

OXAL70 HANDHELD OPTICAL LUMINESCENCE OXYMETER

Handheld digital Oximeter, optical luminescence technology, temperature and barometric pressure automatic compensation. Manual compensation for salinity. Large backlit display with simultaneous viewing of Oxygen (% ppm / mg / l), Temperature and the standard used for calibration. GLP with time and date of last calibration. "CAL TIMER" function for recalibration frequency setting. Icon settable on three levels (Low-Med-High), indicating measurement stability, automatic calibration up to 2 points (0% - 100% Oxygen.). Manual or automatic Data Logger with memory / recall up to 500 data with date and time. Calibration timer. Auto power off. Protective rubber holster with bench support. Self Diagnostics, 5-year warranty on the electronics.

Low maintenance, easy calibration and high precision. Electrolyte is not required, so no need to fill the sensor. Insensitivity to toxic gases.

Power supply by PC, main adapter and batteries.

USB output for data download and power supply by PC or AC adapter



IP 67 waterproof sensor

TECHNICAL SPECIFICATIONS

Dissolved Oxygen Range:	0,00...19,99 mg/l-ppm / 20,0...50,0 mg/l-ppm
Resolution:	0,01 / 0,1
Accuracy (with sensor):	+/- 0,2 up to 10 mg/l-ppm; 0,3 from 10 to 20 mg/l-ppm; 5% from 20 to 50 mg/l-ppm
Range Saturation dissolved O2:	0,0...199,9% / 200...400%
Resolution:	0,1 / 1%
Accuracy (with sensor):	+/- 10%
Oxygen calibration points:	1 or 2 automatic
Barometric pressure range:	0...1100 mbar
Resolution:	1 mbar
Accuracy	+/- 0,5%
Temperature range:	0,0...60,0 °C
Resolution:	0,1°C
Accuracy	+/- 0,5 °C
Salinity range:	0...50 ppt
Salinity compensation:	manual
Display:	backlit LCD
Storage / Data logger:	Auto / Manual 500 data with date and time
Protection class:	Waterproof IP57
Input sensor:	DIN multipin
Communication interface:	USB
Power Supply:	3x 1.5 V AA batteries; AC / DC adapter with USB cable
Operating hours:	from 300 to 500 hours
Size and weight of the instrument:	86x196x33 mm / 300 g
Dimensions and weight kit:	385x300x115 mm / 1725 g
Supply kit:	OXAL70 with optical sensor, cable 10 m. Multi DIN plug, 1xbottle std 0 oxygen. Power supply adapter, software, USB cable and carrying case with accessories.

Optional accessories: Steel reinforcement for immersion electrode

- Spare parts:
- Optical sensor 10 meters cable
 - LDO cup sensor
 - Disposable Standard 0 oxygen, kit 5 bottles
 - Disposable Standard 0 oxygen, 1 bottle



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