iCare+ is smart and detects the type of instrument attached to the ports (internal/external spray or without spray) when canals are blocked or the wrong cycle has been selected for a specific instrument to ensure cycle efficiency. During the different cycles, iCare+ starts the rotation of instruments and injection of treatment products into all the internal mechanisms and tubing of the instruments to provide deep cleaning and disinfection; a pressure spray simultaneously cleans and disinfects the external surfaces. Each cycle lasts for a specific duration in compliance with EN ISO 15883/15883-5 to guarantee maximum effectiveness of the n.clean and n.cid solution for the perfect treatment of every instrument.

Intelligence at The Service of Your Instruments
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Intelligence at The Service of Your Instruments
Tests performed by the Dr Brill Institute conducted on extremely dirty instruments (containing sheep’s blood with heparine, protamine, bacteria and yeast) prove that iCare+ treatment cycles together with n.clean cleaning and n.cid disinfection guarantee proven effectiveness of the results. The validated tests realized in Germany by this accredit laboratory were done according to RKI recommendations (Robert Koch Institute) and EN ISO 15883.

Security
Tests performed by the Dr Brill Institute conducted on extremely dirty instruments (containing sheep’s blood with heparine, protamine, bacteria and yeast) prove that iCare+ treatment cycles together with n.clean cleaning and n.cid disinfection guarantee proven effectiveness of the results. The validated tests realized in Germany by this accredit laboratory were done according to RKI recommendations (Robert Koch Institute) and EN ISO 15883.

99.999% of Bacteria is Eliminated
iCare+ makes it possible to reduce proteins to less than 100 mg per instrument after treatment. Thus, the reduction in the level of microbial contamination (> 5-log step) of the instruments treated is equivalent to eliminating over 99.999% of the bacteria.

Guaranteed Consistent Repetition of Cycles
iCare+’s internal control system has sensors, which ensure consistency of every cycle in accordance with the parameters which were determined during the laboratory tests. iCare+’s Medical device witch are a protocol, an analyse method and a result of certification.
Cleaning and Disinfection

Two Products Inextricably Linked to iCare+

iCare+ working hand in hand with n.clean and n.cid products. n.clean and n.cid have been specifically developed for rotary instruments in compliance with laboratory protocols as well European and International standards.

Validated Association of Certified Products

Extensive laboratory tests have been conducted on NSK turbines, handpieces and contra-angles, as well as on instruments from other brands: the results are identical for all tested instruments and always in compliance with EN ISO 15883. It is therefore crucial that iCare be used together with n.clean for cleaning and n.cid for disinfection of rotary instruments to guarantee optimal results validated by laboratories.

Targeted Action

n.clean, a cleaning and rinsing solution, acts as a detergent and has bacteriostatic and fungistatic effects. It prevents proteins from attaching to internal and external surfaces of instruments. Disinfection prior to sterilization is carried out by n.cid, a bactericidal, fungicidal and virucidal disinfectant solution effective against wrapped viruses, as well as unwrapped Adenoviruses.

*Bactericidal: TBC, MRSA. - Fungicidal: Candida albicans - Virucidal: HBV, HCV, HIV, Herpes simplex, Influenza, H1N1 + H5N1.

Complete Traceability

Internal Traceability Software

In addition to the permanent internal validation process software is available to log all cycle data on an external device. iCare+ generates a serial number for every cycles. Once the data has been transferred to a computer you can add serial numbers of individual instruments to specific cycle records in order to establish total traceability.

Data Storage

To allow traceability and external storage of the iCare+ cycle data an easily accessible USB port is built into iCare+ unit*.

User-friendly Interface

The user friendly software interface allows easy and efficient management of all cycle data with the option of adding specific records for individual instruments at the push of a button.
iCare+

Easy to Use

The clearly and intuitively arranged control panel together with the LED indicators and the internally lit treatment chamber makes it really easy to operate iCare+ the treatment chamber:

- Yellow for cleaning
- White for disinfection
- Blue for lubrication
- When the green LED lights up at the end of has been completed correctly and rest assured and maintained to the highest standards

Specifications

- **Power Supply**: AC 100-230 V 50/60 Hz
- **Capacity**: up to 4 instruments
- **Air Pressure**: 0.5-0.6 MPa (5.0-6.0 kgf/cm²)
- **Weight**: 14 kg
- **Dimension**: W 400 x D 405 x H 355 (mm)
- **Capacity of the oil tank**: 500 mL
- **Capacity of the bottles for the cleaning and disinfection product**: 500 mL

*Connects only to Midwest 4-hole type
*Air piping is necessary (5.0-6.0 kgf/cm²)

iCare+ Adaptors

- **iCare+ Adaptor PTL**: For NSK High Speed Handpieces for PTL-CL-LED Coupling
- **iCare+ Adaptor KV**: For KaVo® High Speed Handpieces for MULTIflex® LUX Coupling
- **iCare+ Adaptor SR**: For Sirona® High Speed Handpieces for Quick Coupling
- **iCare+ Adaptor WH**: For W&H® High Speed Handpieces for Roto Quick Coupling
- **iCare+ Adaptor BA**: For Bien-Air® High Speed Handpieces for Unifix® Coupling

Check with the dealer for the adaptors to mount other manufacturers’ handpieces.

