



Key Features

- Net filtration area of 130 cm²
- Simple de-contamination between samples
- Samples only touch PTFE
- Vent assures anoxic field-filtration
- Needed for (trace) metal analyses

Applications

- Irrigation research
- Water quality research
- Monitoring water quality
- Water sampling

The filter apparatus, suitable for field and laboratory, has a net filtration area of 130 cm². Only the medium to be filtered comes into contact with the chemically inert PTFE. The rest of the apparatus consist of stainless steel, which makes it easy to clean in the field. With this filter unit it is easy to free water samples from soil particles.

The filter apparatus can be connected in-line to a peristaltic pump, nitrogen powered gas-lift pump or a bladder pump. Also vacuum filtrations are possible; any vacuum pump can be used for that purpose. The device is not only suitable for 0.45-micron filters. Please note that changing membranes can be difficult under windy circumstances. If the right filter membrane is used, very aggressive liquids and gases can also be filtered.

Specification	
Fit for anaerobe in-line field filtration	Yes
Fit for silt laden water	No
Maximum applicable pressure	3000 kPa
Sample volume	700 ml
Package size	16 x 16 x 33 cm
Weight	4.07 kg

