

# PREPARATION AND REPROCESSING INSTRUCTIONS

for all KKD polishers

MANUFACTURER: **Kentzler-Kaschner-Dental GMBH**  
Mühlgraben 36  
73479 Ellwangen/Jagst

METHOD: H  
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SYMBOL: 

## // WARNING NOTICES

- Strong acids and strong bases may oxidize the stainless steel shaft.
- Rinse the polisher with distilled water after the treatment with cleaning and disinfectant solutions.
- Avoid temperatures > 150°C.
- Ultrasonic bath must not exceed temperatures of 42°C because of the possible coagulation of albumen.

## // RESTRICTION OF REPROCESSING

Disposable products delivered unsterile, marked with the symbol (☉), may only go through the validated sterilisation cycle ONCE before initial use.

## // COMMENT

- Concerns all rotating polishing and grinding instruments that are classified as semi-critical according to RKI-guideline.
  - All instruments are delivered unsterile and must be run through the indicated cycle before and after each use.
  - The label on the cleaning and/or disinfecting solution must be specifically say **suitable for rubber polishers or synthetics/silicones**, because if the label only says rotary instruments, the solution may not be suitable for polishers.

## // INSTRUCTIONS

<b>CLEANING PREPARATION:</b>	➤ Pre-clean under running water with a brush (plastic) directly after use.
<b>CLEANING: MANUAL</b>	<ul style="list-style-type: none"> <li>➤ Under running water with a brush (plastic bristles).</li> <li>➤ Machine assisted.               <ol style="list-style-type: none"> <li>1. Ultrasonic assisted cleaning with a suitable cleaning agent and disinfectant.</li> <li>2. Rinse the instruments afterwards under running water.</li> </ol> </li> </ul>
OR	
<b>CLEANING: AUTOMATIC</b>	➤ Thermal disinfectant: Manufacturer's specification according to DIN EN ISO 15883. Cleaning programme as indicated by the manufacturer in the operating instructions.
<b>DISINFECTION:</b>	➤ Use a solution classified as suitable for <b>rubber and silicone polishers and synthetics</b> by the disinfectant manufacturer. Exposure times and concentrations recommended by the manufacturer should be adhered to.
<b>RINSING:</b>	➤ Rinse the polishers with <b>distilled water</b> after treatment with cleaning and disinfectant solutions.
<b>DRYING:</b>	➤ Dry with fresh, clean, lint-free cellulose tissues.
<b>MAINTENANCE:</b>	➤ Visual check of all instruments with optical magnification (5-10 fold).
<b>INSPECTION:</b>	<ul style="list-style-type: none"> <li>➤ No residues &gt; continue to <b>sterilisation</b>.</li> <li>➤ Visible residues &gt; repeat <b>cleaning</b>. Reject and dispose of instruments in the event of discernible defects.</li> </ul>

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<b>STERILISATION:</b>	<ul style="list-style-type: none"> <li>➤ For all instruments that need to be sterilized in accordance with EN ISO 17664, Method H, of the RKI guideline "Prevention of infection in Dentistry" and all national valid legal requirements..             <ul style="list-style-type: none"> <li>➤ Steam sterilisation: Appliance according to EN 13060, validated procedure. Category: S- or B-steriliser.                 <ul style="list-style-type: none"> <li>➤ Holding time: Full cycle 5 min</li> <li>➤ Sterilisation temperature: 134°C</li> <li>➤ Drying time: 10 min</li> <li>➤ Threshold values of contents for feed-water and steam condensates</li> </ul> </li> </ul> </li> </ul> <p>Loading of steriliser according to manufacturer's instructions Follow manufacturer's operating instructions</p>
<b>STORAGE:</b>	<ul style="list-style-type: none"> <li>➤ Store instruments packed and protected from recontamination in proven suitable sterile packaging, cassettes or retainers.</li> </ul>
<b>ADDITIONAL INFORMATION:</b>	<ul style="list-style-type: none"> <li>➤ Repetitive reprocessing can change both the look and feel of the instruments slightly, but does not interfere with the instrument's function.</li> </ul>

### // VALIDATION CONDITIONS

#### MANUAL CLEANING:

- Cleaning and disinfectant solution Dürr Dental ID 212
- Concentration: 2%
- Holding time: 5 min

#### ULTRASONIC ASSISTED CLEANING:

- Dürr Dental ID 212 / Readymade solution; Holding time according to manufacturer
- Type of appliance : Ultrasonic
- Concentration: 2%
- Holding time: 2 min

#### AUTOMATIC CLEANING:

- Cleaning and disinfecting machine Miele G 7883
- Programme: SPECIAL 93°C -10'
- Holding time: 10 min
- Detergent: Dr. Weigert – neodisher MediClean Dental
- Rinsing: 3 min at 75°C with neodisher Z Dental

#### STERILISATION:

- Holding time full cycle: 5 min
- Sterilisation temperature: 134°C
- Drying time: 10 min
- Threshold values of contents for feed-water and steam condensates