

Reprocessing of glass products

Manufacturers information on how to reprocess medical devices (DIN EN ISO 17664).

Classification non-critical medical devices

Process code G

Symbol



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Products

This manufacturer's information applies to all glass articles supplied by Alfred Becht GmbH (non-critical medical products).

Limitation of reprocessing

Unlimited

Preparation of the production line/reprocessing location

Remove any surface contamination and disinfect the work surface.
(e.g. with Bechtofix plus)

Storage and transport

It is recommended that reprocessing of the product is begun as soon as possible after use. It should be transported promptly and in a closed and preferably dry container.

Preparation

Dismountable medical devices are to be disassembled before starting cleaning and disinfection.

Manual cleaning and disinfecting

Attending facilities

Cleaning agent: gentle dish-liquid

Cleaning equipment: e.g. ultrasonic device

Disinfectant: Bechtozid plus (spray) or Bechtofix plus disinfection tissues (wipes), Bechtid plus concentrate (to insert into a disinfecting bath).

Soft brush

Running water

Drying cabinet

Procedure

1. Any surface contamination and traces of medicines or chemicals are removed from the product using warm running water and, if necessary, an ultrasonic device or a soft brush.
2. Apply the selected cleaning agent to the entire surface. All areas must be reached (e.g. including the spouts of Medi-Spencers).

Intermediate rinsing

3. Next, rinse the product thoroughly under running water in order to remove traces of the cleaning agent. The water must also pass through any openings (e.g. the spouts of Medi-Spensors). Let the water drain off the inner and outer surfaces.

4. Either apply the selected disinfectant to the product according to the manufacturer's instructions or place the product in the disinfectant until it is completely covered by the liquid (please observe minimum times of immersion).

Final rinsing

5. Next, rinse the product thoroughly under running water in order to remove traces of the disinfectant. The water must also pass through any openings (e.g. the spouts of Medi-Spensors).

Dry the product with a clean, sterile and lint-free cloth or in a drying cabinet.

Procedure of mechanical cleaning and disinfecting

Attending facilities

Cleaning/disinfection device (e.g. thermal disinfectant)

Disinfectant (e.g. Bechtid plus)

Soft brush

Procedure

1. Place the product – cleaned of surface contamination and traces of medicines/chemicals – into the device, using suitable baskets in order to prevent the glass products from hitting or rubbing against one another.
2. Set the standard programme, wash for at least 5 minutes and rinse for at least 3 minutes.
3. When unloading the device, check the product for visible traces of dirt. If necessary, clean manually with a soft brush or carry out a further cleaning cycle in the machine. Do not expose glass to extreme changes in temperature – do not place hot glass products on a cold surface. Slow temperature changes help protect the glass.
4. A rinse cycle at 95°C can then be carried out for disinfection.

Procedure for sterilisation in the autoclave/vacuclave

(not obligatory)

Equipment required

Autoclave/vacuclave (tests carried out using Melag vacuclave, type 40-B)

Procedure

1. Wrap the previously cleaned and disinfected product in a sterilisation pouch. Observe the instructions of the manufacturer of the pouches.
2. Place the wrapped product in the device.
3. Set the programme. Recommended universal programme: Temperature 134°C, pressure 2.17 bar
4. Once the programme has finished, let the product cool down and store. Do not expose glass to extreme changes in temperature – do not place hot glass products on a cold surface. Slow temperature changes help protect the glass.

Following products can be used in the vacuclave:

Dappen dishes REF689, Covered bottles REF698 and 699, Bottle stand REF600 and 623, Standard Tray REF1 – 4, 6, 8, 14 and 15, Instrument rest REF627, Porcelain Tray REF1718, Denture Bowl REF 668, Unikap closure REF639, 639.1, Waste receiver REF1785, 652 and 663, Disinfection Jar REF648, Fräsator REF630 and 631, Cotton Wool Container REF654 and 664, Pellet Container REF651 and 661, Glass Jars for Cotton Wool REF 734 – 736, Petri Dishes REF791, 792, 703 - 706, Rinsing Jars REF650 and 658

Maintenance/checking and functional tests

The product should be checked for correct functioning after each reprocessing procedure. In the case of damage that affects the serviceability of the product, the product must be disposed of.

Manufacturer information

The manufacturer has confirmed that the instructions set out above are suitable for preparing the product for reuse.

The processor shall be responsible for ensuring that the reprocessing, and the equipment, materials and personnel used in the reprocessing facility, achieve the desired results. Similarly, any deviation on the part of the processor from the instructions provided should be carefully evaluated for effectiveness and any adverse consequences.

