

Portable Dissolved Oxygen | HI-9146N



battery powered



interchangeable electrode



DIN connection



replaceable electrode



Designed for field application

The HI-9146N portable meter is a rugged water-resistant instrument offering an extended range for measuring dissolved oxygen and temperature.

Developed for measurement in water, wastewater and applications such as fish farming, the HI-9146N also allows compensation for altitude and salinity.

This meter is supplied with a polarographic probe on a 4m cable and measures a DO range of up to 300%.

Main benefits

- DO range up to 300%
- Automatic calibration in air
- Allows altitude compensation up to 4000m
- Two spare membranes included as standard
- Salinity compensation up to 80g/L
- Hard carrying case and instructions provided

Specifications

Product Code	HI 9146N	
Range	O2	0.00 to 45.00 mg/L
	% Saturation O2	0.0 to 300.0%
	Temperature	0.0 to 50.0°C
Resolution	O2	0.01 mg/L
	% Saturation O2	0.1%
	Temperature	0.1°C
Accuracy	O2	±1.5% F.S.
	% Saturation O2	±1.5% F.S.
	Temperature	±0.2°C (excluding probe error)
Calibration	automatic, in air, at 100%	
Temperature Compensation	automatic, 0 to 50°C	
Altitude Compensation	0 to 4000 m (resolution 100 m)	
Salinity Compensation	0 to 80 mg/L (resolution 1 g/L)	
Probe	HI-76407/2 with 2 m cable	
Power Supply	3 x 1.5 AA batteries / approx. 200 hours of continuous use without backlight	
Environment	0 to 50°C ; RH max 100%	
Dimensions	185 x 72 x 36 mm	
Weight	300 g	

Key features

- Backlit display - great for use in low ambient light levels
- Tutorial messages shown on display remove the need to carry an instruction manual out on location
- Polarographic probe with protective membrane cover
- Automatic calibration with calibration prompt messages
- Compensation for altitude and salinity
- Battery life indicator

Ordering Information

Portable dissolved oxygen meter | HI-9146N

supplied with

- HI-76407/4F probe with 4 m cable
- batteries
- HI-76407A membranes (2)
- instructions
- HI-7041S electrolyte solution (30 mL)
- rugged carrying case

Authorised distributor



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