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Scuba Trimeter

18.10.01



The Scuba Trimeter is the smallest instrument in the range. It has all the Scuba features, including top-grade sensors and user-friendly software, but packed in an attractively priced instrument.

- Can hold three sensors
- Automatic recording of internal calibration data and sensor health indication
- Top-grade sensors and user friendly software
- Long sensor lifetime
- 3 years warranty on probe and sensors
- Refillable reference sensor

Description

Measure up to three parameters with the Scuba Trimeter. This small but functional instrument, with a diameter of 2 inches, can hold any one sensor in addition to the default temperature and depth sensors. You can choose to measure parameters such as turbidity, dissolved oxygen (DO) or electric conductivity (EC). Exceptions include the Photosynthetic Active Radiation (PAR), CO₂ and Transmissometer sensors.

An example 3-parameter configuration could be turbidity, temperature and depth. Another example could be dissolved oxygen (DO) and temperature or pH, conductivity and temperature. Optional anti-fouling copper gauze is also available.

You can connect the Scuba Trimeter to any of our field wireless display options for sampling in the field, or add a battery pack or solar panel for autonomous deployments. Connect to a telemetry station via the GDT Prime Plus or GDT-M modems to view your real-time data in the cloud.

The probe is offered as complete package, so you are provided with everything you need to start testing water. It's a full set with cables, software, and electronic manual.

Available variations

Every Scuba is customizable, but there are several standard versions:

- **18.10.01 Scuba Trimeter EC T**
Measures electrical conductivity and temperature
- **18.10.02 Scuba Trimeter EC pH T**
Measures electrical conductivity, pH and temperature
- **18.10.03 Scuba Trimeter pH T**
Measures pH and temperature
- **18.10.04 Scuba Trimeter DO T**
Measures dissolved oxygen and temperature
- **18.10.05 Scuba Trimeter turbidity**
Measures water turbidity
- **18.10.06 Scuba Trimeter fluorometric**
Measure with one medium fluorometric sensor to be added and temperature

Please note in your quote request what you need from your probe, so our specialists can help find the best solution for you.

Specifications

Scuba Trimeter	
Diameter	2 in 50 mm
Length/ weight without battery pack	13.5 in / 2.20 lb 343 mm / 998 g
Length/ weight with battery pack	22 in / 2.80 lb 559 mm / 1270 g
Number of sensors	3 in total: Any single sensor, plus depth and temperature option
Battery pack	3 D
Operating temperature	-58 to 122°F -50 to 50 °C
Depth rating	656 ft, max depth for ISE and TDG sensors is 50 feet
Communications	RS-232, SDI-12, or Modbus
Connection to mobile devices	USB or Bluetooth
Sample rate	1 Hz

Data memory

1,000,000 logged readings

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