



## Multiparameter sonde for basic water quality spot measurements

- **Product type**  
Attended
- **Parameters measured**  
Temperature, Conductivity, Depth, pH, Oxygen Reduction Potential (ORP), Dissolved Oxygen (Clark Cell), Turbidity
- **Product highlights**  
The Hydrolab sonde for basic spot measurements
- **Interface**  
SDI-12

For basic water quality spot measurements (temperature, conductivity, dissolved oxygen, pH, depth and turbidity), the Hydrolab Quanta multiparameter water quality sonde offers Hydrolab sensor technology in a complete, cost-optimized system package that includes an easy-to-use handheld display. The Hydrolab Quanta can also be connected to an external data logger via an SDI-12 connection for long-term unattended monitoring.

Temperature	
Range	-5 ... 50 °C
Accuracy	± 0.15 °C
Resolution	0.01 °C

Dissolved Oxygen	
Range	0 ... 50 mg/L

# Technical Data

Hydrolab Quanta Multi-Probe Meter

Accuracy	$\pm 0.2 \text{ mg/L} \leq 20 \text{ mg/L}$ $\pm 0.6 \text{ mg/L} > 20 \text{ mg/L}$
Resolution	0.01 mg/L

Specific Conductance	
Range	0 ... 100 mS/cm (autoranged)
Accuracy	1% of reading $\pm 0.01 \text{ PSS}$
Resolution	4 digits

pH	
Range	0 ... 14 units
Accuracy	$\pm 0.2 \text{ units}$
Resolution	0.01 units

ORP	
Range	-999 ... 999 mV
Accuracy	$\pm 20 \text{ mV}$
Resolution	1 mV

4-Beam Turbidity	
Range	0 ... 1000 NTU
Accuracy	$\pm 5\%$ of reading $\pm 1 \text{ NTU}$
Resolution	0.1 NTU (<100) 1 NTU ( $\geq 100$ )

Depth 0-25 m	
Range	0 ... 25 m
Accuracy	$\pm 0.1 \text{ m}$
Resolution	0.1 m

Depth 0-100 m	
Range	0 ... 100 m
Accuracy	$\pm 0.3 \text{ m}$
Resolution	0.1 m

Vented Level 0-10 m	
Range	0 ... 10 m
Accuracy	$\pm 0.003 \text{ m}$
Resolution	0.001 m
Salinity	
Range	0 ... 70 PSS
Accuracy	$\pm 1\%$ of reading $\pm 0.01 \text{ PSS}$

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We reserve the right to make technical changes and improvements without notice. V-30/11/2018  
OTT Hydromet GmbH, Germany

# Technical Data

Hydrolab Quanta Multi-Probe Meter

Resolution	0.01 PSS
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Quanta Transmitter	
Diameter	7.6 cm (3 in)
Length	22.9 cm (9 in)
Weight	1.3 kg (3 lbs)

Quanta Display	
Screen Size	8.9 cm (3.5 in diagonal)
Weight (with batteries)	0.95 kg (2.1 lbs)
Memory	200 data frames (1 frame can store all parameter values) NEMA 6 rated (waterproof) Low battery indicator
Operating temperature	-5 ... 50 °C
Batteries	3 "C" size batteries
Battery life	15 h