



MAINTENANCE

# iCare



## Automatically Clean

iCare sets a new standard for handpiece maintenance systems. In one stylish and compact body, it offers you both ease of use and multiple functions to achieve complete lubrication. The proper solution volume is preset based on handpiece type, and maintenance can be initiated at the touch of a button. The chuck cleaning system keeps chucks pristine, and the purging select mode lets you alter purge time depending on the situation for truly comprehensive maintenance. Thanks to its stylish and compact body, iCare is also space efficient and totally in harmony with your working environment.

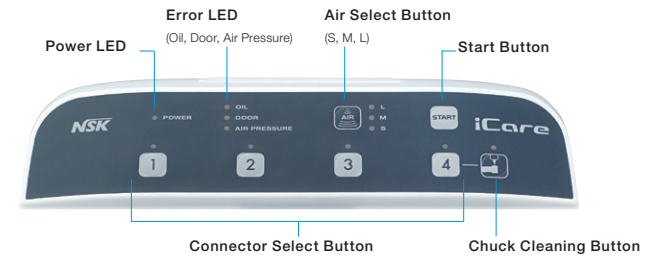
## Preset Proper Solution Volume Based on Handpiece Type

The proper solution volume is preset based on high speed and low speed handpieces, ensuring precise and thorough lubrication at the touch of a button.



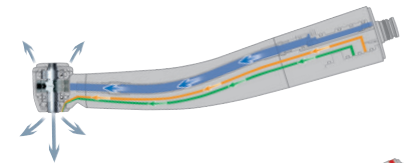
## Ergonomic and Easily Readable Large Panel

Simple One-Touch Operation to Start Lubrication.



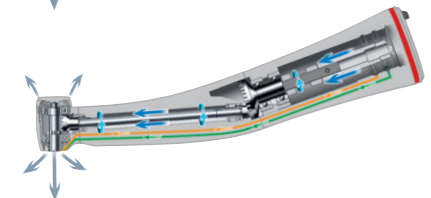
## High Speed Handpieces

iCare meticulously cleans the components of high speed handpieces.



## Low Speed Handpieces

Low speed handpieces incorporate gearing systems that require extra solution penetration. The NSK rotation system guarantees optimum oil delivery to the internal components of all low-speed handpieces.



### Purging Select Mode

After lubrication, you can select from appropriate modes offering different purge lengths.



### Hp Head Filter Prevents Mist Leaks (Optional)

HP Head Filter is made to absorb any spray mist generated, which prevents mist leaks.



### Solution Tank

iCare's big solution tank has a capacity of 1.2 Liters, allowing you to pour in a full one-liter bottle of maintenance solution at once, reducing the necessity for frequent refilling. The enclosed nozzle enables clean and easy refills.

### Chuck Cleaning Function

The chuck cleaning function completely removes dirt and cutting powder from the chuck.



### Easy to Clean

iCare's front door can be completely removed to allow fast, easy cleaning of the system.



### Accommodates Both NSK Handpieces and Those of Other Brands

NSK and all other brands of low speed handpieces connect directly to the coupling supplied. NSK high speed handpieces require the PTL adaptor. Adaptors are available for direct connection of most other brands of high speed handpieces.

### Safe Operation with a Range of Alarm Functions

The alarm LED ensures safe and secure maintenance by alerting you to various situations, including inadequate solution quantity and an un locked front door.

### Stylish and Compact

In the pursuing ultimate ease of use, NSK has given iCare the power to perform automatic maintenance for up to four handpieces at once. iCare is also designed to be simple to set up and space efficient, you can install it virtually anywhere.



### iCare Complete Sets



#### Dual Standard Connectors + Dual Rotation Connectors

MODEL	ORDER CODE
iCare C2 Type	Y1002787



#### Single Standard Connector + Triple Rotation Connectors

MODEL	ORDER CODE
iCare C3 Type	Y1002788

### Contents

- iCare unit • Power cord • Chuck Cleaning Nozzle • Maintenance oil for iCare (1 Liter) • Mist filter set • Oil absorber sheet • Air tube

### Specifications

- Power Supply: AC 100-240 V 50/60 Hz • Air Pressure: 0.5-0.6 MPa (5.0-6.0 kgf/cm<sup>2</sup>) • Weight : 6.5 kg (C2 type / C3 type)
- Dimension : W 280 x D 240 x H 350 (mm) • Solution Tank Capacity : 1.2 L

- Connects only to Midwest 4-hole type • Air piping is necessary (5.0-6.0 kgf/cm<sup>2</sup>)
- Do not use iCare to lubricate air scalers and Phatelus air motors. The iCare lubricating system is not designed to lubricate those particular products. Maintain air scalers and Phatelus air motors as described in the operation manual for each product.
- If blood infiltrates inside a handpiece, iCare may not totally clean the internal handpiece components, and internal blood coagulation may cause product failure. In this case, NSK recommends to immediately lubricate those handpieces with PANA SPRAY Plus.



