

AQUA TROLL 500

MULTIPARAMETER SONDE

SKU: INS-AQT-500

Discover the Aqua TROLL 500 – a versatile five-port multiparameter sonde. With four interchangeable sensors, this customizable device provides live readings of multiple parameters through our app. The dive log offers insightful plots of all the parameters.



Supplier: In-Situ

TECHNICAL SPECIFICATIONS

Physical details probe

Length	460 mm / 18.145 in
Diameter	47 mm / 1.860 in
Weight	978 g / 2.15 lbs
Depth rating	100 m / 328 ft
Operating temperature	-5°C (23°F) to 50°C (122°F)

Physical details skid

Length	500 mm / 19.69 in
Width	110 mm / 4.33 in
Height	145 mm / 5.71 in
Weight	900 g / 1.98 lbs
Material	POM

Sensors

Supported sensors	Temperature Conductivity Ammonium Chloride Chlorophyll a Crude Oil FDOM
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Fluorescein WT
 Nitrate
 pH/ORP
 Phycocyanin
 Phycoerythrin
 Dissolved Oxygen
 Rhodamine WT
 Turbidity

Max nr. of sensors 4

Reading rate New readings every 5 seconds

Storage temperatures

Components w/o fluids -40°C (-40°F) to 65°C (149°F)

pH/ORP sensor -5°C (-23°F) to 65°C (149°F)

Chloride sensor 0°C (32°F) to 50°C (122°F)

Ammonium/Nitrate sensor 0°C (32°F) to 40°C (104°F)

Communication & Power

Communication RS-485/Modbus, SDI-12, Bluetooth

Input Voltage 8 to 36 V DC

Current draw Typical: 16 mA, Max: 45 mA

Technical

Resolution and Accuracy Refer to Aqua TROLL 500 Spec Sheet

Certifications CE, FCC, WEEE, RoHS Compliant
