

# MANUAL CLEANING

## Manual cleaning procedure of medical products from Engineered Endodontics

### Important Information:

- Newly delivered unsterile instruments must be prepared accordingly before first use
- Steel tool instruments without suitable pretreatment are not suitable for sterilization (also note the special cleaning procedure of steel instruments)
- Please note that instruments made of different materials should never be reprocessed together. Pre-treatment

### 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)

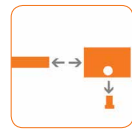


within  
2 hours max.



### 2 Cleaning and disinfecting

- Disassemble the products
- Place the disassembled 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



Disassemble  
the products!



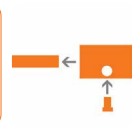
Take care that the  
products do not  
touch each other!

### 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 sterilization containers



Check the  
products



Re-assemble  
disassembled  
products



### 4 Sterilization

- Steam sterilization: use of a fractional vacuum process or a gravitation process
- Maximum sterilization 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)



Sterilization!



Sterilization!

### 5 Storage

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



### ! Endodontic Instruments

- The use of ultrasound for effective reprocessing is carried out according to the current state of technology in Endodontic instruments

### 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 medical products from Engineered Endodontics

### Important Information:

- Newly delivered unsterile instruments must be prepared accordingly before first use
- Steel tool instruments without suitable pretreatment are not suitable for sterilization (also note the special cleaning procedure of steel instruments)
- Please note that instruments made of different materials should never be reprocessed together.

### 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)

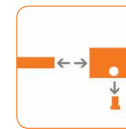


within  
2 hours max.

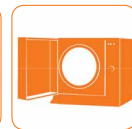


### 2 Cleaning and disinfecting with disinfectant / RDG

- The effectiveness of the disinfectant has been certified
- Disassemble the products as far as possible
- Place the disassembled products in the disinfectant
- 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



Disassemble  
the products!



Take care that the  
products do not  
touch each other!

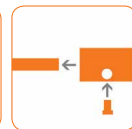
Ensure that the disinfectant is regularly maintained and checked. Use only filtered air for drying and water that is either sterile or low in germs and endotoxins

### 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



Check the  
products



Re-assemble  
disassembled  
products



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Sterilisation!



Sterilisation!

### 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



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### Bur blocks / instrument trays

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