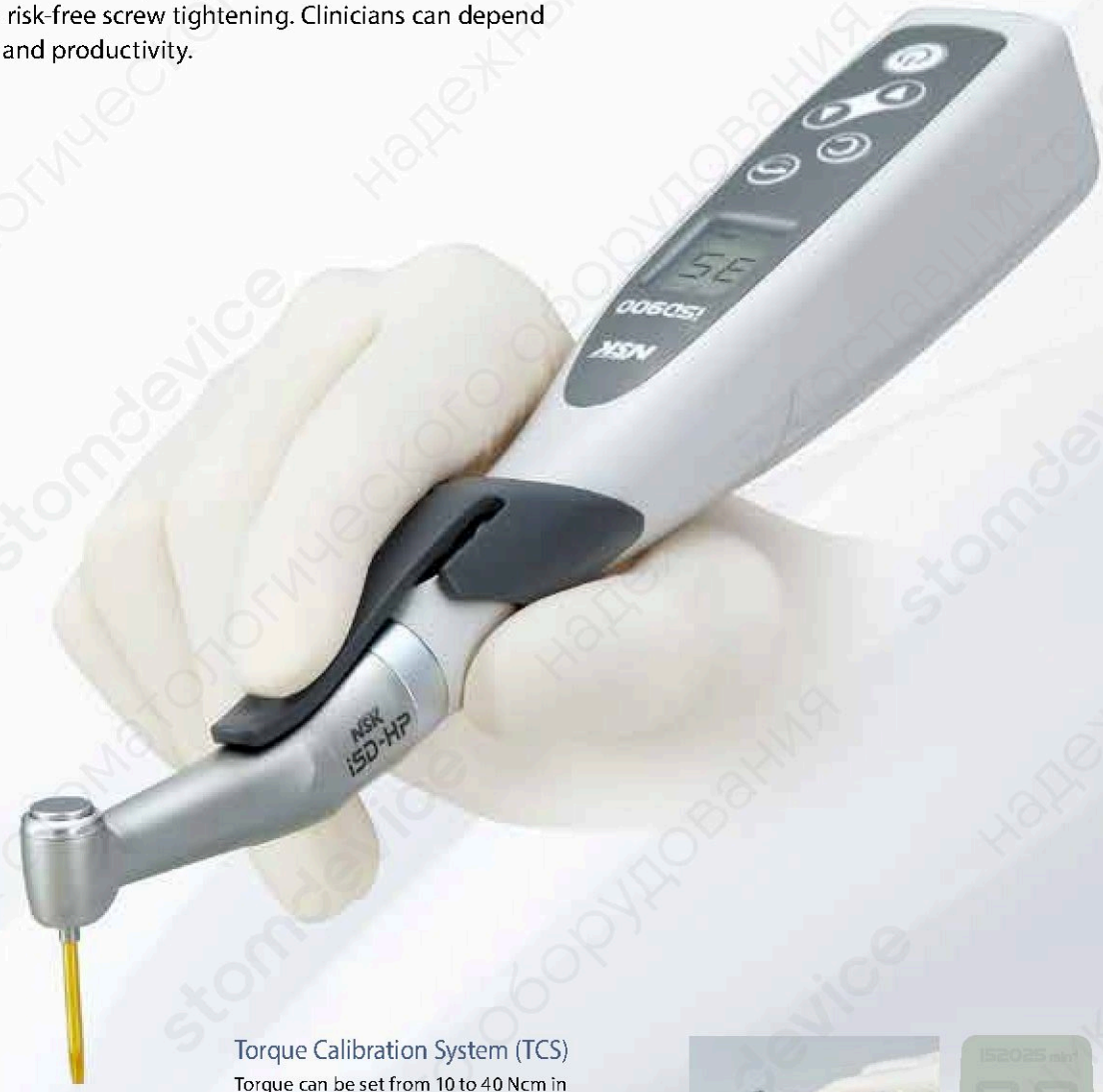
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iSD900

CORDLESS PROSTHODONTIC SCREWDRIVER
WITH TORQUE CALIBRATION SYSTEM (TCS)

Faster and Safer

NSK is introducing iSD900 cordless screwdriver with Torque Calibration System (TCS) for prosthodontic screw fixing procedures. iSD900 guarantees precise torque control supported by the unique NSK torque calibration system which is extremely easy to use. iSD900 helps to save time and allows precise risk-free screw tightening. Clinicians can depend on iSD900 for its safety and productivity.



