



# Care & Maintenance instructions

## 1. Preparation

- Remove handpiece from tubing
- Remove bur
- Do not submerge handpiece in any solution

## 2a. Automatic cleaning and disinfection using a thermo/washer disinfectant

- Always ensure that handpieces are placed on the correct adaptors
- Cleaning agent pH level must be between 2.5-10.5
- Rinse cycle must be activated

**OR (if automatic method is not available see 2b below)**

## 2b. Manual cleaning using tap water, brushes and cloths

- Clean handpiece under cold or tepid running water using a soft to medium brush

## 3. Inspect

- Inspect handpieces for debris and repeat above process if necessary

## 4. Drying

- The drying procedure is normally part of the cleaning programme of the thermo/washer disinfectant alternatively dry manually using a tissue

## 5a. Automatic lubrication using NSK Care3 Plus

- Check machine is connected and working correctly
- Connect handpiece to correct port
- Select appropriate cycle (refer to NSK Care3 Plus user manual)
- Use air cycle as required
- Always lubricate straight handpieces with closed chuck and blanking piece inserted
- Always complete steps 2,3,4,5 in quick succession
- Lubricate chuck mechanism using PANA SPRAY plus with tip nozzle at least 2-3 times per week

## 5b. Manual lubrication using NSK PANA SPRAY plus

- Select correct nozzle for handpiece (see list below)
- Shake spray can
- Keep spray can in upright position
- Insert nozzle into handpiece
- Always lubricate straight handpieces with closed chuck and blanking piece inserted
- Spray handpiece for 2-3 seconds holding a clean tissue over the head end
- Check tissue for debris and if oil is not running clean repeat process until handpiece is clean and free of debris
- Lubricate chuck mechanism using PANA SPRAY plus with tip nozzle weekly
- Always complete steps 2,3,4,5 in quick succession

## 6. Packaging

- Pack in accordance with current applicable standards/legislation if using a B or S type autoclave. If using an N type autoclave, pack AFTER sterilisation.

## 7. Sterilisation

- Sterilise in a steam steriliser (autoclave) at a temperature not exceeding 138°C in accordance with current applicable standards. Always remove from autoclave as soon as cycle is complete.

## 8. Storage

- Store handpieces protected from dust, dirt and microorganisms, ideally in an upright position (head up)
- Handpieces MUST be stored dry
- Always comply with expiry dates of sterilised items in accordance with current applicable standards/legislation

## PANA SPRAY Plus Nozzles

Always choose the right one for your handpiece



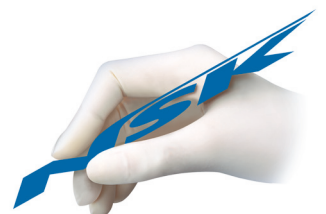
**Call NSK on 1300 44 33 21 (Australia) or 0800 44 33 21 (New Zealand)  
for more information or contact your  
Preferred Authorised Dental Dealer**

## Product Information | Technical Support

1300 44 33 21 (Australia) or 0800 44 33 21 (New Zealand)

Email: [info@nskoceania.com.au](mailto:info@nskoceania.com.au)

[www.nskoceania.com.au](http://www.nskoceania.com.au)



Powerful Partners®

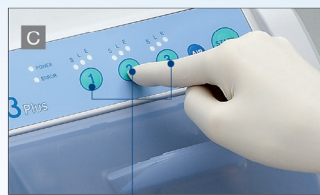
## Automatic cleaning and lubrication using NSK Care3 Plus is simple



Maintenance oil tank



Oil level indicator Instrument connector










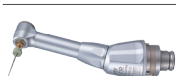
Mode selection buttons



Start button

- Check oil level indicator. Add more oil if required
- Open the door and connect 1, 2 or 3 handpieces to the correct handpiece adaptor. Close the door (Care3 Plus will not operate if the door is open)
- Select the correct programme Mode for each handpiece type by pressing the relevant Mode selection button (1, 2 or 3), until the required mode light is illuminated
  - S Mode for High Speed handpieces (air turbines) (Cycle time 35 seconds)
  - L Mode for Blue band Low Speed handpieces and NSK heads (Cycle time 45 secs)
  - E Mode for all speed reducing, speed increasing and surgical contra-angles and straight handpieces (Cycle time 50 secs)
- Press the 'Start' button. The door should not be opened until the cycle is finished. When the cycle is finished, before removing the handpieces, flush with air by pressing the 'air' button – as required

