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Scuba 90

18.11.09



The water quality probe Scuba 90 has a diameter of 3.54 inches and that extra space allows it to accommodate up to 11 different sensors. This makes the Scuba 90 an extremely versatile instrument, suitable for a wide variety of water quality monitoring applications.

- Two different models, with additional customisation options
- Top-grade sensors and user friendly software
- Central cleaning system
- Long sensor lifetime
- 3 years warranty on probe and sensors
- Refillable reference sensor

Description

The Scuba 90 is an advanced, portable multiparameter water monitoring probe designed for long term deployment. It contains a central cleaning system to keep the fitted sensors clean and reduce the effects of bio-fouling common in extended deployments.

The Scuba 90 is available in two configurations, the 90A and 90B. Both models come with a standard range of sensors including temperature, pH, electrical conductivity (EC), turbidity, and dissolved oxygen (DO). ORP and depth sensors are optional. It also offers more customization options to add extra sensors to the probe.

- The Scuba 90A model can accommodate 2 fluorimeters, plus 2 ISE sensors
- The Scuba 90B can accommodate 3 fluorimeters

The Scuba 90 features our long-lasting (5+ years) optical DO sensor replaceable cap, and refillable reference sensor. 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.

Connect the Scuba 90 to any of our 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.

Available variations

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

- **18.11.09 Scuba 90A multiprobe package**
Measures electrical conductivity, pH, DO, turbidity and temperature. Optional sensors for depth, ORP, 2 small (ISE) and 2 medium (fluorometric).
- **18.11.10 Scuba 90A with internal 6 C battery pack**
Measures electrical conductivity, pH, DO, turbidity and temperature. Optional sensors for depth, ORP, 2 small (ISE) and 2 medium (fluorometric).
- **18.11.11 Scuba 90B multiprobe package**
Measures electrical conductivity, pH, DO, turbidity and temperature. Optional sensors for depth, ORP, 3 medium (fluorometric).
- **18.11.12 Scuba 90B with internal 6 C battery pack**
Measures electrical conductivity, pH, DO, turbidity and temperature. Optional sensors for depth, ORP, 3 medium (fluorometric).

Please note in your quote request what you need from your probe, so our specialists can help you put together the instrument that’s the best solution for you.

Specifications

Scuba 90	
Diameter	3.54 in 90 mm
Length/ weight without battery pack	19 in / 5 lb 483 mm / 2268 g
Length/ weight with battery pack	19 in / 9 lb 483 mm / 4082 g
Number of sensors	Up to 11
Battery pack	6 C
Operating temperature	-58 to 122°F -50 to 50 °C
Depth rating	656 feet, 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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