Torque Calibration System (TCS)

Torque can be set from 10 to 40 Ncm in increments of 1 or 5 Ncm. The TSC allows easy calibration within seconds and guarantees secure torque performance.





Timesaving

The tightening and loosening of attachment screws can be a time-consuming and tedious procedure. NSK iSD900 offers a reliable and easy to use solution, saving up to 50% of time compared to the manual procedure.

Selectable Speed

The user can select between speeds of 15, 20 or 25 min^{-1} to suit individual needs.

Universal to major implant systems

iSD900 is extremely flexible and future-proof unit and can be used in conjunction with all major implant systems.

Other Features

- Reliable and durable contra-angle handpiece with excellent accessibility
- Audible beeping sound to indicate reverse rotation
- Standard battery (AAA Ni-MH x2pcs.) is easily replaced on site

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User-friendly LCD Digital Display

The LCD digital display shows torque, speed, reverse rotation, battery condition and calibration mode settings.
The display is clear and very easy to use.

- Reverse Rotation Key
- Calibration Key
- Up / Down Key
  To adjust the set value for torque and speed



Torque: 35 Ncm
Speed: 25 min^{-1}



Reverse Rotation



Ergonomic Extension On/Off Switch Lever

iSD900 features a removable extension on/off switch lever to allow clinicians to operate the instrument easily. The extension lever is fully autoclavable to meet cross-infection control requirements.

Advanced Battery & Charger Technology

- Fast charge - only 90 minutes
- Trouble-free non-contact interface between charger and motor (Conventional metallic contact will be deteriorated over time, which will cause disconnection of the contact.)
- Operates with standard rechargeable batteries



Torque Calibrator

iSD900 Complete Set

MODEL iSD900 (230V) ORDER CODE Y1001358

Contents

- iSD900 Motor • iSD-HP • Quick Charger for iSD900
- Torque Calibrator • On/Off Switch Lever

Specifications

• Torque	: 10-40 Ncm in 1 or 5 Ncm increments
• Speed	: 15, 20, 25 min^{-1}
• Weight	: 148g (iSD900 Motor + iSD-HP)
• Charging time	: 90 minutes

Spare Parts

MODEL	PRODUCT	ORDER CODE
iSD-HP		C1060001

MODEL	PRODUCT	ORDER CODE
On/Off Switch Lever		Z1070001

MODEL	PRODUCT	ORDER CODE
Torque Calibrator		Z1056001

Washable in the thermodisinfector only iSD-HP

Autoclavable up to 135°C only iSD-HP

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ULTIMATE XL Series

BRUSHLESS

Experience Unprecedented Smoothness and Power

The world's leading laboratory micromotor just got better. The ULTIMATE range has evolved to run even smoother and be more powerful. With 180° vector control system, it assures you to work more efficiently and stress-free. The handpiece shape has been designed extremely carefully with ergonomy and functionality, always being at the forefront of the designer's mind. The result is a handpiece which considerably reduces hand fatigue and makes it easier to work on even the most delicate pieces of work for extended periods of time. Experience the next-generation performance the ULTIMATE XL has to offer.



