



## Tips on Hygienic Reprocessing of BiCheck Flow Sensor

### 1. Prepare BiCheck Flow Sensor

- Loosen the BiCheck flow sensor from the patient hose system and the connection line. Disinfect the connection line to the BiCheck flow sensor with a surface disinfectant.
- Secure the BiCheck flow sensor in a box suitable for transport to the reprocessing site.

### 2. Clean and Disinfect BiCheck Flow Sensor

#### Manual Reprocessing

- Clean the BiCheck flow sensor in warm water. Do not use high water pressure and do not subject the interior of the sensor to any mechanical stress. Do not use high-pressure nozzles.

- For hygienic reprocessing, put a suitable protective cap (e.g., WM 28218) on the sensor's CO<sub>2</sub> outlet.

- Immerse the sensor in the stock solution of disinfectant so that it is completely covered. The solution should contain no air bubbles. Observe the manufacturer's prescribed exposure time exactly!

- When the exposure time has elapsed, rinse the sensor thoroughly with water. Prevent jets of water from entering the sensor opening.



Do not rinse the BiCheck flow sensor with high-pressure running water. Make sure that no water penetrates the CO<sub>2</sub> outlet.



Refer to our poster „Hygienic Reprocessing of Our Emergency Products“ for immersion disinfection materials that have tested positively in combination with our products. You can download the poster from the Download area on our Website at [www.weinmann-emergency.de](http://www.weinmann-emergency.de)

### Machine Reprocessing

- a. For hygienic reprocessing, put a suitable protective cap (e.g., WM 28218) on the sensor's CO<sub>2</sub> outlet. By preventing water from penetrating the interior of the sensor, the cap protects the fine platinum wires from damage.
- b. Place the BiCheck flow sensor in a fine mesh sieve with cover in order to protect the sensor's interior from direct jets of water at high pressure.
- c. Finally, reprocess the sensor in a thermal disinfector at a maximum of 95°C as instructed by the manufacturer. We recommend that you use a PH-neutral or mild alkaline cleaner.



### 3. Dry BiCheck Flow Sensor

Dry the BiCheck flow sensor thoroughly with a suitable drying program in the thermal disinfector.

If you want to air-dry the BiCheck flow sensor, remove the protective cap from the sensor's CO<sub>2</sub> outlet

Please make sure that the sensor is completely dry before it is used again. You may instead attach the sensor without the test bag to the MEDUMAT Transport patient hose system and trigger a few ventilator breaths to dry the sensor.



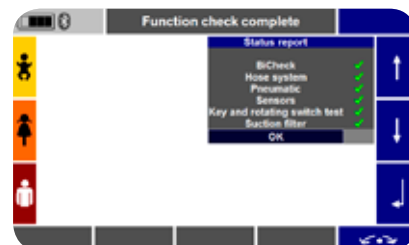
Never use compressed gas to dry the BiCheck flow sensor as the high pressure could damage the fine wires in the sensor's interior. Make sure that the sensor is completely dry before you use it again.

### 4. As needed: Sterilize BiCheck Flow Sensor

Remove the protective cap from the CO<sub>2</sub> outlet for purposes of sterilization. Place the BiCheck flow sensor in a sieve suitable for sterilization. Use EN 285-compliant devices for steam sterilization at maximum **134°C** for five minutes to a maximum of 18 minutes.

### 5. Test BiCheck Flow Sensor

To test the proper functioning of the BiCheck flow sensor, connect the sensor to MEDUMAT Transport and conduct a function check. You should make this check after every reprocessing cycle.



### 6. Document the Reprocessing

Record the frequency of the flow sensor reprocessing by means of the serial number. Reusable products are wear-and-tear parts and have only a limited service life.