



## Key Features

- No cross contamination: exchangeable tubing
- Pumps air as well as water
- Monitoring well installation and water quality
- Pressure allows perfect on-site 0.45-micron filtration

## Applications

- Monitoring well installation
- Infiltration research
- Water quality research
- Monitoring water quality
- Anaerobe sampling
- Water sampling
- Ground water sampling

The hand-operated peristaltic pump is a very reliable apparatus that is used for pumping of gasses and fluids. This pump is a simple, but very durable, peristaltic pump with three pressure rollers. The bearings of the drive shaft and the pressure rollers are water resistant.

The pump can deliver a pump pressure of 3 bar, which makes it suitable for use with in-line filters, and an under-pressure maximum of 1 bar. It is a self-priming pump. Even when the pump is out of use, the pump tube is completely pressed by at least one roller. Fluid and gas cannot flow back.

Using the hand-operated peristaltic pump, water can be pumped from a depth of up to 9.5 metres. A 6 x 10 millimetres silicon tube is most suitable for groundwater sampling which is often used with 6 x 8 millimetres per tube.

The hand-operated peristaltic pump is fitted with a handle with bearings that operates very light. The stainless-steel monopod stand has been fitted with a press-down rim that allows you to press the stand into the soil easily for support. Please note that the hand-operated peristaltic pump is not suitable for purging.

## Specification

|                          |         |
|--------------------------|---------|
| Fit for silt laden water | Yes     |
| Maximum pumping capacity | 1 l/min |
| Maximum sample depth     | 9 m     |
| Power supply             | Manual  |
| Sample diameter          | 4 mm    |
| Weight                   | 2 kg    |

