



DO/35102

Dissolved Oxygen meter, waterproof, portable HI-9146-04



An accurate field instrument with a large LCD display reading Dissolved Oxygen in mg/l, or % saturation, with a simultaneous temperature reading. Automatic calibration is performed in saturated air, and readings can be compensated for salinity and altitude. Complete with a protective sleeve for the membrane when in use. Supplied with DO probe, 2 membranes, electrolyte solution and batteries in a hard carry case. Unit has a 2-year guarantee.

- Reads in mg/l and % oxygen
- Temperature, altitude and salinity compensation
- Mains or battery power
- Auto-off feature

Technical Specifications

Range	mg/l	0.00 to 45.00
	% Saturation	0.0 to 300.0
	Temperature	0.0 to 50.0°C
Resolution	mg/l	0.01
	% Saturation	0.1
	Temperature	0.1°C
Accuracy	mg/l	± 1.5% full scale
	% Saturation	± 1.5% full scale
	Temperature	± 0.2°C
Calibration	Automatic in air at 100%	
Altitude	0 to 4000m (resolution 100m)	
Salinity	0 to 80 g/l (resolution 1g/l)	
Battery	3 x 1.5V AAA	
Dimensions	185 x 72 x 36mm	
Weight	300g	

Cat. No. Code Description

DO/35102	HI-9146-04	Waterproof DO meter with altitude & salinity comp 4m cable
DO/35004	HI-7040L	Zero oxygen test solution 460ml
DO/35006	HI-7041S	Probe refill electrolyte 30ml
DO/35108	HI-76407/2	Replacement probe 2m cable
DO/35110	HI-76407A/P	Replacement membranes pack
DO/35112	HI-76407/4F	Replacement probe 4m cable
DO/35114	HI-76407/10F	Replacement probe 10m cable



DO/35120

Dissolved Oxygen and BOD meter, waterproof, professional HI-98193



The HI-98193 portable dissolved oxygen meter has extended ranges of up to 50 ppm and 600% saturation. When measuring dissolved oxygen, compensations for salinity, temperature and pressure are essential to improve the accuracy and precision of readings. Salinity compensation allows for direct determination of dissolved oxygen in saline waters.

- Waterproof to IP67 (including probe sockets).
- Log on demand (400 samples)
- USB for data download (cable and software supplied).
- Automatic calibration at one or two points (0% & 100%)
- Salinity and Altitude compensation
- Auto Temperature compensation.
- Built-in barometer for Pressure compensation

Technical Specifications

	Range	Accuracy
Dissolved Oxygen	0.00 to 50.00 mg/l; 0.0 to 600.0%	± 1.5% of reading ± 1 digit
Atmospheric pressure	450 to 850mm Hg	1 mm Hg
Temperature	-20 to 120°C	± 0.2°C

Cat. No. Description

DO/35120	Hanna HI-98193 Professional Waterproof Dissolved Oxygen and BOD meter supplied with DO probe with built-in temperature sensor on 4m cable, Oxygen solution and probe electrolyte, PTFE membrane caps and O rings x2, USB cable and software, beakers, batteries and carry case
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