

Base Unit - Changing the sample filter (classic version)

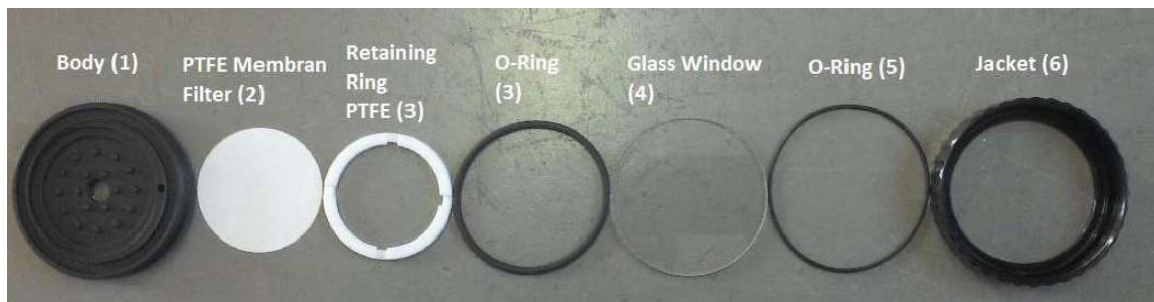
The particulate filter should be inspected regularly for signs of plugging or excess dirt. If contaminated, replace the filter following the procedure outlined below. It should be replaced at regular intervals even without obvious signs of dirt. This is because filters with a pore size between 1 and 5 µm can clog while retaining a clean look. We recommend handling the filter with gloves and tweezers.

- 1- Open the maintenance door and locate the sample particulate filter



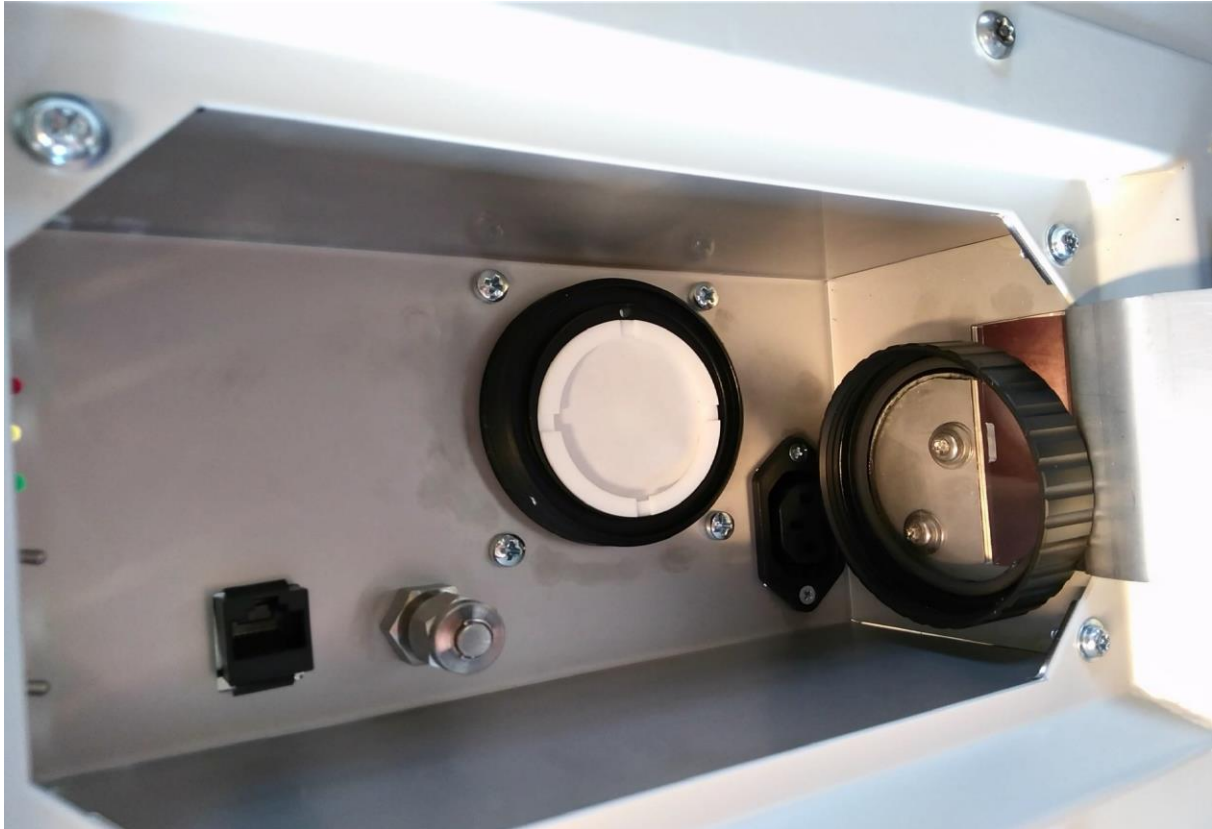
Inside the Maintenance Door of the airpointer®

- 2- Carefully open the jacket (6) with the glass window (4) which is attached by one O-Ring (5) and remove the retaining ring (3) and the filter element (2). In the side of the retaining ring is an additional O-Ring (3). The Body (1) itself stays in the airpointer. We recommend cleaning the glass window and O-Rings at least once monthly, weekly in very polluted areas.



NB. If the O-Rings are porous replace them. After cleaning the O-Rings reinstall them.

- 3- Install a new filter element, carefully centring it in the bottom of the holder.
- 4- Reinstall the PTFE O-Ring (Retaining Ring) with the notches facing up



- 5- Place the glass window, then screw on the nut and hand-tighten the assembly. Inspect the (visible) seal between the edge of the glass window and the O-Ring to assure proper gas tightness. In case of doubt, perform a leak check.