

# E 478/1 holder with micro filter

## Items supplied:

Holder E 478/1 equipped with:

- 4 x connectors for Luer lock ♂
- 1 stainless steel filter plate
- 4 x E 531 caps for Luer-Locks

Optional accessories

- E 448 silicone tube, 300 mm, with Luer lock adapter ♂ \ for Luer lock ♀
- E 362, blanking screw
- E 790 Luer lock connector ♀ / Luer lock ♀

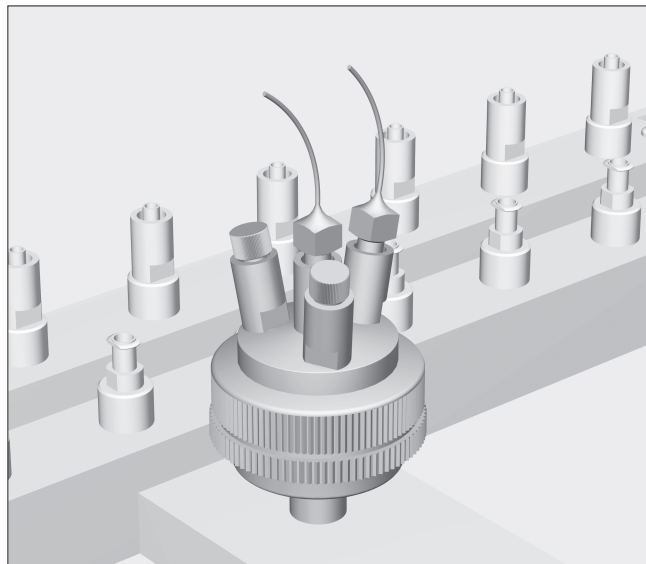
⚠ Please observe the Warning and Safety instructions in the Operating instructions for your washer-disinfector and mobile unit carefully. Process only cannulae/medical products which are declared by the manufacturer as suitable for machine processing. Observe any specific guidance, particularly with regard to necessary degree of filtration. The programme selected must be suitable for the materials from which the medical products to be processed are made. Where possible the programme should include thermal disinfection.

## Areas of application

The E 478/1 holder can be used in the injector unit for ophthalmic instruments. The injector unit comes with its own operating instructions. Extremely narrow lumen rinsing and suction handles and narrow lumen cannulae such as, e.g. Sauter cannulae can be reprocessed using the E 478/1 holder. The filter plate filtration level  $\geq 0.1$  mm, prevents the lumen from becoming blocked by particles in the suds.

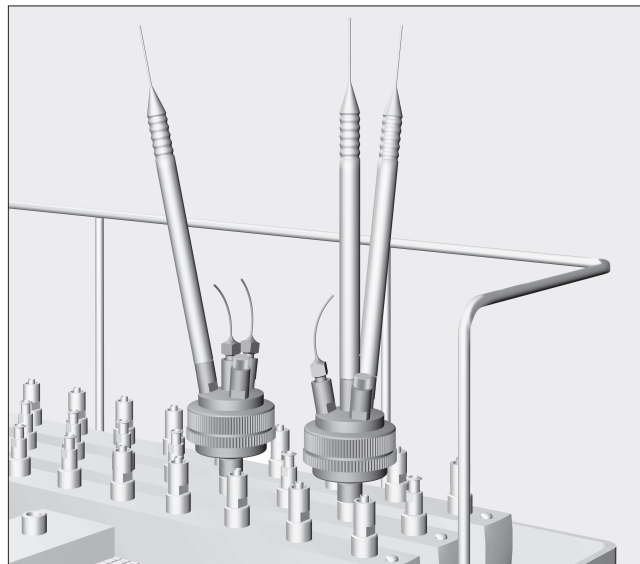
For validation purposes please make sure that you follow the loading instructions given on the template.

Cannulae and other hollow instruments should be flushed through with a water spray as soon as possible after use, preferably whilst still in the operating theatre. This will help to prevent narrow cannulae being clogged by blood or other residues, which would endanger the cleaning process.



### Processing Cannulae

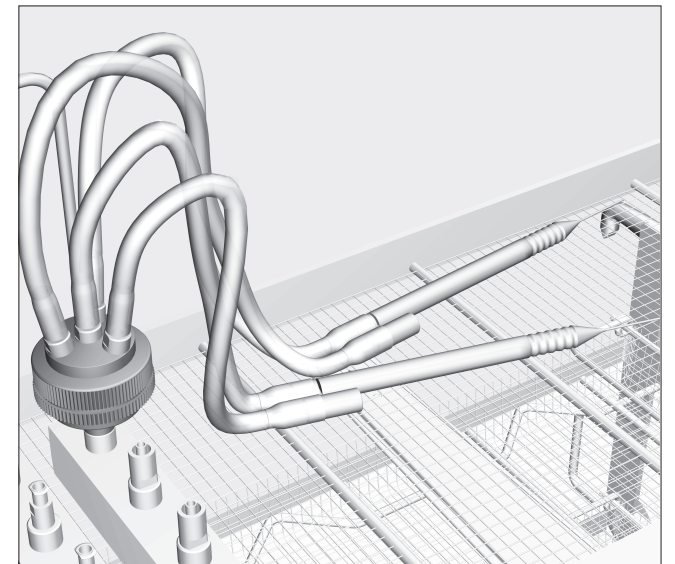
- Screw the cannulae onto the Luer lock connectors of the E 478/1.
- Use an E 531 cap on any unused connectors.