Pressure regulator

- **Model**: Pressure regulator for iCare+ **Order Code**: S103500

Refill Maintenance Oil

- **Model**: n.Clean, 500 mL PEHD bottle (6 pcs) **Order Code**: ACL600
- **Model**: Maintenance Oil, 1 L PEHD bottle **Order Code**: Z016117
- **Model**: n.Cid, 500 mL PEHD bottle (6 pcs) **Order Code**: ACD600
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 Liter) 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.
After lubrication, you can select from appropriate modes offering different purge lengths.

**Purging Select Mode**

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

**Chuck Cleaning Function**

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

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

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

**Safe Operation with a Range of Alarm Functions**

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.

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

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.

**Stylish and Compact**

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.

**Solution Tank**

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

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

Multi Stand Complete ORDER CODE Z036

• For NSK high speed and low speed attachments

Multi Stand for Phatelus ORDER CODE Z036002

• 3 x Adaptor A • 2 x Adaptor C

### Multi Stand Complete Adaptors

- **Adaptor A** ORDER CODE Z036201 • For High speed handpieces and Phatelus air motors
- **Adaptor B** ORDER CODE Z036202 • For E-Type® Low speed handpieces and Phatelus air motor heads
- **Adaptor C** ORDER CODE Z036203 • For Phatelus and Mach couplings
- **Adaptor KV** ORDER CODE Z036204 • For KaVo® MULTIflex® LUX
- **Adaptor SR** ORDER CODE Z036205 • For Sirona® Quick Coupling
- **Adaptor WH** ORDER CODE Z036207 • For W&H® Roto Quick
- **Adaptor BA** ORDER CODE Z036206 • For Bien-Air® Unifix®
- **Adaptor F** ORDER CODE Z036209 • For ENDO-MATE TC2 / DT & ISD900 heads

### Multi Stand Handpiece Adaptors

- **PTL Adaptor** ORDER CODE Z257010 • For NSK High Speed Handpieces for PTL-CL-LED Coupling
- **KV Adaptor** Z257020 • For KaVo® High Speed Handpieces for MULTIflex® LUX Coupling
- **SR Adaptor** Z257023 • For Sirona® High Speed Handpieces for Quick Coupling
- **WH Adaptor** Z257021 • For W&H® High Speed Handpieces for Roto Quick Coupling
- **BA Adaptor** Z257021 • For Bien-Air® High Speed Handpieces for Unifix® Coupling
- **F-Type Adaptor** Z280042 • For E-Type Conformable to ISO 3964.

### Refill Maintenance Oil

- **Maintenance Oil for iCare** (1 Bottle, 1 Liter) ORDER CODE Z016130
- **Maintenance Oil for iCare** (Pack of 6 Bottles) ORDER CODE Y1002783

### Mist Filter Set

ORDER CODE Y900159 • Pack of 12

### Oil Absorber Sheet

ORDER CODE U433135 • Pack of 10

### Maintenance Details

- **Power Supply** AC 100-240 V, 50/60 Hz
- **Air Pressure** 0.5-0.6 MPa (5.0-6.0 kgf/cm²)
- **Weight** 6.5 kg (C2 type / C3 type)
- **Dimension** W 280 x D 240 x H 350 (mm)
- **Solution Tank Capacity** 1.2 L

NSK recommends to immediately lubricate those handpieces with PANASON SPRAY Plus.

**Note:**
- Connects only to Midwest 4-hole type.
- Air piping is necessary (0.5-0.6 kgf/cm²)
- Do not use iCare to lubricate air scalers and Phatelus air motors.
- The 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, care 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 PANASON SPRAY Plus.

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

### iCare Adaptors

- **PTL Adaptor** ORDER CODE Z257010 • For NSK High Speed Handpieces for PTL-CL-LED Coupling
- **B2/M4 Adaptor** ORDER CODE T904 • For Borden 2 hole High Speed Handpieces
- **SR Adaptor** Z257023 • For Sirona® High Speed Handpieces for Quick Coupling
- **BA Adaptor** Z257021 • For Bien-Air® High Speed Handpieces for Unifix® Coupling
- **F-Type Adaptor** Z280042 • For E-Type Conformable to ISO 3964.

