

## Aqualabo NEON-OPTOD

The Aqualabo NEON-OPTOD Field oximeter is an essential tool for measuring water quality. This user-friendly device uses ASTM International Method D888-05 to read dissolved oxygen levels in %Sat and mg/L, as well as accurately recording temperature measurements. Its light weight yet durable design ensures it can stand up against the elements, while its WiFi capability helps easily store data points for later transfer to a computer.

### Features:

- Intuitive User Interface
- Waterproof, durable, light weight
- Digital OS technology
- Low maintenance
- Accurate measurement reliability
- Data recording and transfer via WiFi

### Applications

- Fish Farming
- Agriculture
- Aquarium



### Technical Specifications

<b>Measuring Range</b>	<b>Oxygen:</b> 0,00 to 20,00 mg/L ; 0,00 to 20,00 ppm ; 0-100% <b>Temperature:</b> 0,00 - 50,00 C <b>Atmospheric Pressure:</b> 450-800mmHg (600-1065 hPa)
<b>Resolution</b>	<b>Oxygen:</b> 0,01 <b>Temperature:</b> 0.01
<b>Accuracy</b>	<b>Oxygen:</b> +/- 0,1 mg/L ; +/-0,1 ppm ; +/- 1% <b>Temperature:</b> +/- 0.5C (31F)
<b>Calibration</b>	On 1 or 2 points
<b>Compensations</b>	<b>Barometric:</b> Automatic <b>Salinity:</b> Manual <b>Temperature via CTN:</b> Automatic
<b>OPTOD Digital Sensor</b>	Luminescence Optical Technology
<b>Data Logging</b>	3000 points via WiFi Transfer
<b>Functions</b>	<b>Auto Off:</b> 2, 5, 10, 15, 30 mins Light <b>Intensity:</b> 5 min max Main Measurement Zoom Indication of Measurement Stability
<b>Power Supply</b>	3 battery 1,5V AA

### NEON Housing

<b>Weight</b>	880 g (1.94 lbs)
<b>Dimensions</b>	146 x 88 x 33 (5.75" x 3.46" x 1.30")
<b>Protection Class</b>	IP 67
<b>Operation Temp</b>	-5 to 50C (23 - 122F)
<b>Storage Temp</b>	-10C to 60C (14 - 140F)
<b>Screen</b>	LCD Graphic with Backlight
<b>Material</b>	ABS
<b>Sensor Connection</b>	Cable gland type PG9 Sensors on 3, 7 et 15M

### Specification OPTOD Sensor

<b>Weight</b>	300 g (.66 lbs) sensor + 3 m cable
<b>Protection Class</b>	IP68
<b>Operating Temp</b>	0 to 50C (32 - 122F)
<b>Storage Temp</b>	-10C to 60C (14 - 140F)
<b>Pressure Max</b>	5 bars
<b>Material</b>	Stainless steel or Titanium

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