## Always select the correct adaptor before cleaning and lubrication







- |  |  |
|--|--|
|  | <b>E-Type Handpiece</b><br>For All Brands ISO E-Type and E-Type LUX Low Speed handpiece attachments – Z280-035 E-Type  |
|  | <b>NSK Coupling</b><br>For High Speed handpieces that connect to NSK couplings – Z257-010 NSK                          |
|  | <b>Borden 2 hole</b><br>For Borden 2 hole High Speed handpieces – T904-001 Borden®                                     |
|  | <b>Kavo Coupling</b><br>For High Speed handpieces that connect to Kavo® Multiflex LUX® couplings – Z257-020 Kavo®      |
|  | <b>Sirona Coupling</b><br>For High Speed handpieces that connect to Sirona® Quick couplings – Z257-023 Sirona®         |
|  | <b>W&amp;H Coupling</b><br>For High Speed handpieces that connect to W&H® Roto Quick® couplings – Z257-021 W&H®        |
|  | <b>Bien Air Coupling</b><br>For High Speed handpieces that connect to Bien-Air® Unifix® couplings – Z280-022 Bien-Air® |
|  | <b>F-Type Head</b><br>For ENDO-MATE DT, TC / TASKAL Wizard Heads – Z280-042 F-Type                                     |

## Always select the correct spray nozzle before cleaning & lubrication


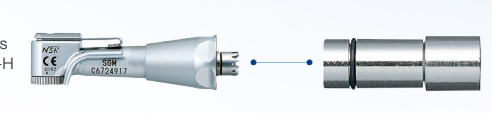
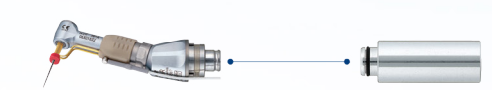
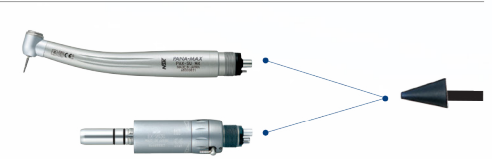
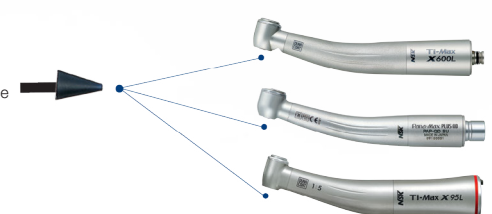
It is preferable to purge any excess solution by briefly operating the handpiece. When purging cover the handpiece head with a tissue. Firmly attach the nozzle onto the valve at the top of the Pana Spray Plus can.

Keep the spray can in an upright position

### High Speed Optic & Non Optic handpieces that connect direct to:

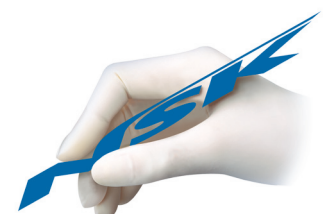
- |                                   |   |
|-----------------------------------|---|
| NSK type nozzle<br>P183-090       |  |
| Kavo® type nozzle<br>Z090-051     |  |
| W&H® type nozzle<br>Z090-054      |  |
| Sirona® type nozzle<br>Z090-052   |  |
| Bien-Air® type nozzle<br>Z090-053 |  |
| QD type nozzle<br>Z096-090        |  |

### Contra-angles, Handpieces, Shanks & Heads:

- |  |   |
|--|---|
| E Type (all brands)<br>Z019-090  |  |
| ISO E Type (all brands) and NSK Surgical Heads SGM-I, SGM-S & SGQ-H<br>Z114-090                                |  |
| NSK HEADS used with Endo-Mate DT, TC, TC2 and TASKAL Wizard<br>Z256-090  |  |
| Tip nozzle for Borden 2/3 and Midwest 4 hole turbines and Borden 2/3 and Midwest 4 hole air motors<br>Z020-201 |  |
| Tip nozzle for chuck mechanism maintenance<br>Z020-201   |  |

**Product Information | Technical Support**  
1300 44 33 21 (Australia) or 0800 44 33 21 (New Zealand)  
Email: [info@nskoceania.com.au](mailto:info@nskoceania.com.au)  
[www.nskoceania.com.au](http://www.nskoceania.com.au)

Kavo® and MULTIFLEX LUX® are registered trademarks of Kaltenbach & Voigt GmbH & Co., Germany. Sirona® is a registered trademark of Sirona Dental Systems GmbH, Germany. W&H® and Roto Quick® are registered trademarks of W&H Dentalwerk Bürmoos GmbH, Austria. Bien-Air® and Unifix® are registered trademarks of Bien-Air Dental S.A., Switzerland.



Powerful Partners®