AQUA TROLL 100 DATA LOGGER

SKU: INS-AQT-100

Measure and record temperature and conductivity with the Aqua TROLL 100. See live readings in the Blueye App and export dive logs with insightful plots of the parameters.

Supplier: In-Situ



TECHNICAL SPECIFICATIONS

Compatibility

Compatible ROV models	X3, X3 Ultra, X7

Physical details probe

Length	315 mm / 12.4 in
Diameter	183 mm / 0.72 in
Weight	188 g / 0.41 lb
Depth rating	340 m / 1,153 ft
Operating temperature	-5°C (23°F) to 50°C (122°F)
Material	Titanium body and sensors, Delrin® nose cone, and PVC conductivity cell
Supported parameters	Temperature Conductivity
Reading rate	New readings every second

Temperature sensor

Method	EPA Method 170.1
Accuracy & Resolution	Accuracy: ±0.1° C. Resolution: 0.01° C or better
Units of measure	Celsius or Fahrenheit
Warranty	2 years. Up to 5-year (total) extended warranties available.

Conductivity sensor

Type	Balanced 4-electrode cell
Methods	EPA Method 120.1; Standard Methods 2510
Range	0 to 100,000 µS/cm
Accuracy	± 0.5% of reading + 1 µS/cm when reading less than 80,000 µS/cm ± 1.0% of reading when reading above 80,000 µS/cm
Resolution	0.1 µS/cm
Parameters supported	Actual conductivity Specific conductivity Salinity Total dissolved solids Resistivity Density (water salinity)