Specifications

Torque Micromotor & Cord	Compact Micromotor & Cord
• Speed: 1,000-50,000 min^{-1}	• Speed: 1,000-50,000 min^{-1}
• Max. Torque: 8.7 Ncm	• Max. Torque: 6.0 Ncm

Features

- Ripple-free smooth rotation with 180° vector control system
- Powerful and stable torque across the entire speed range
- Easy-to-hold handpiece design ensures precision
- Ligthweight compact body reduces hand fatigue and improves balance
- Unique dust-proof mechanism prevents contamination and achieves higher durability
- Minimal vibration and noise from hermetically shielded micromotor unit
- Approximately 30% increased chuck strength enables you to work on a wider variety of materials

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ULTIMATE XL Systems

Torque MODEL UMXL-GT (230V) ORDER CODE Y141469

Compact MODEL UMXL-GC (230V) ORDER CODE Y141470

Contents • Control unit • Micromotor Handpiece • Foot Control • Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 2.8 kg
- Dimensions : W167 x D247 x H77 (mm)



ULTIMATE XL-K Systems

Torque MODEL UMXL-KT (230V) ORDER CODE Y141495

Compact MODEL UMXL-KC (230V) ORDER CODE Y141496

Contents • Control unit • Micromotor Handpiece • Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 3.2 kg
- Dimensions : W90 x D270 x H230 (mm)



ULTIMATE XL-D Systems

Torque MODEL UMXL-DT (230V) ORDER CODE Y141504

Compact MODEL UMXL-DC (230V) ORDER CODE Y141505

Contents • Control unit • Micromotor Handpiece • Foot Control • Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 3.3 kg
- Dimensions : W81 x D270 x H230 (mm)



ULTIMATE XL-F Systems

Torque MODEL UMXL-FT (230V) ORDER CODE Y141513

Compact MODEL UMXL-FC (230V) ORDER CODE Y141514

Contents • Control unit • Micromotor Handpiece • Handpiece Stand

Specifications

- Power Supply : AC 230V 50/60 Hz
- Weight : 3.8 kg
- Dimensions : W230 x D292 x H113 (mm)
- Speed : 1,000-40,000 min^{-1}

E-type Micromotor & Cord

• Speed: 1,000-50,000 min^{-1}
• Max. Torque: 6.0 Ncm



MODEL UMXL-EM ORDER CODE E342

• Dimensions: L118 x ø27 (mm)
• Weight: 129 g (Cord not included)
• Cord Length: 1.2 m

Spare Parts

MODEL	PRODUCT	ORDER CODE
UHRXL-T Handpiece Torque type		H269
UHRXL-C Handpiece Compact type		H271
UMXL-TM Armature Assy		E367011

MODEL	PRODUCT	ORDER CODE
UMXL-CM Armature Assy		E368011
Chuck-2.35A		H203180
Bracket Set For XL-D/XL-K		U364090

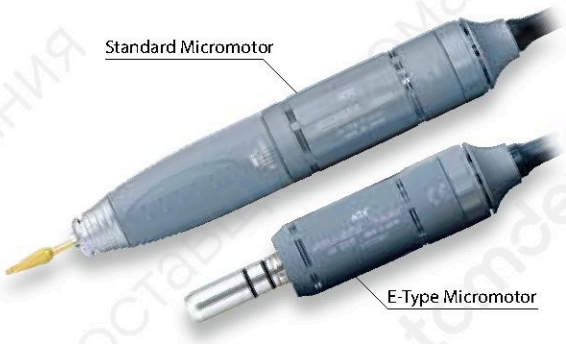
MODEL	PRODUCT	ORDER CODE
Wrench for Locking Rotation		H269751
Wrench for Adjusting Chuck		K015751

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VOLVERE Vmax CORELESS MOTOR

Vmax offers unparalleled performance, controllability and durability. The stylish control unit can be placed either vertically or horizontally, or with an optional free-arm stand in a space-critical workplace. EMC (Electromagnetic Compatibility)-compliant coreless motor delivers excellent under-load speed stability, together with higher power efficiency and minimal bow and flutter.





