



Dissolved Oxygen Measurement Made Simple

The HANNA instruments® HI 93732N utilizes a sophisticated custom micro-processor and a modified Winkler method to measure Dissolved Oxygen accurately and quickly.

Measurements are made in a few short steps that can be performed by technical and non-technical operators alike.

In fact, all you need to do is insert a cuvet containing your sample into the meter and press ZERO. This will calibrate the meter to your sample in seconds.

Then add a few drops of the reagents to the sample to generate a color, whose intensity depends on the D.O. content. Place the reacted sample back in the meter and the instrument will do the rest of the work for you!

HI 93732N will display the D.O. concentration in tenths of ppm in clear digits on the large LCD.

There is no need to worry about temperature changes, membrane status or salinity variations.

Specifications

| HI 93732N | |
|-----------------------|--|
| 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 |
| Light Source | LED (Light Emitting Diode) 470 nm |
| Light Life | Life of the instrument |
| Sensor | Silicon Photocell |
| Battery Type / Life | 1 x 9V / approximately 40 hours of continuous use; Auto shut-off after 10 minutes of non-use |
| Environment | 0 to 50°C (32 to 122°F); RH max 95% non-condensing |
| Dimensions | 180 x 83 x 46 mm (7.1 x 3.3 x 1.8") |
| Weight | 290 g (10 oz.) |
| Method | Modified Winkler method; the reaction between Dissolved Oxygen and the reagent causes a yellow tint in sample. |

Accessories

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|-----------|-----------------------------------|-------------|-------------------------------------|
| HI 710009 | Shockproof rubber boot, blue | HI 740038 | 60 mL glass bottle and stopper |
| HI 710010 | Shockproof rubber boot, orange | HI 93703-50 | Cleaning solution for cuvet, 230 mL |
| HI 731318 | Tissue for wiping cuvetts (4 pcs) | HI 93732-01 | Reagent kit for DO (100 tests) |
| HI 731321 | Spare measurement cuvetts (4 pcs) | HI 93732-03 | Reagent kit for DO (300 tests) |
| HI 731325 | Cap for cuvet (4 pcs) | | |

Ordering Informations

HI 93732N is supplied complete with 60 mL BOD bottle, 2 cuvetts, battery and instructions.

For other accessories, see sections U and V.