




## Getting It Right – Optimum Hygiene and Maintenance.


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




### NOTES ON PREPARATION

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

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

 Transmission instruments and dental motors bearing this mark are approved for the sterilization procedure recommended

 Data Matrix Code. Read with appropriate equipment for simple product identification and traceability, for example within hygienic maintenance routines.

#### General notes

> Please note that transmission instruments and surgical motors must be cleaned and disinfected immediately after every treatment.

> The use of protective clothing (tear-resistant gloves, goggles, possibly mouth protection) is recommended.

> Comply with the detailed information in the manufacturer's operating instructions.

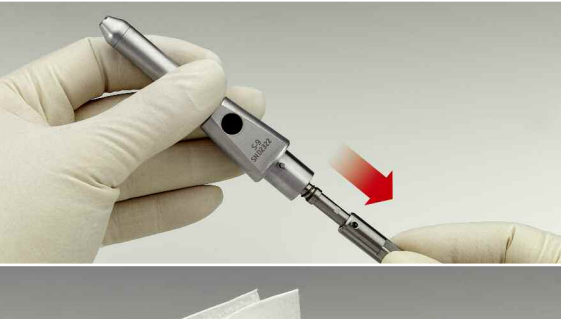
> Use certified and tested disinfectants for W&H transmission instruments and surgical motors and observe the corresponding dosage and reaction time. The disinfectant used must not contain chlorine.

> W&H recommends the use of demineralized water.


Straight and contra-angle handpieces

Surgical motors

### 1 PREPARATION / PRE-DISINFECTION



Remove rotary instruments from the chucking system. Disconnect straight/contra-angle handpieces from the motor. Disassemble straight/contra-angle handpieces.

 If heavily soiled, clean first with disinfectant cloths (without protein-fixing effect).



Remove surgical motor with cable from the control unit. Place a motor protection cap on the surgical motor.

### 2 CLEANING / DRYING



Manual: Clean using running, demineralised water (< 38°C). Then dry with absorbent cloth and compressed air syringe.

 Mechanical: if you see this symbol then the transmission instruments can be cleaned and disinfected in a thermo washer disinfectant.




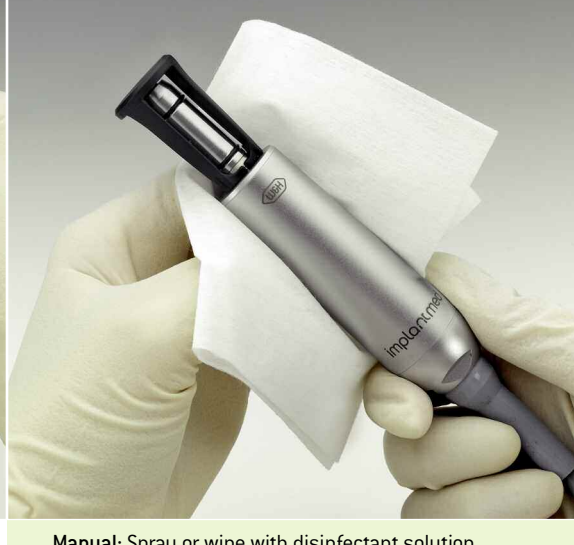
Manual: Clean with flowing, demineralized water (< 38°C). Then dry with absorbent cloth and compressed air syringe.

### 3 DISINFECTION



Manual: Spray or wipe with disinfectant solution or cloth.

 Observe the manufacturer's recommendations regarding the use of disinfectants.



Manual: Spray or wipe with disinfectant solution or cloth.

### 4 ASSEMBLY



Assemble only instrument parts with identical serial numbers.



In the case of sterilization with a drying programme: remove the motor protection cap. In the case of sterilization without a drying programme: use the motor protection cap.

### 5 LUBRICATION



Manual: Apply F1 Service Oil using correct adaptor and absorbent cloth.

Machine: Internal cleaning and lubrication with correct adaptor and Assistina 301 plus.



The surgical motor is maintenance-free.

### 6 STERILIZATION / STORAGE



For invasive treatment, the transmission instruments and motors must be sterilized in packaging and used in a sterile condition. W&H transmission instruments and motors can be sterilized with:

 > Steam-vacuum sterilization, Class B  
> Steam sterilization, Class S

W&H recommends Class B sterilization according to EN 13060.

Storage: Use sterile goods packaging or store under contamination-free conditions.

Further information at [wh.com/hygiene](http://wh.com/hygiene)