VOLVERE Vmax Complete Sets

Standard MODEL Vmax35RV Pack (230V) ORDER CODE Y140868

E-Type MODEL Vmax35VR-E Pack (230V) ORDER CODE Y140899
Includes VR-E Handpiece

E-Type Motor without Handpiece set
MODEL Vmax35E Pack (230V) ORDER CODE Y140993

Contents • Control unit • Micromotor Handpiece
• Foot control • Handpiece Stand

Specifications

Control Unit		Standard Micromotor	
• Power Supply	: AC 230V 50/60 Hz	• Speed	: 1,000-35,000 min^{-1}
• Dimensions	: W95 x D190 x H180 (mm)	• Power	: 71W
• Weight	: 2.0 kg	• Max. Torque	: 4.1 N cm
		• Dimensions	: L130 x ø24.5 (mm)
		• Weight	: 200 g (without cord)

Spare Parts

MODEL	PRODUCTS	ORDER CODE
UHR35 Handpiece		H214
Chuck-2.35A		H203180
VR-E E-type Handpiece		H178
GX35RM Armature Assy*		E093001
Carbon Brush For GX35M/GX35EM		E023011S
GX35EM Armature Assy*		E160001

*These parts can be replaced only by authorized dealers of NSK.

MIO CORELESS MOTOR

MIO delivers unmatched cost-performance ratio to the budget-conscious. With a speed range of 3,000-35,000 min^{-1} and powerful torque throughout the entire range, MIO inherits NSK's high-end micromotor technology.



MIO Complete Sets

Standard MODEL MIO MR 230 (230V) ORDER CODE Y140804

E-Type MODEL MIO E 230 (230V) ORDER CODE Y140805
Without Handpiece

Contents • Control unit • Micromotor Handpiece
• Foot control • Handpiece Stand

Specifications

Standard Micromotor		E-Type Micromotor	
• Speed	: 3,000-35,000 min^{-1}	• Speed	: 3,000-35,000 min^{-1}
• Max. Torque	: 3.7 N cm	• Max. Torque	: 3.7 N cm
• Dimensions	: L143 x ø24 (mm)	• Dimensions	: L77.2 x ø24.5 (mm)
• Weight	: 191 g (without cord)	• Weight	: 104 g (without cord)

Spare Parts

MODEL	PRODUCTS	ORDER CODE
MR Handpiece		H203
MIO Armature Assy*		E194011
Chuck-2.35A		H203180
MIO-E Armature Assy*		E234011
Carbon Brush For MIO-35M/MIO-35EM		E194060

*These parts can be replaced only by authorized dealers of NSK.

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PRESTO AQUA **LUX** & Ⅱ

LUBE FREE AIR TURBINE HANDPIECE AND WATER COOLANT SPRAY

Specifications

- 320,000 min^{-1}
- Coolant water spray
- Bottle/tap water switching function
- Unique dust-proof mechanism
- Lubrication free





LED

LED Optic PRESTO AQUA LUX Complete Set

MODEL PRESTO AQUA LUX (230V) ORDER CODE Y1001151

Contents

- Control unit • Handpiece • Hose • Foot control (AFC-40)
- Secondary hose for PRESTO • Handpiece stand
- PRESTO AQUA LUX Cord (230V) • AC Adaptor

Non-Optic PRESTO AQUA Ⅱ Complete Set

MODEL PRESTO AQUA Ⅱ ORDER CODE Y150023

Contents

- Control unit • Handpiece • QD-J B3 coupling
- Hose • Foot control (AFC-40)
- Secondary hose for PRESTO

Spare Parts

MODEL	PRODUCTS	ORDER CODE
PRA-LUX-HP PRESTO AQUA LUX Handpiece		T1002
PR-AQL03 PRESTO AQUA LUX Cartridge		T1002250

MODEL	PRODUCTS	ORDER CODE
PRA-HP PRESTO AQUA Handpiece		T816
PR-AQ03 PRESTO AQUA Cartridge		T816016

MODEL	PRODUCTS	ORDER CODE
Chuck		T815019

PRESTO Ⅱ

LUBE FREE AIR TURBINE HANDPIECE

PRESTO Ⅱ Complete Set

MODEL PRESTO Ⅱ ORDER CODE Y150022

Contents

- PRESTO Ⅱ unit • PRESTO handpiece • Handpiece stand • Hose for PRESTO
- Foot control (AFC-40) • Secondary hose for PRESTO

Specifications

- 320,000 min^{-1} • Lubrication free • Unique dust-proof mechanism



Spare Parts

MODEL	PRODUCT	ORDER CODE
PR-HP PRESTO Handpiece (Includes 2m hose)		T815
PR-03 PRESTO Cartridge		T815016

MODEL	PRODUCT	ORDER CODE
Chuck		T815019

Turbine Adaptor TA50

TA50 air turbine adaptor allows you to quickly switch power source between air turbine handpiece and electric micromotor. Both handpieces are equally controllable with a single foot control or knee control.