iCare Adaptors

MODEL		ORDER CODE
<b>PTL Adaptor</b>	• For NSK High Speed Handpieces for PTL-CL-LED Coupling	<b>Z257010</b>
<b>B2/M4 Adaptor</b>	• For Borden 2 hole High Speed Handpieces	<b>T904</b>
<b>KV Adaptor</b>	• For KaVo® High Speed Handpieces for MULTIflex® LUX Coupling	<b>Z257020</b>
<b>SR Adaptor</b>	• For Sirona® High Speed Handpieces for Quick Coupling	<b>Z257023</b>
<b>WH Adaptor</b>	• For W&H® High Speed Handpieces for Roto Quick Coupling	<b>Z257021</b>
<b>BA Adaptor</b>	• For Bien-Air® High Speed Handpieces for Unifix® Coupling	<b>Z280022</b>
<b>F-Type Adaptor</b>	• For ENDO-MATE TC2, DT Heads	<b>Z280042</b>

Check with the dealer for the adaptors to mount other manufactures' handpieces.

Refill Maintenance Oil

MODEL	PRODUCTS	ORDER CODE
<b>Maintenance Oil for iCare</b> (1 Bottle, 1 Liter)		<b>Z016130</b>

MODEL	PRODUCTS	ORDER CODE
<b>Mist Filter Set</b>	 • Pack of 12	<b>Y900159</b>
<b>Oil Absorber Sheet</b>	 • Pack of 10	<b>U433135</b>

Multi Stands



NSK Multi Stand is the convenient way to organize and store NSK high and low speed handpieces and heads. Autoclavable at 135°C.



MODEL	ORDER CODE
<b>Multi Stand Complete</b>	<b>Z036</b>










• For NSK high speed and low speed attachments

MODEL	ORDER CODE
<b>Multi Stand for Phatelus</b>	<b>Z036002</b>

• 3 x Adaptor A • 2 x Adaptor C

Multi Stand Handpiece Adaptors



MODEL		ORDER CODE
<b>Adaptor A</b>	 • For High speed handpieces and Phatelus air motors	<b>Z036201</b>
<b>Adaptor B</b>	 • For E-Type *Low speed handpieces and Phatelus air motor heads	<b>Z036202</b>
<b>Adaptor C</b>	 • For Phatelus and Mach couplings	<b>Z036203</b>
<b>Adaptor KV</b>	 • For KaVo® MULTIflex® LUX	<b>Z036204</b>
<b>Adaptor SR</b>	 • For Sirona® Quick Coupling	<b>Z036205</b>
<b>Adaptor WH</b>	 • For W&H® Roto Quick	<b>Z036207</b>
<b>Adaptor BA</b>	 • For Bien-Air® Unifix®	<b>Z036206</b>
<b>Adaptor F</b>	 • For Endo-Mate TC2 / DT & iSD900 heads	<b>Z036209</b>
<b>Adaptor CJ</b>	 • For Midwest 4 hole & Borden 2/3 hole	<b>Z036210</b>

\*E-Type: Conformable to ISO 3964.

# PANA SPRAY Plus

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



MODEL	ORDER CODE
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**Pana Spray Plus**      **Z182100**

- For High & Low speed handpieces, and air motors
- 500 mL • Alcohol-contained lubricant

MODEL	ORDER CODE
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**Pana Spray Plus Package**      **Y900630**

- PANA SPRAY Plus pack of 6

MODEL	ORDER CODE
 <b>Tip Nozzle</b>	<b>Z020010</b>

## 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	ORDER CODE
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**SG-4H**      **Z327001**

