

# MAINTENANCE

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# iCare

## Automatically Clean & Lubricates

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 cleaning and 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.

## Advantages

- Preset solution volume based on handpiece type (high-speed handpieces, low-speed handpieces)
- Thorough cleaning and lubrication with simple operation
- Chuck cleaning function ensures that the chuck is thoroughly cleaned and lubricated
- Purging select mode ensures complete removal of excess oil
- Integrated large oil tank (1.2 litre) reduces burden of refill



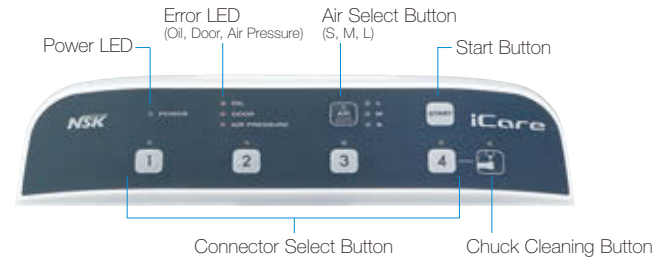
## Preset Proper Solution Volume Based on Handpiece Type

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.



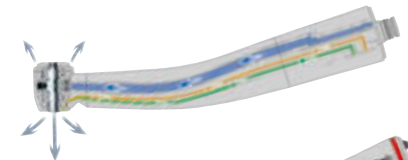
## Ergonomic And Easily Readable Large Panel

Simple One-Touch Operation to Start Lubrication.



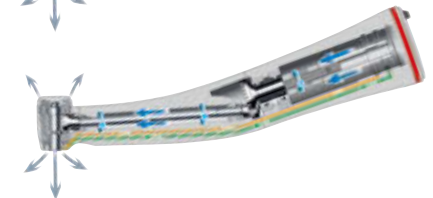
## High Speed Handpieces

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.



# iCare

## Purging Select Mode

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



## Chuck Cleaning Function

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



## HP Head Filter Prevents Mist Leaks (Optional)

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



## Easy to Clean

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



## 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.



## 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 unlocked 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 **iCare C2 Type** ORDER CODE **Y1002787**



### Single Standard Connector + Triple Rotation Connectors

MODEL **iCare C3 Type** ORDER CODE **Y1002788**



#### Contents

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

#### Specifications

- Power Supply : AC 100-240V 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 : W280 x D240 x H350 (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 **PTL Adaptor** ORDER CODE **Z257010** • For NSK High Speed Handpieces for PTL-CL-LED 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 TC2, AT Heads

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

## Refill Maintenance Oil

MODEL **Maintenance Oil for iCare**  
(1 Bottle, 1 Liter)

ORDER CODE **Z016130**



MODEL **Mist Filter Set**

ORDER CODE **Y900159**

- Pack of 12



MODEL **Maintenance Oil for iCare**  
(Pack of 6 Bottles)

ORDER CODE **Y1002783**

MODEL **Oil Absorber Sheet**

ORDER CODE **U433135**

- Pack of 10



## Multi Stands

135°C  
SSS

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



MODEL **Multi Stand Complete** ORDER CODE **Z036**

- For NSK high speed and low speed attachments



MODEL **Multi Stand for Phatelus** ORDER CODE **Z036002**

- 3 x Adaptor A
- 2 x Adaptor C



## Multi Stand Handpiece Adaptors

135°C  
SSS

MODEL **Adaptor A** ORDER CODE **Z036201**

- For High speed handpieces and Phatelus air motors



MODEL **Adaptor B** ORDER CODE **Z036202**

- For E-Type\* Low speed handpieces and Phatelus air motor heads



MODEL **Adaptor C** ORDER CODE **Z036203**

- For Phatelus and Mach couplings



MODEL **Adaptor KV** ORDER CODE **Z036204**

- For KaVo® MULTIflex® LUX



MODEL **Adaptor SR** ORDER CODE **Z036205**

- For Sirona® Quick Coupling



MODEL **Adaptor WH** ORDER CODE **Z036207**

- For W&H® Roto Quick



MODEL **Adaptor BA** ORDER CODE **Z036206**

- For Bien-Air® Unifix®



MODEL **Adaptor F** ORDER CODE **Z036209**

- For ENDO-MATE TC2 / AT & iSD900 heads



\*E-Type: Conformable to ISO3964.

## 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.

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

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

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

- PANA SPRAY Plus pack of 6



MODEL **Tip Nozzle** ORDER CODE **Z020201**



## Spray Mist Absorber

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



MODEL **Spray Mist Absorber** ORDER CODE **Y900084**

- Pack of 10

## PANA SPRAY Plus Nozzles



MODEL **Phatelus Spray Nozzle** ORDER CODE **P183090**

- For High speed attachments and air motors which attach to Phatelus and Mach 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 **E-Type Spray Nozzle** ORDER CODE **Z019090**

- For E-Type\* attachments

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

- For ENDO-MATE TC2 / AT, iSD900 heads

## Multi Gauge

Measures handpiece tubing pressure. This includes drive air and water pressures. Where applicable it also measures exhaust air and coolant air. Midwest 4 hole and Borden 2/3 hole fittings are available.



MODEL **MG-4H** ORDER CODE **Z109400**

- For Midwest 4 hole & LUX Coupling

MODEL **MG-2/3H** ORDER CODE **Z109200**

- For Borden 2 / 3 hole

## Handpieces Air Pressures

| Air Turbine   |                 | Air Pressures MPa (kgf/cm <sup>2</sup> )      |
|---|-----------------|---|
|    | Ti-Max Z        | 0.20~0.25 MPa ( 2.0~2.5 kgf/cm <sup>2</sup> ) |
|    | S-Max M         |   |
|    | S-Max pico      |   |
|    | Ti-Max X450     | 0.25~0.30 MPa ( 2.5~3.0 kgf/cm <sup>2</sup> ) |
|    | Pana-Max2       | 0.20~0.25 MPa ( 2.0~2.5 kgf/cm <sup>2</sup> ) |
|    | PRESTO AQUA LUX | 0.25~0.30 MPa ( 2.5~3.0 kgf/cm <sup>2</sup> ) |
|    | PRESTO AQUA II  |   |
|    | PRESTO II       | 0.20~0.25 MPa ( 2.0~2.5 kgf/cm <sup>2</sup> ) |
| Air Motor   |                 |   |
|    | Ti-Max X205L    | 0.20~0.25 MPa ( 2.0~2.5 kgf/cm <sup>2</sup> ) |
|   | S-Max M205      |   |
|  | FX205m          |   |
| Oral Hygiene  |                 |   |
|  | Ti-Max S970     | 0.30 MPa ( 3.0 kgf/cm <sup>2</sup> )          |
|   | AS2000          | 0.28 MPa ( 2.8 kgf/cm <sup>2</sup> )          |
|  | Prophy-Mate neo | 0.25~0.35 MPa ( 2.5~3.5 kgf/cm <sup>2</sup> ) |
|  | Perio-Mate      | 0.30~0.40 MPa ( 3.0~4.0 kgf/cm <sup>2</sup> ) |