

In-Situ TROLL® 9500

pH/mV/Cond/DO/Turbidim/Temp/Pressure

The TROLL® 9500 is a powerful, portable unit that houses several water quality sensors, has internal power, data logging capabilities, and fits down a 2" well for vertical profiling. Rental units measure pH, ORP, conductivity, dissolved oxygen, turbidity, level and temperature. Uses unique low flow sampling software to automate data collection, visually monitor stabilization parameters and ensure repeatability between sampling events. Unit can be used as a portable unit or for extended monitoring.

Specifications

Dissolved Oxygen

Range: 0.00 to 20.00 mg/L
 Accuracy: ± 0.2 mg/L
 Response Time: 90 seconds – 3 minutes

Temperature

Range: -5.0 to 50.0 °C
 Accuracy: ± 0.1 °C
 Response Time: <30 seconds

Temperature

Range: -5.0 to 50.0 °C
 Accuracy: ± 0.1 °C
 Response Time: <30 seconds

Conductivity Low Range Sensor

Range: 5-20,000 $\mu\text{S}/\text{cm}$
 Accuracy: $\pm 0.5\%$ or 2 $\mu\text{S}/\text{cm}$
 Response Time: Instantaneous



pH

Range: 0-12 pH units
 Accuracy: ± 0.1 pH units
 Response Time: <15 seconds

ORP

Range: ± 1400 mV
 Accuracy: ± 4.0 mV
 Response Time: <15 seconds

Barometric Pressure

Range: 7 – 16.5 psi
 Accuracy: $\pm 0.3\%$ FS
 Response Time: <30 seconds per 100 ft of cable

Level

Range: 0 – 100 PSI
 Depth Rating: 0- 70 Meters
 Accuracy: $\pm 0.05\%$ FS

Turbidity

Range: 0- 2000 NTU
 Accuracy: $\pm 5\%$ or 2 NTU
 Response Time: Instantaneous

In-Situ TROLL® 9500

pH/mV/Cond/DO/Turbidim/Temp/Pressure

Applications

- Environmental monitoring
- Estuary evaluations
- Long-term deployments
- Low-flow sampling
- Mine water quality analysis
- Remediation projects
- Spot checking
- Stormwater outfall studies
- Surface water testing
- TMDL assessments
- Vertical profiling

Accessories

- Calibration standards and buffers (inc. quick Calibration Solution)
- Nitrile Gloves
- Kim Wipes

*High Range Conductivity Sensor Available on Request.
Rent meter on its own or rent as a Low Flow Kit. *