

# Oxymeter HQ1130

Portable dedicated dissolved oxygen meter

HQ1130 portable meter allow to collect and manage intuitive, accurate measurements of dissolved oxygen, and easily review results, while supplying an IP67 robustness rating. It provides a true rugged, field-ready solution with on-screen, visual step-by-step operating guidance that provides users with confidence in reporting and managing their results. This instrument secures, simplifies, and accelerates the complete measurement process for field users.

Moreover, Using the LDO (LDO - Luminescent Dissolved Oxygen) sensor you can save time and money, from the first day. Indeed, Calibration frequency is reduced; the only maintenance required is the replacement of the sensor cap once a year.

## Advantages

- LDO sensor without drift, calibration, or polarisation.
- LDO technology based on luminescence, with no replacement of the electrolyte required, and no interference by deposits or H<sub>2</sub>S.
- Automatic annual report of the sensor, for the replacement of the cap.
- No flow in the sensor, for accurate and reliable measures of low or high O<sub>2</sub> concentrations
- Electrode and temperature sensor water resistant at a depth of up to 3m for 24h
- Transfer of data via USB



Ref. 195200

## Applications

The oxymeter can be used to measure dissolved oxygen during inerting, racking, micro-oxygenation or ageing.

## Technical features

	Measurement range	Resolution	Accuracy
Saturation	1 to 200 %	0.1 %	
T°	0 to 50°C	0.1°C	+/- 0.3°C
mg/L	0.05 to 20.0 mg/l	0,01 or 0,1 mg/l	± 0,1 between 0 and 8mg/l ±0,2 beyond 8mg/l
Pressure	Automatic compensation of the atmospheric pressure		
Data memory	5000 readouts - manual or automatic recording		
O <sub>2</sub> probe	Intellical LDO, cable 1m, 3m, 5m or 10m		
Power supply	Rechargeable lithium-ion battery 18650 (internal) Class II, USB power adapter: 100- 240 VAC, 50/60 Hz input; 5 VDC at 2 A USB power adapter output (external)		
IP Class	IP 67 (waterproof and dust-tight device, probe and connections)		
Dimensions and weight	63 x 97 x 220 mm / 519g		

Laboratory  
probe  
3 m or 1m



Field probe,  
5 or 10 m

Laboratoires Dujardin-Salleron



872, route de la Gare  
37210 NOIZAY - FRANCE  
Tel : +33 (0)2 47 25 58 25  
Fax : +33 (0)2 47 25 58 30  
export@dujardin-salleron.com  
www.dujardin-salleron.com



Intertek