### Processing narrow lumen instruments

#### Instruments with one connection:

- Screw the instruments onto the Luer lock connectors ♂ of the E 478/1.
- Use an E 790 Luer-Lock ♀ / Luer-Lock ♀ connector between instruments with a male Luer lock connector and the Luer lock rinsing connector.
- Use an E 531 cap on any unused connectors.



### Instruments with multiple connections:

- Unscrew the Luer lock rinsing connector (SW 7 spanner), replace with E 448 silicone tube and tighten with a SW 9 spanner.
- Link each connection of the instrument, e.g. the rinsing and suction handles, with an E 448.
- Use a Luer-Lock ♀ / Luer-Lock ♀ connector between instruments with a male Luer lock connector and the E 448.

Hollow instruments must be secured to the rack of the injector unit. This is described in the operating instructions for the injector unit.

Replace any unused hose connectors with an E 362 blanking screw.

## Quality assurance testing

Any cannulae and hollow instruments that have become disconnected from the adapters during processing must be reprocessed.

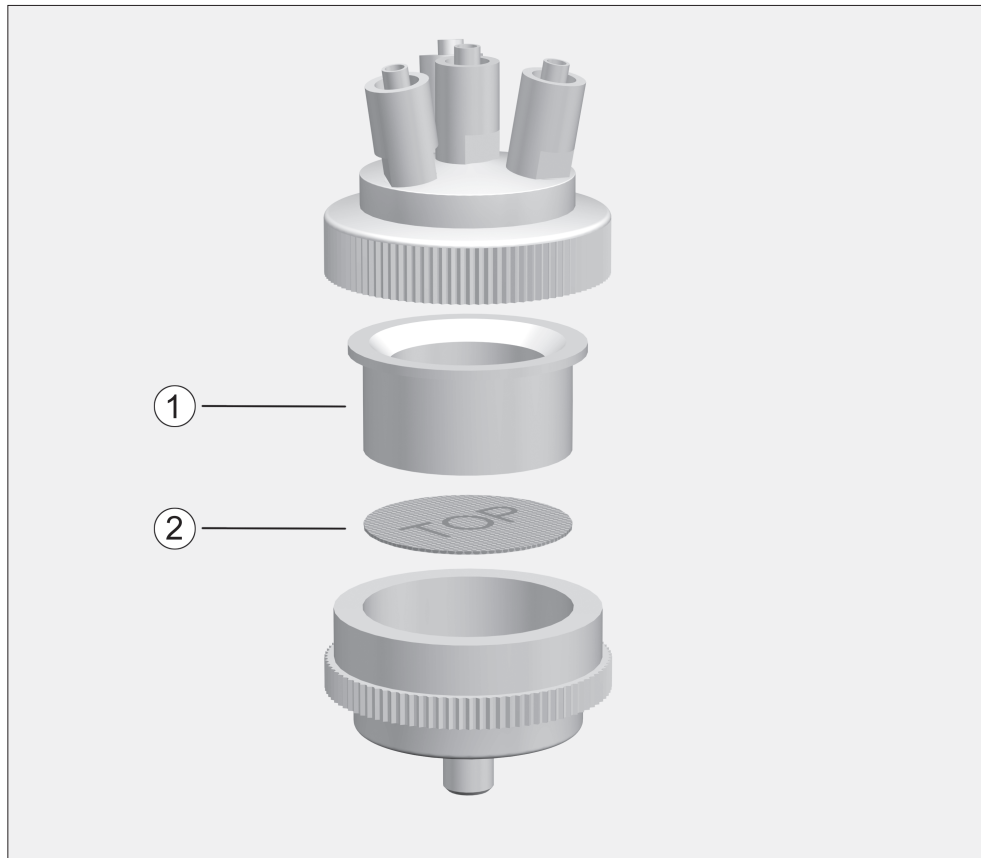
- After processing, unscrew the instruments or cannulae and expel any residual water using medical compressed air. This also tests patency.
- At the same time, the pH value of displaced water can be checked using litmus paper ( $\leq 0.5$  grade).

### If the result is negative:

- Remove the cause of any blockage manually and reprocess the instruments.

If the pH value is not neutral reprocess the instruments.

If the pH value continues not to be neutral, contact the Service Department to arrange for further analysis of the problem.



### Cleaning the stainless steel filter plate

The stainless steel filter plate must be cleaned at least once a day if the washer-disinfector is being used exclusively to process ophthalmic instruments.

The filter plate must always be cleaned before processing ophthalmic instruments if there is an increased risk of contamination, e.g. if the previous load included instruments from other disciplines.

To do this:

- Unscrew the filter adapter from the mobile injector unit.
- Unscrew the top and bottom sections of the filter adapter.
- Remove silicone adapter ① and filter plate ② from the bottom section.
- Rinse the bottom section of the adapter and filter plate ② under running water, and clean using a soft brush.

After cleaning, it is essential to check that:

- the filter plate is visually immaculately clean,
- the mesh on the filter plate is not damaged.

⚠ Under no circumstances must filter plates be used that are visibly soiled as this would not guarantee the thorough cleaning of narrow instruments. Damaged filter plates must not be used. The filtration properties are reduced, and narrow instruments can clog up. Replace a damaged or soiled filter plate with a new one.

- Place the filter plate with the word **TOP** uppermost into the bottom section of the insert. It must sit perfectly on the circular base in the bottom section of the insert.
- Replace silicone adapter ① in the bottom section, and screw the top and bottom sections of the insert back together.
- Screw the filter adapter back into the mobile injector unit.