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Pressure assisted filtration system

Analysis of biodiversity with environmental DNA

Measurement of environmental DNA (eDNA) for mapping and quantification of biodiversity in water is increasingly being used.

Pressure assisted filtration (PAT 178664) makes it easy to concentrate DNA from large water samples from fresh- and marine water (up to 2L).

The pressure assisted filtration system is easily kept clean since all equipment parts (kit B) that are in contact with the water sample are one time use only and all disposable. After filtration the filtrated volume is easily measured in the included exterior canister.

The pressure assisted filtration system is used in combination with eDNA sampling kit B.

SPECIFICATION

- Robust for use in the field, car or lab
- No risk of cross contamination
- No need for cleaning
- Portable
- Compressor for use in the field, car or lab (optional).
- Guidance document provided
- Safety valve avoids pressure-damages to the filter