



Crude Oil Sensor



Aqua TROLL 500/600/700/800 Crude Oil Sensor

The In-Situ crude oil sensor measures crude oil levels in natural water, surface water, groundwater, produced water and aquaculture applications.



The crude oil sensor detects dissolved oil in water. It's not intended for use in pure crude oil, which can destroy the sensor and instrument. If the probe or sensor comes into contact with crude oil, clean it immediately with dish soap and water.

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.



Install restrictor 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.

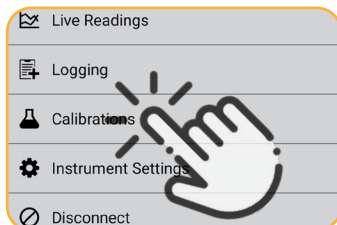
2 Calibrate and deploy.



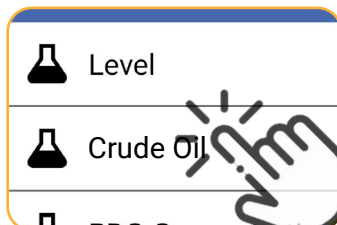
For best results, use the same sonde to calibrate and deploy the crude oil sensor. See the instrument manual for complete calibration details.



Connect to the instrument with the VuSitu mobile app.



Select Calibrations from the menu.



Choose the Crude Oil option and follow the instructions.

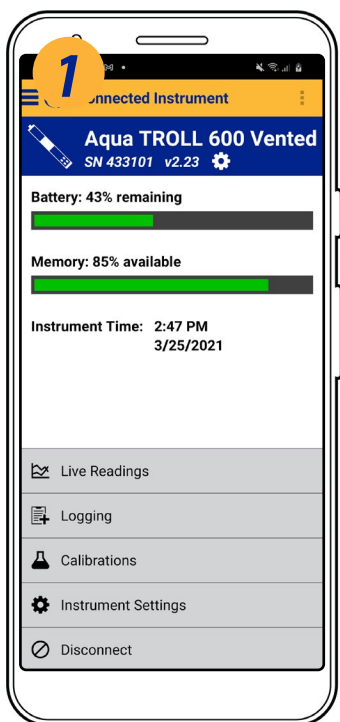


Make sure the restrictor is in deployment mode before use.

Using Derived Parameters



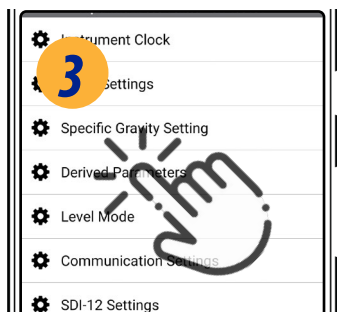
VuSitu can estimate the value of some water quality parameters based on the value of others. A coefficient or scale factor is required.



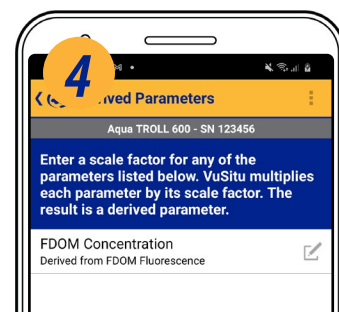
Connect to the instrument with VuSitu.



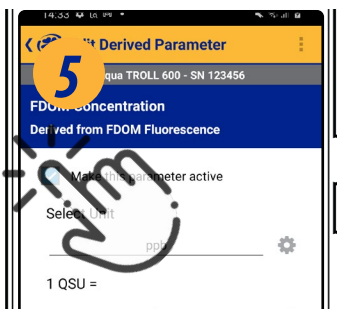
Go to **Instrument Settings**.



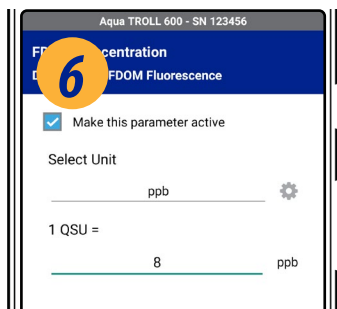
Tap **Derived Parameters**.



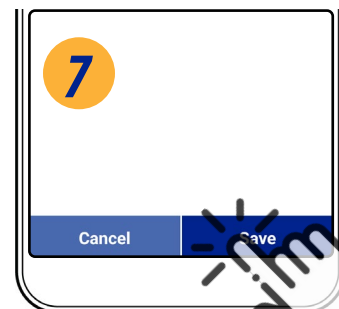
Choose a derived parameter. Options vary by installed sensors.



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



Choose a unit and enter a scale factor.



Tap **Save**.