



In-Situ

In-Situ Aqua TROLL 200 Data Logger

Pine Item #55306

DESCRIPTION:

The Aqua TROLL 200 Data Logger measures and records water level, pressure, conductivity, and temperature. A unique conductivity cell design allows for a wide, accurate measurement range in a narrow diameter instrument. Titanium construction resists corrosion, ideal for coastal, remediation, and mine water monitoring projects.

Available in pressure ranges up to 1153 ft (351 m) for vented configurations and 1120 ft (341 m) for non-vented configurations. Get easy data access via telemetry or direct-read Rugged Cable (sold separately).

FEATURES:

- Vented (gauged) or non-vented (absolute) pressure measurement
- Sub-1 inch diameter (.72 in; 1.83 cm)
- All titanium electrodes and housing
- Full range conductivity with optimum accuracy 5 to 100000 $\mu\text{S}/\text{cm}$
- Dynamic density compensation for accurate pressure measurements
- Flexible communication protocols (4-20 mA SDI-12 RS-485)
- NIST calibration report for guaranteed accuracy
- Rugged Twist-lock cable (sold separately)

Contact a Pine branch near you to request a quote or place an order

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www.pine-environmental.com

Canada

www.pine-environmental.ca

Product Specifications

Dimensions	12.4 x 0.72 in
Weight	1 lbs
Protocols	4-20 mA Modbus/RS485 SDI-12
Memory	4.0 MB
Logging Modes	Event Linear Linear Average
Battery Type	3.6 V lithium
Diameter	1.83 cm (0.72 in.) OD
Warranty	2 Year
Conductivity Sensor Range	5 to 100000 μ S/cm
Conductivity Sensor Accuracy	\pm 0.5% + 1 μ S/cm
Battery Life	5 years
Level/Depth/Pressure Sensor Accuracy @ 15° C	\pm 0.05% Full Scale
Level/Depth/Pressure Sensor Range	100 psia: 60 m (197 ft) 100 psig: 70 m (231 ft) 15 psig: 11 m (35 ft) 30 psia: 11 m (35 ft) 30 psig: 21 m (69 ft) 300 psia (200 m (658 ft)



Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan