

Liquiport 2000

Portable Water Sampler for water / wastewater treatment plants

The Liquiport 2000 automatic Water Sampler from Endress+Hauser provides an ideal solution where multiple sites require periodic monitoring.

Its modular construction enables easy transportation from site to site and is suitable for all local authority and industrial wastewater treatment plants, as well as public water authorities.

The Liquiport 2000 can be programmed to take samples in a variety of modes:

Time proportional: a constant sample volume is taken at constant time intervals

Quantity proportional: a constant sample volume is taken at variable time spans

Flow proportional: variable sample volumes are taken at constant time intervals

Samples are stored in bottles using a rotating distribution system. The system accommodates up to 24 x 1 litre or 12 x 2 litre containers (or a mixture of both).

Suction and dosing of the sample is done via a peristaltic pump and the system ensures volume accuracy by recognising the difference between a filled and empty hose. Suction height is automatically recognised and the Ceramic membrane ensures maintenance-free operation.

The Liquiport 2000 is battery powered (rechargeable with a capacity of 94 hours on a 15 minute sample interval, a sample volume of 100ml and 4m suction height).

Liquiport 2000 is easily set up using the E+H ReadWin operating software. Its RS232 interface enables set up, data transfer and internal data logger readout.

An illuminated LCD display and interactive menu / pushbuttons allows local operation.

In combination with the Endress+Hauser C600R Multi Parameter Sensor ([details this page](#)) the Liquiport 2000 becomes much more than just a portable water sampler - it turns into a complete system solution for modern environmental monitoring.



*Liquiport 2000.
Inset: Ex version
for Zones 1 and 2
hazardous areas*

More information?

Circle Enquiry No: 0904
Contact: Mark Armstrong

Applications / Features

Waste water treatment plants:

- Process monitoring of liquids
- Monitoring indirect dischargers
- Sewer monitoring

Water authorities:

- Public water protection
- Discharger monitoring
- Labs and hydrological institutes

Features and benefits

- mobile and battery powered
- robust PE housing
- innovative new dosing system
- powerless Zeolith sample cooling
- menu operation with 'Quick-Setup'
- easy cleaning
- RS232 interface for set up, data transfer and data logger readout

MultiSens

C600R Multi Parameter Sensor

The new and versatile MultiSens C600R from Endress+Hauser is a multi parameter immersion sensor for Conductivity, Temperature, Oxygen, pH and Redox Measurement.

The MultiSens C600R Sensor is an ideal option for operation with the Liquiport 2000 Water Sampler as it enables a number of different parameters to be simultaneously measured online.

Applications

- River monitoring
- Lake monitoring
- Monitoring of fish farming
- Drinking water and groundwater monitoring
- Industrial monitoring
- Monitoring of wastewater treatment plants

Your benefits

- Simultaneous monitoring of up to 6 parameters
- Measurement in fresh water as well as in salt water, brackish water or sewage water
- Measurement up to a depth of 60 metres
- 2 selectable measuring units for oxygen measurement (mg/l; % Sat)
- Internal data logger



Unique

Memosens

digital pH sensors - a new era in pH measurement



With the Memosens digital pH electrode Endress+Hauser have opened a new era in pH measurement with the first:

- Digital pH measurement
- Integrated memory in the electrode for storage of calibration data
- Contact free sensor connection by inductive coupling
- Error message if electrode disconnected
- Auto sensor recognition

It is now possible to pre-calibrate pH sensors and have them ready for installation when required.

Memosens can be changed in a matter of

seconds with minimum down time and calibration data is automatically transferred to the transmitter and used to calculate the current pH value.

A key feature of Memosens is the non-contact inductive electrical connection between electrode and cable that eliminates measurement errors caused by contamination and moisture in traditional systems.

The bayonet coupling and inductive connection system means that replacing a sensor in wet or dirty conditions is no longer an issue.



More information?

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