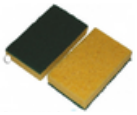
WIMO

On-site Cleaning of a WiMo Sonde

Required Tools



Double-sided sponge

Flat PVC brush

Large, hard-bristle PVC brush

Cotton swab

PVC scraper

⚠ **Before cleaning, make sure to switch off the WiMo sonde and its wiper.**

Cleaning the WiMo body

Using the large brush and the scraper, scrub the body of the sonde with plenty of water to remove any dirt (silt, algae, and shells). Use the scouring side of the sponge to complete the cleaning. Use only clear water for cleaning (sea, river or tap water).

⚠ **Thorough cleaning of the sonde body effectively delays the development of biofouling.**

1

Cleaning the sensors

Unscrew the protection cover (Photo 2). Using the brush and sponge, carefully clean the wiper and sensor bodies, without touching the sensor heads (Photo 3).

2

3

Optical Sensors (TBD – DO – Fluo)

Using the soft side of the sponge, gently clean the optical window of each sensor (Photo 4).

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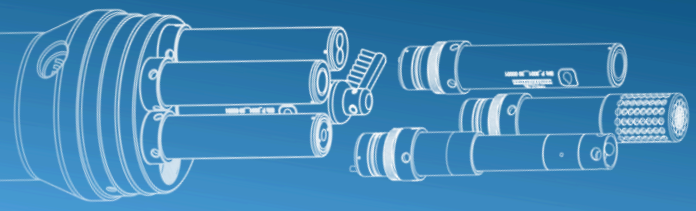
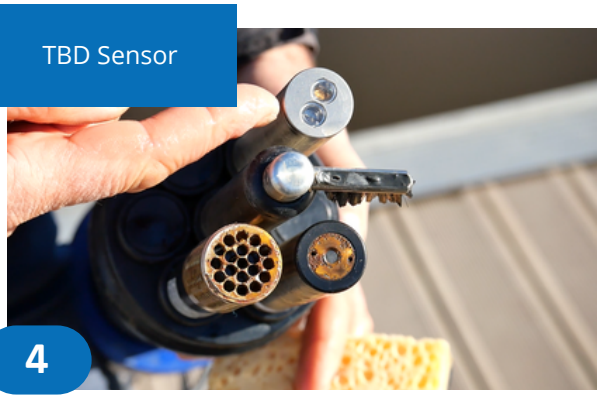


⚠ **Any damage to the optical window (scratches, punctures…) will irreversibly damage the sensor. Do not use the green side (Scotch-Brite 3M) of the sponge for this operation.**

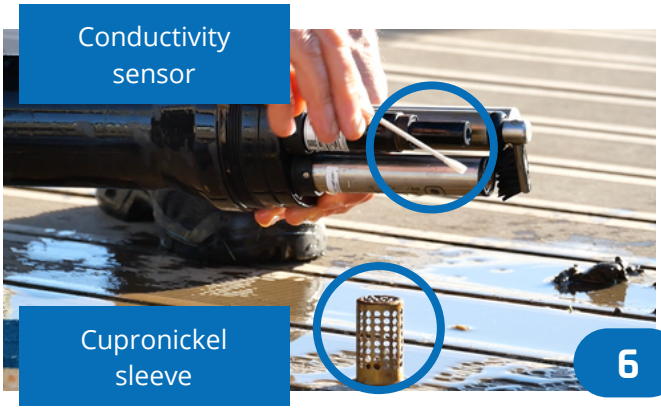
TBD Sensor



4

5

Conductivity sensor



Cupronickel sleeve

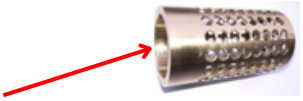
6

Conductivity sensor

Manually remove the protective cupronickel sleeve (Photo 6). Using the green side of the sponge, scrub the sleeve clean. The outside of the conductivity sensor can be cleaned using the yellow side of the sponge only. Rinse the inside of the sensor with clean water.

⚠ **Do not clean the inside of the sensor as this may damage the measuring cell. Rinse with clean water only.**

Conductivity sensor



Cupronickel sleeve

pH sensor

Caution: the glass bulb is extremely sensitive to friction. Clean only with a cotton swab soaked in clean water.

Glass bulb

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