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Dissolved Oxygen

- Simple to operate
- Accurate and cost effective alternative to test kits
- No probes necessary

Dissolved oxygen is needed for the survival and growth of fish, vegetation, bacteria and aquatic organisms. The absence of oxygen permits anaerobic decay of organic matter and the production of toxic material in water. Low levels of oxygen are normally indicative of serious pollution in fresh and ground water. In the human environment, water must contain at least 2 mg/L of oxygen to protect water pipes from corrosion. On the other hand, D.O. can be associated with corrosive and photosynthetic activity and as a result, it must be excluded from boiler feedwater. The HANNA instruments® HI 93732N is a custom-made, microprocessor colorimetric D.O. meter. Pre-standardized reagents are supplied in liquid form for higher speed and accuracy. To take a measurement, simply zero your sample and oxidize it with the liquid reagents. Then, place the cuvet inside the meter and read D.O. from 0 to 10 mg/L in tenths of ppm.

HI 93732N is supplied complete with 60 mL BOD bottle, 2 cuvets, caps, 9V battery and instructions.

Available Accessories:	
HI 710009	Blue rubber boot
HI 710010	Orange rubber boot
HI 731318	Tissue for wiping cuvets (4 pcs)
HI 93703-50	Cuvet cleaning solution (230 mL)
HI 731321	Spare measurement cuvets (4 pcs)
HI 731325	Cuvet caps (4 pcs)
HI 93732-01	Reagent kit for 100 tests
HI 93732-03	Reagent kit for 300 tests

Specifications:	
Range	0.0 to 10.0 mg/L
Resolution	0.1 mg/L
Accuracy (@20°C/68°F)	±0.2 mg/L ±3% of reading
Typical EMC Deviation	±0.1 mg/L
Light Source	Light Emitting Diode @ 430 nm
Light Life	Life of the Instrument
Light Detector	Silicon Photocell
Battery Type / Life	1 x 9V / Approx. 40 hours of continuous use
Environment	32 to 122°F (0 to 50°C); RH 95%
Dimensions	7.1 x 3.3 x 1.8" (180 x 83 x 46 mm)
Weight	10 oz. (290 grams)