# MANUAL CLEANING

# Manual cleaning procedure of flexible Polishers from Hager & Meisinger GmbH

### Important Information:

- Newly delivered unsterile instruments must be prepared accordingly before first use
- · Please note that instruments made of different materials should never be reprocessed together.

### 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)







touch each other!

Cleaning and disinfecting

- Place the products in the cleaning bath for the prescribed contact time and concentration (it is essential that the concentrations recommended by the manufacturer of the cleaning agent are adhered at all times), take care that the products do not touch each other
- Take the products out of the cleaning bath and rinse at least 3 times thoroughly with water
- Check the products
- · Place the products in the disinfecting bath for the prescribed contact time and concentration (it is essential that the concentrations recommended by the manufacturer of the disinfectant agent are adhered at all times)
- Take the products out of the disinfecting bath and rinse them thoroughly with water at least 3 times
- Dry the products by blowing them dry using filtered pressurised air
- Wrap the products

Use only filtered air for drying and water that is either sterile or low in germs and endotoxins









### 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
- 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

- 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)

## 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

- The label on the cleaning and/or disinfecting solution must specifically say "suitable for rubber polishers or synthetics/silicones".
- The usage of strong acids and strong bases may oxidize the stainless steel shank.
- Ultrasonic bath must not exceed temperatures of 42° C because of the possible coagulation of albumen.
- Temperatures above 150° C must be avoided.
- Disposable products delivered unsterile, marked with the symbol 🔘, may only go through the validated sterilisation cycle once before initial use.

### Bur blocks / instrument trays

- Cleaning and disinfecting only without products being loaded (products must not be cleaned and disinfected whilst they are in the bur block / instrument tray)
- Remove attachments prior to cleaning and disinfecting and clean and disinfect in disassembled state

It concerns a comprising representation of our detailed reprocessing tips. You can find this on our internet page or in our catalogue which we will gladly send to you on inquiry.



# MACHINE CLEANING

# Machine cleaning procedure of flexible Polishers from Hager & Meisinger GmbH

### Important Information:

- Newly delivered unsterile instruments must be prepared accordingly before first use
- · Please note that instruments made of different materials should never be reprocessed together.

### 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)



- The effectiveness of the disinfector has been certified
- Ensure that all lumens are rinsed effectively as part of the pre-cleaning process
- · Place the disassembled products in the disinfector
- Take care that the products do not touch each other
- · Start the program
- · Remove the products from the disinfector after the program has finished
- Check and wrap the products straight after removal if possible

Ensure that the disinfector is regularly maintained and checked. Use only filtered air for drying and water that is either sterile or low in germs and endotoxins









touch each other!

## 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
- 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

### 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  $121^{\circ}$ C ( $250^{\circ}$ F) and / or at least 5 min (or 18 min at prion deactivation) at  $132^{\circ}$ C (270°F) / 134°C (273°F)













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

- The label on the cleaning and/or disinfecting solution must specifically say "suitable for rubber polishers or synthetics/silicones".
- The usage of strong acids and strong bases may oxidize the stainless steel shank.
- Ultrasonic bath must not exceed temperatures of 42° C because of the possible coagulation of albumen.
- Temperatures above 150° C must be avoided.
- Disposable products delivered unsterile, marked with the symbol ②, may only go through the validated sterilisation cycle once before initial us

### Bur blocks / instrument trays

- Cleaning and disinfecting only without products being loaded (products must not be cleaned and disinfected whilst they are in the bur block / instrument tray)
- Remove attachments prior to cleaning and disinfecting and clean and disinfect in disassembled state

It concerns a comprising representation of our detailed reprocessing tips. You can find this on our internet page or in our catalogue which we will gladly send to you on inquiry.