

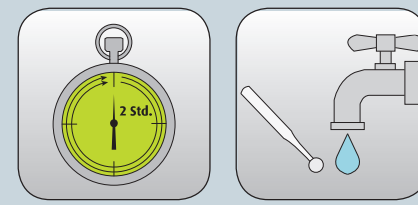


Machine cleaning procedure of medical products

Newly delivered unsterile instruments must be prepared accordingly before first use!

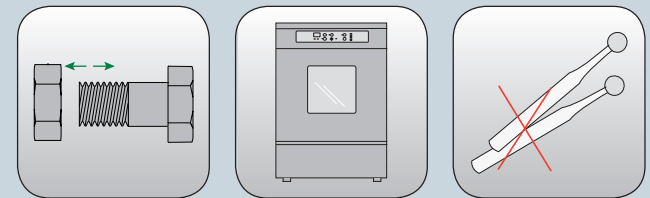
1. Pre-treatment

- › Abrasive impurities need to be removed from the products directly after use (within two hours maximum). To do so, use running water or a disinfectant solution (must not contain aldehydes, its effectiveness should be established, suitable and compatible for the products)
- › Products with lumen (cavities): rinse all cavities 3 times by using a disposable syringe and a canula



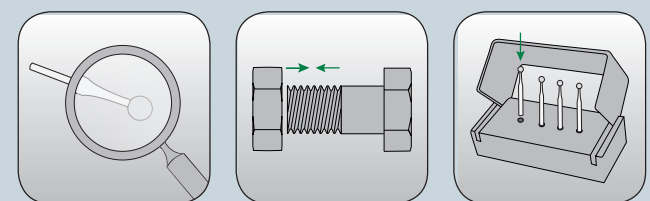
2. Cleaning and disinfecting with disinfectant / RDG

- › The effectiveness of the disinfectant has been certified
- › Disassemble the products as far as possible
- › Ensure that all lumens are rinsed effectively as part of the pre-cleaning process
- › Place the disassembled products in the disinfectant and take care that the products do not touch each other
- › Start the program
- › Remove the products from the disinfectant after the program has finished
- › Check and wrap the products straight after removal if possible
- › Ensure that the disinfectant is regularly maintained and checked. Use only filtered air for drying and water that is either sterile or low in germs and endotoxins



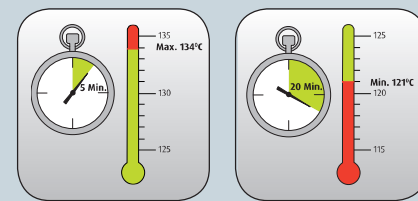
3. Checking / Maintenance / Packaging

- › Check the products for corrosion, damaged surfaces / bare patches, broken / chipped-off edges,
- › deformations and impurities and eliminate damaged products. Products that are still contaminated need to be cleaned and disinfected once more
- › Re-assemble disassembled products, instrument oils must not be used
- › Arrange the cleaned and disinfected products in the dedicated bur block / sterilisation tray.
- › Wrap the products and / or the bur blocks / sterilisation trays using disposable sterilisation packaging (disposable or double packaging) and / or sterilisation containers



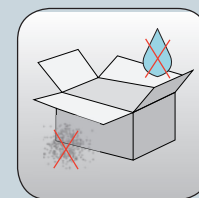
4. Sterilisation

- › Steam sterilisation: use of a fractional vacuum process or a gravitation process
- › Maximum sterilisation temperature 134°C (273°F)
- › At least 20 min at 121°C (250°F) and / or at least 5 min (or 18 min at prion deactivation) at 132°C (270°F) / 134°C (273°F)



5. Storage

- › The products need to be stored in sterilisation wrapping in a dry and dust-free place. Please note the shelf-life resulting from the validation of the sterilisation wrapping.



- › Use particular care during the cleaning of the grinding surfaces of the instruments and ensure that all residues are removed.
- › In case of polishers and abrasives residual blood, saliva and polishing paste cannot be removed totally because of the porous surface. For this reason, the reuse of these products is not suggested by the JOTA AG.
- › Products equipped with a conduit to supply a cooling medium and other products with lumens (canals, drillings etc.):
 - ›› Products containing lumens without feed-through channels must not be re-used
- › Bur blocks / instrument trays / Sonic Line keys:
 - ›› Cleaning and disinfecting only without products being loaded (products must not be cleaned and disinfected whilst they are in the bur block / instrument tray)
 - ›› Burblocks and other instruments made of aluminum (or other light metal) are not suitable for cleaning using a disinfectant RDG
- › Please follow the manufacturer's instructions and the maintenance specifications for using of the autoclave and the disinfectant.
- › When cleaning instruments unprotected against corrosion (like steel instruments) a corrosion-inhibiting disinfectants and cleaning agents must be used and they have to be pretreated with rust preventing spray before sterilization.
- › The method of use, reaction time and suitability of disinfectants and cleaning agents for certain types of instrument are covered by the manufacturers' instructions.
- › In case of severe contamination of the instrument, it is recommended to use a ultrasonic bath for cleaning.
- › Usage of protection gloves during work with contaminated instruments is highly recommended!