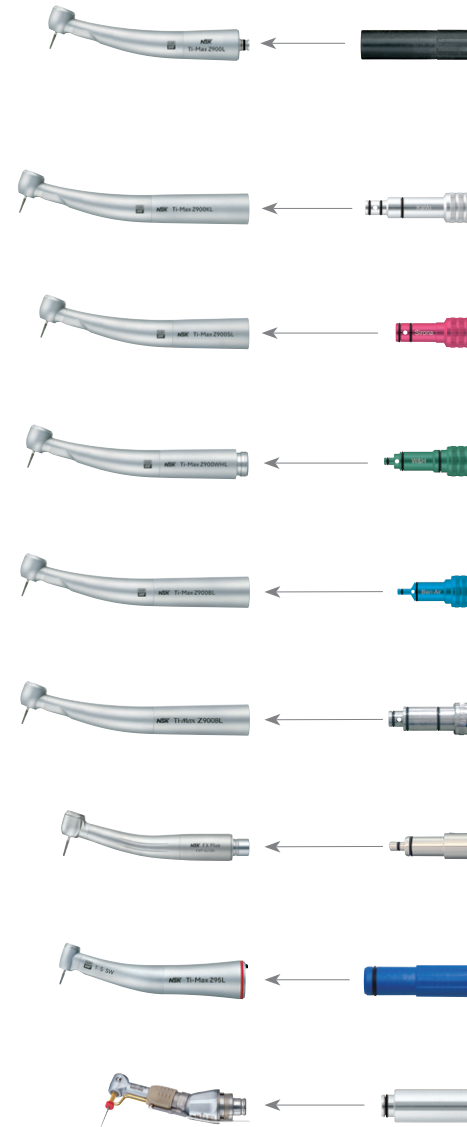
- For Midwest 4 hole & LUX Coupling

MODEL	ORDER CODE
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**SG-2/3H**      **Z327002**

- For Borden 2/3 hole

## PANA SPRAY Plus Nozzles



MODEL	ORDER CODE
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**Phatelus Spray nozzle**      **P183090**

- For High speed attachments and air motors which attach to Phatelus and Mach Couplings

MODEL	ORDER CODE
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**KV Nozzle**      **Z090051**

- For KaVo® MULTiflex® LUX

MODEL	ORDER CODE
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**SR Nozzle**      **Z090052**

- For Sirona® Quick Coupling

MODEL	ORDER CODE
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**WH Nozzle**      **Z090054**

- For W&H® Roto Quick

MODEL	ORDER CODE
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**BA Nozzle**      **Z090053**

- For Bien-Air® Unifix®

MODEL	ORDER CODE
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**MHL Spray Nozzle**      **Z090056**

- For Morita TwinPower Turbine 4H Coupling

MODEL	ORDER CODE
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**QD Spray Nozzle**      **Z096090**

- For QD Coupling

MODEL	ORDER CODE
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**E-Type Spray Nozzle**      **Z019090**

- For E-Type \*attachments











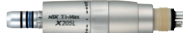


MODEL	ORDER CODE
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**F-Type Spray Nozzle**      **Z256090**

- For Endo-Mate TC2 / DT & iSD900 heads

\*E-Type: Conformable to ISO 3964.

# Handpieces Air Pressures

MODEL		Air Pressures MPa (kgf/cm <sup>2</sup> )
Air Turbine	 Ti-Max Z	<b>0.25-0.30 MPa</b> (2.5-3.0 kgf/cm <sup>2</sup> )
	 S-Max M	<b>PTL:</b> <b>0.20-0.25 MPa</b> (2.0-2.5 kgf/cm <sup>2</sup> )
	 S-Max pico	<b>K,KL,SL,W,WL,WLED,BL,BLED:</b> <b>0.25-0.30 MPa</b> (2.5-3.0 kgf/cm <sup>2</sup> )
	 Ti-Max X450	<b>0.25-0.30 MPa</b> (2.5-3.0 kgf/cm <sup>2</sup> )
	 DynaLED	<b>0.20-0.25 MPa</b> (2.0-2.5 kgf/cm <sup>2</sup> )
	 FX Plus	<b>0.18-0.22 MPa</b> (1.8-2.2 kgf/cm <sup>2</sup> )
	 PanaAir FX	<b>PTL,M4,B2:</b> <b>0.20-0.25 MPa</b> (2.0-2.5 kgf/cm <sup>2</sup> ) <b>KV:</b> <b>0.25-0.30 MPa</b> (2.5-3.0 kgf/cm <sup>2</sup> )
	 PRESTO AQUA LUX	<b>0.25-0.30 MPa</b> (2.5-3.0 kgf/cm <sup>2</sup> )
	 PRESTO AQUA II	
	 PRESTO II	<b>0.20-0.25 MPa</b> (2.0-2.5 kgf/cm <sup>2</sup> )
Air Motor	 Ti-Max X205L	
	 S-Max M205	<b>0.20-0.25 MPa</b> (2.0-2.5kgf/cm <sup>2</sup> )
	 FX205	

MODEL		Air Pressures MPa (kgf/cm <sup>2</sup> )
Oral Hygiene	 Ti-Max S970	<b>0.30 MPa</b> (3.0 kgf/cm <sup>2</sup> )
	 AS2000	<b>0.28 MPa</b> (2.8 kgf/cm <sup>2</sup> )
	 Prophy-Mate neo	<b>0.27-0.40 MPa</b> (2.7-4.0 kgf/cm <sup>2</sup> )
	 Perio-Mate	<b>0.30-0.40 MPa</b> (3.0-4.0 kgf/cm <sup>2</sup> )