

Getting It Right – Optimum Hygiene and Maintenance



Preparation of W&H Med
 straight/contra-angle handpieces and motors

Notes on preparation

These hygiene and care recommendations apply for W&H Med straight/contra-angle handpieces and motors in particular.

General notes

- Transmission instruments must be cleaned and disinfected immediately after every treatment.
- Use certified and tested disinfectants for W&H Med transmission instruments and surgical motors and observe the corresponding dosage and reaction time. The disinfectant used must not contain chlorine.

Transmission instruments and surgical motors labelled with this symbol are approved for the sterilization procedure recommended.

Transmission instruments and surgical motors labelled with this symbol can be cleaned and disinfected in a thermo washer disinfectant.

- Follow detailed instructions in the manufacturer's Instructions for use.
- Wear protective clothing, protective goggles, protective mask and gloves.
- Use clean, dry drive air.
- W&H recommends the use of demineralized water.
- Please refer to the detailed information at med.wh.com

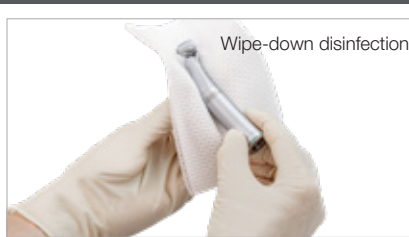
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Initial situation



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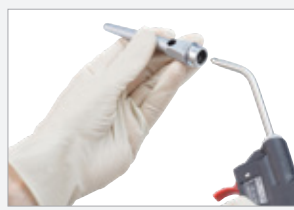
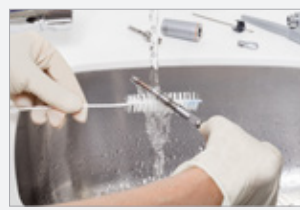
Preparation



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Cleaning / Drying

Manual



Removal of remaining liquid lead with compressed air

Automated

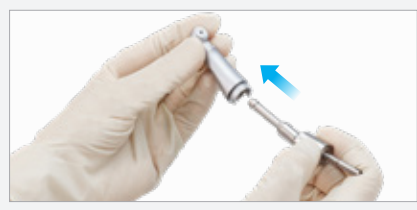


Observe the thermal washer disinfectant manufacturer's instructions!



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Disinfection / Drying



Visual inspection



Observe the thermal washer disinfectant manufacturer's instructions!

Transmission instruments can be put into the thermal washer disinfectant in an assembled or disassembled state; if assembled, the instruments must be placed on the corresponding adaptors.

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Inspection and lubrication

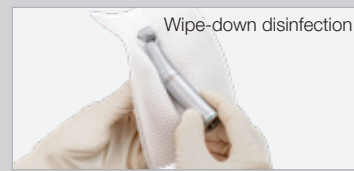
Frequency of maintenance:

- After every internal cleaning
- Before every sterilization

Manual



Machine



The motor with cable must not be oiled (pre-oiled for entire lifespan)

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Packaging / Sterilization

Packaging

- Each packaging system must consist of a sterile barrier system and protective packaging.
- Use only packaging systems and methods that meet the applicable standards in respect of quality and use and are suitable for the sterilization method.
- Sterilization packages must be large enough for the sterilization goods and not be under tension.
- Never re-use pouches or any other packaging material.

Recommended sterilization procedures

- "Dynamic-air-removal prevacuum cycle" (type B) / "Steam-flush pressure-pulse cycle" (type S)/** 134°C (273°F) for at least 3 minutes, 132°C (270°F) for at least 4 minutes
- "Gravity-displacement cycle" (type N)** 121 °C (250°F) for at least 30 minutes
- Maximum sterilization temperature 135°C (275°F)

Evidence of the medical device's basic suitability for effective sterilization was provided by an independent test laboratory using the LISA 517 B 17L* steam sterilizer (W&H Sterilization S.r.l., Brusaporto (BG)), the Systec VE-150* steam sterilizer (Systec) and the CertoClav MultiControl MC2-S09S273** steam sterilizer (CertoClav GmbH, Traun).

*EN 13060, EN 285, ISO 17665
 **ANSI/AAMI ST55, ANSI/AAMI ST79



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Storage

Store sterile goods dust-free and dry. The shelf life of the sterile goods depends on the storage conditions and type of packaging.

Further information at med.wh.com/en_global/medical-products/sterilization