

# 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

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

#### Physical details skid

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

#### Sensors

**Supported sensors** Temperature  
 Conductivity  
 Ammonium  
 Chloride  
 Chlorophyll a  
 Crude Oil  
 FDOM

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

---