



Aqua TROLL 500/600 FDOM Sensor Overview

The In-Situ FDOM sensor measures FDOM (Fluorescent Dissolved Organic Matter) levels in natural water, surface water, groundwater, produced water and aquaculture applications.

Getting Started

1 Install sensor.



Rinse sensor with clean water before use.



Remove restrictor from the instrument.



Remove sensor port plug if installed.



Lubricate o-ring at bottom of sensor.



Install sensor.



Place restrictor on instrument in calibration mode.

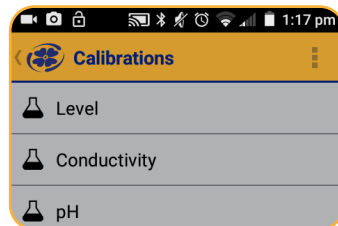


Do not look directly at the sensor LED or point it at the eyes. Doing so can cause eye damage from UV light emitted by the LED.

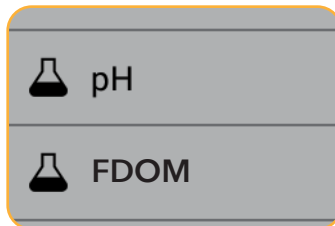
2 Calibrate and deploy.



Connect to the instrument with the VuSitu mobile app.



Select Calibrations from the menu.



Choose the FDOM option and follow the instructions.

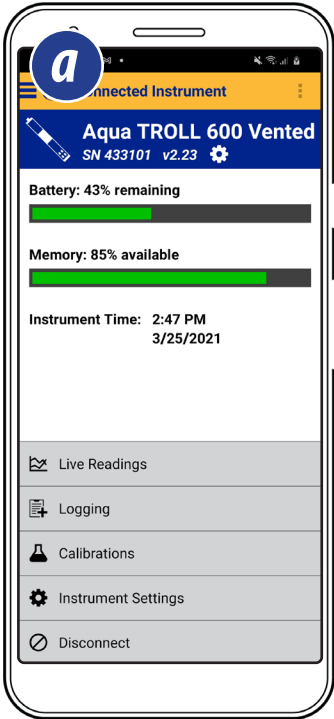


Make sure the restrictor is in deployment mode before use.

Using Derived Parameters



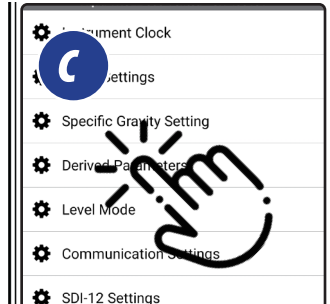
VuSitu can estimate the value of some water quality parameters based on the value of others. A coefficient or scale factor is required.



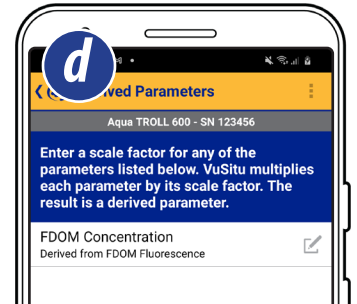
Connect to the instrument with VuSitu.



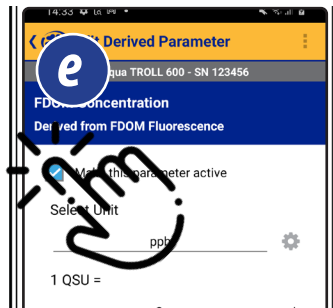
Go to **Instrument Settings**.



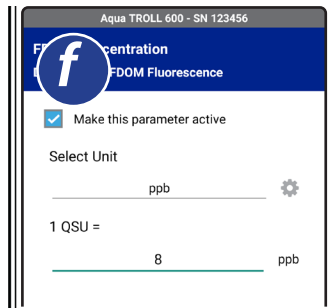
Tap **Derived Parameters**.



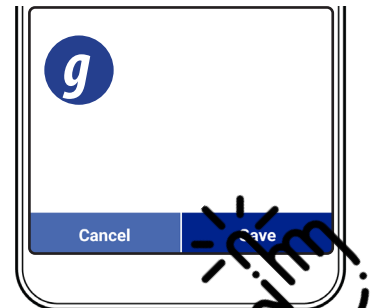
Choose a derived parameter. Options vary by installed sensors.



Tap the checkbox next to **Make this parameter active**.



Choose a unit and enter a scale factor.



Tap **Save**.