



Switching to Aqua TROLL

Guide

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Break Up with Complexity

Aqua TROLL sondes are designed to make water quality monitoring simple. With intuitive software, flexible communication options, and field-serviceable components, you can deploy quickly and confidently. This guide highlights the basics to help you get started.

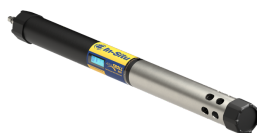
1. Choosing Your Sonde



Aqua TROLL 500

5-port sonde
4 sensors + wiper

Up to 100 m (325 ft)
deployment depth



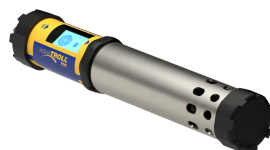
Aqua TROLL 600

5-port sonde
4 sensors + wiper

Up to 200 m (650 ft)
deployment depth

Internal logging

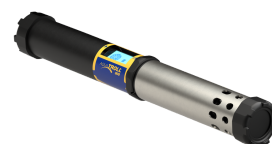
Internally powered



Aqua TROLL 700

7-port sonde
6 sensors + wiper

Up to 250 m (820 ft)
deployment depth



Aqua TROLL 800

7-port sonde
6 sensors + wiper

Up to 250 m (820 ft)
deployment depth

Internal logging

Internally powered

- Integrated Bluetooth for simplified user experience with free mobile app, VuSitu
- Built-in error prevention
- Wide range of parameters available
- A built-in mini calibration cup and batch calibration capability help save time and money
- Flexible output options include Modbus/RS-485, SDI-12, and Bluetooth - No adapters are required
- Interlocking, interchangeable sensors
- Optional wiper is protected with an integrated slip clutch
- Vented or non-vented pressure sensor
- Universal Twist-Lock cable connects all sondes and communication devices in the ecosystem

2. What You Do and Don't Need

Aqua TROLL multiparameter sondes are designed to minimize extra equipment and simplify field setup.

What You Need:

- ✓ Aqua TROLL Sonde + Sensors
- ✓ VuLink or TROLL Com Plus (Optional)
- ✓ Twist-Lock Cable
- ✓ VuSitu Mobile App



What You Don't Need:

- ✗ **A separate calibration container**
Aqua TROLL sondes include a built-in mini calibration cup.
- ✗ **A dedicated handheld device**
The VuSitu mobile app works on standard smartphones and tablets.
- ✗ **Adapters for telemetry or data loggers**
Aqua TROLL supports Modbus RS485 and SDI-12 natively.
- ✗ **A whole new monitoring system**
Aqua TROLL integrates seamlessly with your existing systems for deployment, monitoring and telemetry.



You don't need to send your sonde in to be serviced when you want to replace sensors, o-rings, and wiper brushes. These components can all be replaced in the field, and nearly every component can be serviced in the factory if needed.

3. Preparing for the Field

Preparing for deployment is simple with the VuSitu app there to guide you through the process.

Connect and Configure the Instrument

Use the VuSitu Mobile App to connect to your Aqua TROLL sonde via Bluetooth and follow the guided setup.

Calibrate

1. Unscrew the end cap
2. Flip the titanium restrictor
3. Follow the calibration instructions with VuSitu's calibration assistant
4. Flip the titanium restrictor back and deploy

Setup and Deploy

In the VuSitu mobile app, you can review your logging and upload settings and confirm data is being collected and transmitted correctly.

Manage the Data

You can export files directly from the VuSitu mobile app, or automatically upload data to your HydroVu account to access, manage, and visualize your data from any device.



Additional Resources

Need more help getting started?

- ✓ **Sales Support** for configuration guidance
- ✓ **Technical Support** for setup and troubleshooting
- ✓ **Instrument Manuals** for detailed documentation
- ✓ **How-To Videos** for step-by-step tutorials
- ✓ **In-Situ Care** for long-term service plans



Contact Sales



Technical Support



Documentation



Explore Our Sondes