### iCare Complete Sets

- **Dual Standard Connectors + Dual Rotation Connectors**
  - **iCare C2 Type (120 V)** ORDER CODE Y1002796
  - **iCare C2 Type (230 V)** ORDER CODE Y1002787

- **Single Standard Connector + Triple Rotation Connectors**
  - **iCare C3 Type (120 V)** ORDER CODE Y1002797
  - **iCare C3 Type (230 V)** ORDER CODE Y1002788

### Contents

- iCare unit
- 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/cm²)
- 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 (0.5-0.6 kgf/cm²)
- Do not use iCare to lubricate air scalers and Phatelus air motors.
- The 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.
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Check with the dealer for the adaptors to mount other manufacturers' handpieces.

### iCare Complete Sets

- **Dual Standard Connectors + Dual Rotation Connectors**
  - **iCare C2 Type (120 V)** ORDER CODE Y1002796
  - **iCare C2 Type (230 V)** ORDER CODE Y1002787

- **Single Standard Connector + Triple Rotation Connectors**
  - **iCare C3 Type (120 V)** ORDER CODE Y1002797
  - **iCare C3 Type (230 V)** ORDER CODE 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/cm²)
- Weight 6.5 kg (C2 type / C3 type)
- Dimension W 280 x D 240 x H 350 (mm)
- Solution Tank Capacity 1.2 L
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.

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.

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.

PANA SPRAY Plus Nozzles

- Phatelus Spray Nozzle (Order Code: P183090)
  - For High speed attachments and air motors which attach to Phatelus and Mach Couplings

- KV Nozzle (Order Code: Z090051)
  - For KaVo MULTIfile® LUX

- SR Nozzle (Order Code: Z090052)
  - For Sirona® Quick Coupling

- WH Nozzle (Order Code: Z090054)
  - For W&H® Roto Quick

- BA Nozzle (Order Code: Z090053)
  - For Bien-Air® Uniflex®

- E-Type Spray Nozzle (Order Code: Z019090)
  - For E-Type® attachments

- F-Type Spray Nozzle (Order Code: Z256090)
  - For ENDO-MATE TC2 / DT & SD900 heads

- MG-4H (Order Code: Z109400)
  - For Midwest 4 hole & LUX Coupling

- MG-2/3H (Order Code: Z109200)
  - For Borden 2/3 hole

E-Type: Conformable to ISO 3964.
## Handpieces Air Pressures

<table>
<thead>
<tr>
<th>Air Turbine</th>
<th>Air Pressures MPa (kgf/cm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ti-Max Z</td>
<td>0.25<del>0.30 MPa (2.5</del>3.0 kgf/cm²)</td>
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<tr>
<td>S-Max M</td>
<td>0.20<del>0.25 MPa (2.0</del>2.5 kgf/cm²)</td>
</tr>
<tr>
<td>S-Max pico</td>
<td>0.25<del>0.30 MPa (2.5</del>3.0 kgf/cm²)</td>
</tr>
<tr>
<td>Ti-Max X460</td>
<td>0.25<del>0.30 MPa (2.5</del>3.0 kgf/cm²)</td>
</tr>
<tr>
<td>Pana-Max PLUS</td>
<td>0.18<del>0.22 MPa (1.8</del>2.2 kgf/cm²)</td>
</tr>
<tr>
<td>Pana-Max2</td>
<td>0.20<del>0.25 MPa (2.0</del>2.5 kgf/cm²)</td>
</tr>
<tr>
<td>PRESTO AQUA LLX</td>
<td>0.25<del>0.30 MPa (2.5</del>3.0 kgf/cm²)</td>
</tr>
<tr>
<td>PRESTO AQUA I</td>
<td>0.25<del>0.30 MPa (2.5</del>3.0 kgf/cm²)</td>
</tr>
<tr>
<td>PRESTO II</td>
<td>0.20<del>0.25 MPa (2.0</del>2.5 kgf/cm²)</td>
</tr>
<tr>
<td>Air Motor</td>
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</tr>
<tr>
<td>Ti-Max X206L</td>
<td>0.20<del>0.25 MPa (2.0</del>2.5 kgf/cm²)</td>
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<tr>
<td>DuralLED M205LG</td>
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<tr>
<td>S-Max M205</td>
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<tr>
<td>FX205m</td>
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### Oral Hygiene

<table>
<thead>
<tr>
<th>Oral Hygiene</th>
<th>Air Pressures MPa (kgf/cm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ti-Max S970</td>
<td>0.30 MPa (3.0 kgf/cm²)</td>
</tr>
<tr>
<td>AS2000</td>
<td>0.28 MPa (2.8 kgf/cm²)</td>
</tr>
<tr>
<td>Prophy-Mate neo</td>
<td>0.27<del>0.40 MPa (2.7</del>4.0 kgf/cm²)</td>
</tr>
<tr>
<td>Perio-Mate</td>
<td>0.30<del>0.40 MPa (3.0</del>4.0 kgf/cm²)</td>
</tr>
</tbody>
</table>