



Equipamentos para: Solo – Cimento – Concreto – Betume – Agregados – Metalografia – Areia de Fundação – Refratários
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Ground water sampling

Mistakes are easily made during ground water sampling, especially if the equipment is not used in the proper way or when it is not appropriate for a specific application.

Peristaltic pump.

The peristaltic pump is a very reliable sampling device for liquids and gases and can be used under a wide variety of field conditions. In a peristaltic pump the pumped-up liquid or gas enters only in contact with the inside of a small silicon rubber tube. Crosscontamination can be prevented by changing the tube before initiating a new sampling session.

Applications:

- Anaerobic sampling
- Biological sampling (can be sterilized)
- Water well development
- Cleaning of monitoring well pipes
- In-line filtration
- Open water sampling
- Tank sampling
- Level pipe sampling
- Chemical investigation
- Sampling volatile matters
- Metal detection sampling

Characteristics:

Pump capacity: 2,4 L/min

Maximum sampling depth: 9 meter at sea level

Battery: built-in 12V battery (4,5 hours)

Other: Big sample volume

Only contact with silicon tube

One-way tubes

Weight: 9 kg

Level sensor

The level sensor for the peristaltic pump can be used in monitoring well pipes for sampling and in every other situation in which a fluid has to be pumped up to a certain height. The sensor makes sure level pipes are not pumped dry, thus increasing the pump's lifetime.

Flow-through cell

The flow-through cell is meant to improve the ease and precision of in-line measurements of pH, EC, T, O₂, etc. The flow-through cell consists of a transparent chamber through which water continuously flows from the bottom upwards. The electrodes do their measurements in water that has not yet been in contact with the open air. In the flow-through cell various electrodes can be placed.

Field meters

Eijkelpkamp has a wide variety of (multi-)meters and accessories in the salesprogram. These CE tested instruments have been developed especially for analytical measuring under the demanding field conditions or in a laboratory environment.