MODEL TA50 ORDER CODE U375

- Turbine adaptor
- Dimensions W75 x D100 x H30 (mm)

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Care3 Plus

AUTOMATIC HANDPIECE CLEANING & LUBRICATION SYSTEM

Automatically Cleans & Lubricates

Correct frequent maintenance of every handpiece is the key to handpiece performance and durability. NSK has designed Care3 Plus to automatically and correctly process all handpieces in under 2 minutes. Both high speed and low speed handpieces can be processed during the same cycle. Using Care3 Plus as part of your daily maintenance routine ensures prolonged life of your valuable handpieces.



Features

- A fail safe maintenance solution
- Filtered air for handpiece rotation
- Disposable mist filtration system
- Solution level indicator
- Easily cleanable
- Air activation to flush out all residual solution

Refill Maintenance Oil



MODEL Maintenance Oil
ORDER CODE Z016117
• 1 Litre

Mist Filter



MODEL Mist Filter Set
ORDER CODE Y900159
• Pack of 12

Care3 Plus Complete Sets

Single Rotation port
+ Dual Standard ports

MODEL Care3 Plus C1 Type (230V)
ORDER CODE Y141204



Dual Rotation ports
+ Single Standard port

MODEL Care3 Plus C2 Type (230V)
ORDER CODE Y141205



Contents

• Care3 Plus unit • Power cord with L-shaped plug • Maintenance oil (1 Litre)
• Oil replenish funnel with filter • Mist filter set • Oil absorber sheet • Air tube • Air filter

Care3 Plus Adaptors

MODEL	E-Type Adaptor*	ORDER CODE	Z280035	• For All Brands E-Type* & E-Type LUX Attachments
MODEL	PTL Adaptor	ORDER CODE	Z257010	• For NSK High Speed Handpieces for PTL-CL-4HV-T Coupling
MODEL	B2/M4 Adaptor	ORDER CODE	T904	• For Borden 2 hole High Speed Handpieces
MODEL	KV Adaptor	ORDER CODE	Z257020	• For KaVo® High Speed Handpieces for MULTIflex LUX® Coupling
MODEL	SR Adaptor	ORDER CODE	Z257023	• For Sirona® High Speed Handpieces for Quick Coupling
MODEL	WH Adaptor	ORDER CODE	Z257021	• For W&H® High Speed Handpieces for Roto Quick® Coupling
MODEL	BA Adaptor*	ORDER CODE	Z280022	• For Bien-Air® High Speed Handpieces for Unifix® Coupling
MODEL	F-Type Adaptor*	ORDER CODE	Z280042	• For ENDO-MATE DT, TC2/ TASKAL Wizard Heads

* For Care3 Plus only. Not applicable with Care3.
◆ Check with the dealer for the adaptors to mount other manufactures' handpieces.
※E-Type: Conformable to ISO3964

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PANA SPRAY Plus

PANA SPRAY Plus is a specially formulated, highly effective general handpiece and air motor lubricant. Frequent application of PANA SPRAY Plus will assure handpiece and air motor performance and durability. Apply PANA SPRAY Plus every time before autoclaving any handpiece or air motor.



