



HYGIENIC MAINTENANCE & STERILIZATION INSTRUCTIONS

W&H instruments are in a clean condition when delivered BUT are neither lubricated nor sterilized. The majority of W&H instruments do not require disassembly prior to decontamination, although specialist surgical instruments e.g. S-11 & SL-11 are able to be disassembled – for further guidance please contact W&H on the telephone number below.

1. CLEANING

- 1.1 Run instrument with bur in place and water on, to purge the instrument.
- 1.2 Remove bur or rotary instrument.
- 1.3 **If not using the W&H Assistina system**, turn off water spray feed on dental unit, disconnect instrument from the coupling by 3-5mm, hold firmly and operate drive air for 2 seconds. This is to blow water out of the spray channel, as calcium deposits in the water may lead to blockages. An alternative would be to use the air supply of the 3/1 syringe.
- 1.4 Remove instrument from drive source.
- 1.5 If external disinfection is dictated by local guidelines, use disinfectants with a **pH value between 2.5 and 9. DO NOT use any Gluteraldehyde or Chlorine based substances.**
- 1.6 If local guidelines dictate the use of a thermo-washer-disinfector, and the instrument is marked accordingly, this must be conducted in accordance with HTM 01-05. The instrument must be placed vertically with the head upward, and only mild detergents should be used, with a pH value between 2.5 and 9. Strictly observe the drying procedures, and dry any water residue with a 3/1 syringe. **AFTER THERMO-WASHER-DISINFECTION THE INSTRUMENT MUST BE CORRECTLY LUBRICATED PRIOR TO STERILIZATION.**
For further information on thermo-washer-disinfectors consult HTM 01-05.
- 1.7 **DO NOT** place instrument in an ultrasonic bath.

2. LUBRICATION – Always lubricate prior to sterilization

Use W&H MD-400 F1 Service Oil **OR** the W&H Assistina Cleaning & Lubricating Unit

DO NOT use any other makes of lubricant - W&H Service Oil is formulated to be fully compatible with the components used in the manufacture of W&H products, and also to withstand the pressures and temperatures of sterilization.

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Hygienic Maintenance & Sterilization Instructions (cont'd)

LUBRICATION WITH W&H MD-400 F1 SERVICE OIL:

- 2.1 Always use the correct nozzle and cap for the instrument, and ensure the nozzle 'O' rings are intact before use. Shake the can well and place on a firm level surface. Placing a tissue around the head of the instrument, bring the instrument to the oil can and locate securely onto the nozzle. Spray for **one second**. This will clean and lubricate the instrument internally.
- 2.2 Wipe off excess oil with a tissue and dispose of in an appropriate manner.

LUBRICATION WITH W&H ASSISTINA CLEANING & LUBRICATING UNIT

- 2.3 Follow manufacturer's instructions.

3. STERILIZATION – in accordance with HTM 01-05 and/or other appropriate guidelines

- 3.1 Packaging prior to sterilization – wrapping materials should comply with the relevant part of the European Standard EN868 'Packaging Materials and Systems for Medical Devices which are to be sterilized'.
- 3.2 Place instrument in autoclave and follow manufacturer's instructions.
- 3.3 Steam sterilization temperature **must be within 134 -138°C**.
- 3.4 Procedures for the correct sterilization of W&H instrumentation, as with all instruments, will vary according to the type and make of sterilizer/autoclave used.

The above instructions are given for W&H instrumentation only: should you have any queries arising from these instructions please call **W&H (UK) Ltd on 01727 874990**.

IT IS RECOMMENDED that all W&H instrumentation be serviced at least once annually. Please note that W&H (UK) Ltd provides a **24-hour turnaround W&H Technical Premium Service** accredited repair service when instruments are returned directly to the **Technical Service Department, W&H (UK) Ltd, 6 Stroud Wood Business Centre, Park Street, St Albans, Herts, AL2 2NJ**

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