

Water Quality Data Logger



The **WTW Data Logger** is a robust, reliable logger for automatic long term, continuous pH/ORP and conductivity surface and groundwater monitoring.

Accurate monitoring even in the most challenging and difficult to access locations

Advantages

- Reliable data logging of pH, Redox or Conductivity
- Automatic measurement over long periods of time
- Large memory with a capacity of up to 600,000 data sets
- Suitable for boreholes and pipes with a 25mm diameter
- Simply and easy to use
- Easy connection to a PC via a mini USB connector cable
- Robust, stainless steel design
- Meets GLP requirements
- Long battery life with 3.6 V lithium battery
- Easy operation and configuration with results displayed as a table or graphics
- Data can be exported into Excel or CSV format
- Supplied in a convenient, hard case with all required accessories.

Specifications

Model	WQL-pH/ORP	WQL-Cond	
Measuring range / resolution:		[μS/cm]	0.0 -199.9 (200 - 1999)
		[mS/cm]	2.00 - 19.99 (20 - 19.99; 200 -1000)
pH	0.000 - 20.,000	SAL	0.0 - 70.0
mV	-1000.0 - +1000.0	TDS [g/l]	0 - 200
Temp. [°C]	-5.0 - +105.0 (23.0 - 221.0 °F)	Temp [°C]	-5.0 - +105.0 (23.0 - 221.0 °F)
Accuracy (± digit)			
pH	≤ 0.005	Conductivity	± 0.5% of the measured value
mV	≤ 0.2		
Temp. [°C]	≤ 0.1	Temp.	± 0.1
Calibration			
AutoCal	1-/2-/3 point	—	
AutoCal-Tec	1-/2-/3 point		
ConCal®	1-/2-/3 point		
Reference temperature	—	Selectable 20 °C or 25 °C (68/77 °F)	
Cell constant	—	0.475/cm ±1.5%	
Temperature compensation	—	Automatic/can be switched off	
Temperature coefficient	—	None, linear, nonlinear (nLF) according to EN 27888 (default)	
Sets consist of case, appropriate data logger, electrode(s) & accessories			