PANA SPRAY Plus Package

MODEL Pana Spray Plus Package ORDER CODE Y900630
• PANA SPRAY plus pack of 6



MODEL Pana Spray Plus ORDER CODE Z182100
• For High & Low speed handpieces, and air motors
• 480 mL • Alcohol-contained lubricant

PANA SPRAY Plus Nozzles

135°c



MODEL Phatelus Spray Nozzle ORDER CODE P183090
• For High speed attachments and air motors which attach to PTL and FM Couplings



MODEL KV Nozzle ORDER CODE Z090051
• For KaVo® MULTIflex® LUX



MODEL SR Nozzle ORDER CODE Z090052
• For Sirona® Quick Coupling



MODEL WH Nozzle ORDER CODE Z090054
• For W&H® Roto Quick



MODEL BA Nozzle ORDER CODE Z090053
• For Bien-Air® Unifix®



MODEL MHL Splay Nozzle ORDER CODE Z090056
• For Morita TwinPower Turbine 4H Coupling



MODEL QD Spray Nozzle ORDER CODE Z096090
• For QD Coupling



MODEL E-Type Spray Nozzle ORDER CODE Z019090
• For E-Type* attachments



MODEL F-Type Spray Nozzle ORDER CODE Z256090
• For ENDO-MATE TC2 DT & TASKAL Wizard heads



MODEL Tip Nozzle ORDER CODE Z020010
• For M4, B2 and chuck cleaning

*E-Type: Conformable to ISO3964.

Air Gauge

This gauge measures the drive air pressure of each handpiece tubing. The figure shown on this gauge should correspond with the required air pressure stated on the operation manual of the handpiece. Use of this gauge ensures longer life-time of your handpieces.



MODEL SG-4H ORDER CODE Z327001
• For Midwest 4 hole & LUX Coupling

MODEL SG-2/3H ORDER CODE Z327002
• For Borden 2/3 hole

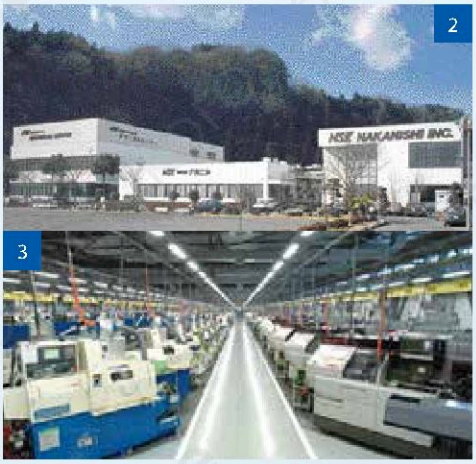
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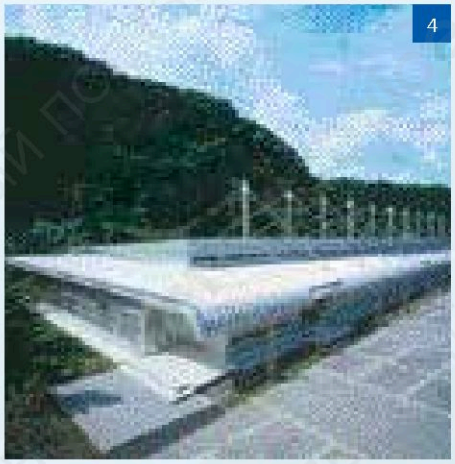
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the company







1. NSK's headquarters and technical centre, built in 2001.
2. NSK's manufacturing division offers precision production and the highest quality procedures.
3. CNC Processing Machine - NSK State Of The Art computer-controlled equipment manufactures precision parts 24 hours a day.
4. A new factory (CNC factory) has been established alongside the head office.

philosophy

"providing durable and elegant, yet competitively priced products" has been NSK's philosophy since it was established in 1930.
NSK consistently provides quality products that assure high level of customers' satisfaction. We achieve this by reflecting market needs in the development process in a timely manner based on our core technology of ultra high-speed rotation.
Our customer-oriented approach is supported by in-house production of over 85% of parts, and integrated services from development and manufacturing to sales and marketing.

research & development

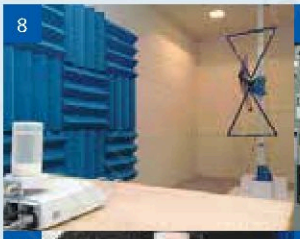
We believe that the ideas for innovative engineering development can always be found at the places where products are used and in requests from users. NSK sets themes for new product development by referring to valuable information from end-users all over the world.
NSK has established an integrated system to complete all development processes internally, aiming at shorter lead-time and timely delivery to customers.
The mission of NSK R&D Team is to consistently introduce valuable new products to the world with the pride of a Japanese manufacturer.

