

Dissolved Oxygen

Models HI-9142 and HI-9146

HANNA

Waterproof, microprocessor controlled dissolved oxygen meters designed for on-site applications, especially waste water treatment monitoring and fish farming.

- ◆ Auto-calibration by saturated air recognition
- ◆ Direct readout in ppmO₂ (HI-9146 additionally has a separately selectable % saturation readout and simultaneous temperature readout)
- ◆ Polarographic dissolved oxygen probe with built-in temperature sensor
- ◆ Automatic temperature compensation from 0 to 50°C
- ◆ Battery operated, with auto shut-off after 4 hours
- ◆ HI-9146 additionally includes backlit display feature, altitude and salinity compensation, on-screen user guidance and GLP features.

Catalogue No.	DT310-05	DT330-15
Model	HI-9142	HI-9146
Range x resolution	ppmO ₂ 0 to 19.9 x 0.1 %O ₂ — temperature °C -5 to +50 x 0.1	0 to 45 x 0.01 0 to 300 x 0.1 0 to +50 x 0.1
Accuracy	ppm%O ₂ 1.5% of full scale — both models temperature °C ±0.2	±0.5
Calibration	Manual, 2 point	Automatic in saturated air
Power	3 x 1.5V, AAA batteries — both models	
Dimensions	mm 185 x 72 x 36	185 x 72 x 36
Weight	g 300	300

DO₂ meters, Hanna

As described. With rugged carrying case, dissolved oxygen probe with 4m cable, batteries, spare membrane kit and 30ml electrolyte solution.

DT310-05 HI-9142

DT330-15 HI-9146

Spares

DT335-15 DO₂ probe with 4m cable

DT335-20 Replacement membranes, pack of 5

DT335-24 Electrolyte solution, pack of 30ml

BL610-08 1.5V AAA battery (3 required)

Model HI-96732 Colorimeter

HANNA

Portable colorimetric dissolved oxygen meter which takes measurements using a modified Winkler method. In operation the sample is placed in a cuvette provided. The cuvette with sample is inserted into the meter and the zero key selected to calibrate the meter. Then accessory reagents are added drop-wise to the sample to generate the colour for reading. The intensity of the colour is dependent on the dissolved oxygen level. Readings are unaffected by the temperature change, salinity or probe health factors normally affecting polarographic measurement systems.

- ◆ Easy to operate
- ◆ Low cost per test
- ◆ Maintenance free system
- ◆ Long life LED light source operating at 430nm
- ◆ Battery operated, with auto shut-off after 10 minutes

Catalogue No.	DT365-10
Model	HI-96732
Range x resolution	mg/l 0 to 10.0 x 0.1
Accuracy (at 20°C)	mg/l ±0.2 ±3% of reading
Power	1 x 9V, PP3 battery
Dimensions	mm 180 x 83 x 46
Weight	g 290

Portable DO₂ Colorimeter, HI-96732, Hanna

As described. With 60ml capacity BOD sample bottle, two cuvettes, 9V PP3 battery and instructions. Without reagents.

DT365-10 HI-96732

Accessories and Spares

DT369-06 Reagent kit for dissolved oxygen, 100 tests

DT369-12 Spare measurement cuvettes, pack of 4

BL610-25 Spare battery, 9V PP3



DT310-05



DT330-15



DT365-10, with accessories