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Scuba 105

18.11.13



The Royal Eijkelkamp Scuba 105 water quality probe measures 4.13 inches in diameter and can hold up to 13 sensors – that's more than any other multiparameter probe in the industry. It has a built-in central cleaning system for carefree longterm monitoring.

- Suitable for extensive (scientific) research
- Customizable to your needs
- Top-grade sensors and user-friendly software
- Long sensor lifetime
- 3 years warranty on probe and sensors
- Refillable reference sensor

Description

The Scuba 105 comes standard with turbidity, temperature, pH, conductivity, and dissolved oxygen sensors, with the option to add ORP and depth sensors. In addition to these standard sensors, the probe can accommodate 3 fluorometers, plus 3 ISE sensors. The large amount of possible sensors make this instrument very suitable for extensive (scientific) research.

This multiparameter meter is ideal for long-term telemetry deployments, as it uses a central cleaning system to keep the fitted sensors clean and reduce the effects of bio-fouling that are common in extended deployments.

In addition to its being an efficient and advanced hand-held meter, the probe can be used in combination with the GDT Prime Plus or the GDT-Multiple modems for longer monitoring purposes.

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 2 basic options:

- **18.11.13 Scuba 105 multiprobe package**
Measures electrical conductivity, pH, DO, turbidity, and temperature. Optional sensors for depth, ORP, 3 small (ISE) and 3 medium (fluorometric).
- **18.11.14 Scuba 105 with internal 6 C battery pack**
Measures electrical conductivity, pH, DO, turbidity, and temperature. Optional sensors for depth, ORP, 3 small (ISE) and 3 medium (fluorometric).

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

Specifications

Scuba 105	
Diameter	4.13 in 105 mm
Length/ weight without battery pack	19 in / 6.2 lb 483 mm / 2812 g
Length/ weight with battery pack	19 in / 10 lb 483 mm / 4536 g
Number of sensors	Up to 13
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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