https://stomdevice.ru - стоматологическое и зуботехническое оборудование с доставкой по России и СНГ















5. Wastewater from the factory, thoroughly cleaned by a purifier, is passed through a carp pond and released into the river.
6. Filtration Plant - Waste production oil is 97% recycled after being purified via special filtration equipment.
7. NC Lathe Process - Even during computer-controlled production, the automated process is monitored by a skilled operator to ensure the highest quality of micro precision production.
8. Electromagnetic wave measuring facility - Measuring electromagnetic wave radiated from products
9. High-precision roundness measuring equipment
10. Vacuum Heat Treatment Furnace
11. Balancing room

quality control

"Quality is created through processes" - This is the basic philosophy for product creation NSK has followed since it was established.
The NSK Quality Assurance Program revolves around a system of stringent checks encompassing all processes from raw metal rod grinding to final assembly. NSK has installed our original inspection equipments designed to detect the most minute discrepancies in the order of microns.
NSK constantly offers high-quality products, having identified the following points as being crucial to success;
*Each worker should bear responsibility for quality in all processes.
*No defects should be allowed to be passed onto the next process.
*100% of completed products should duly be test-operated prior to dispatching from the factory.





environmental concern

NSK has obtained ISO 14001 certification since 1999, which is the global standard for environmental management systems. As a manufacturer of medical instruments closely related to human healthcare, NSK is well aware of the significance of environmental issue, and is prompting improvement activities with a corporate-wide system for reducing environmental load.

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Operation and Daily Maintenance Guide
NSK High Speed Air Turbine

INSTALLATION





Air Pressure:
DO NOT exceed 2.5kg/cm² = 2.5bar ≒ 0.25MPa (Coupling Type)
DO NOT exceed 2.2kg/cm² = 2.2bar ≒ 0.22MPa (B2/M4 Direct Type)

⚠ **May be different from other brand products**



Remove moisture in the air
- Always drain water from the air compressor.



Remove dust in the air
- Always use an air filter in the air hose.



OPERATION



for Torque/Standard head



for Miniature head

Insert the bur all the way into the chuck until it stops.



Use a **FRESH BUR**. Do not use a bent, worn or damaged bur.



For wrench type chuck, do not fasten the knob too tightly.



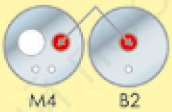
Do not overload. Observe a **"Feather Touch Cutting Method"** for effective excavation.



LUBRICATION



- **Use only a Special Oil Spray** designed for air turbine handpieces, such as NSK's Pana Spray.



- **For Coupling Type**, use **NSK's SPRAY NOZZLE** enclosed in the set box. For M4/B2 Type, blow the spray from the Drive Air Hole.

- Spray for 2-3 seconds until the liquid comes out from the head for complete cleaning.



At least **TWICE A DAY**, and **EVERYTIME BEFORE AUTOCLAVING**.
(After morning session and evening session)





STERILIZATION



Never use any chemical solution for sterilization.



Never use ultrasonic bath.



Brush off excess dirt and wipe clean with alcohol soaked cloth.

For Autoclaving:



- Spray lubricate every time prior to autoclaving.



- Put the handpiece into a pouch and seal it completely.

- Autoclave for 20min. at 121°C, or 15min. at 132°C.

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Say NO! to Counterfeit

支持正版，请不要购买仿制品



...and even NSK copy product with similar packaging!

Beware of fake NSK products imported by third parties.
Please contact local authorized agent and its reliable sub-dealers for genuine NSK products with full after-sales services.

www.nsk-inc.com

YES!

All NSK products are MADE IN JAPAN



Powerful Partners®

• FLASHpead is made in France

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Specifications subject to change without notice.

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NSK

2014

PROFESSIONAL PRODUCTS CATALOGUE

Ver. 1

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