

MEDIDOR DE OXÍGENO

AK121 - OD Max con electrodo óptico OD

Akso's AK121 is a portable dissolved oxygen meter with an advanced optical probe, designed to provide accurate measurements in a variety of applications. Essential in aquaculture, it guarantees a healthy environment for aquatic organisms, while it optimizes the activity of microorganisms in sewage treatment. In the beverage and food industry, such as in the production of beer and wine, it controls oxygen during fermentation to ensure product quality. In fish farming, it promotes ideal conditions for fish development. Furthermore, it provides accurate data in research laboratories and is crucial to the effectiveness of biological reactors in industrial processes. The AK121 combines accuracy and reliability, meeting a wide range of needs.

Key Features of the AK121 Include:

- **Optical Probe** – optical dissolved oxygen sensor provides exceptional accuracy and sensitivity in measurements, with minimized interference from contaminants and reduced maintenance requirements.
- **Automatic Temperature Compensation** (0 to 40°C) and manual adjustments for altitude (0 to 3500m) and salinity (0 to 45ppt), ensuring accurate readings regardless of environmental changes.
- **Two-Point Calibration**: Adjusts to 0% and 100% saturation for accurate calibration.
- **Automatic shutdown**: Saves battery life by turning off the device when not in use.



2 years warranty
(INSTRUMENT)

6 months warranty
(PROBE)



A K S O

SPECIFICATIONS

Range: DISSOLVED OXYGEN (DO) 0 to 20.00 mg/L 0 to 200 %OD 0 to 20.00 ppm	Resolution: DISSOLVED OXYGEN (DO): 0.01 / 0.1 mg/L 0.1 %OD 0.01 / 0.1 ppm	Accuracy: DISSOLVED OXYGEN (DO): ± 0.3mg/L (0 to 10.00 mg/L) ± 2% of reading (remaining)
Temperature: 0 to 40°C	Temperature: 0.1°C	Temperature: ± 0.5°C
Calibration:	2 point automatic - in 100% air and 0 oxygen	
ATC	0 a 40 °C	
Iluminação do visor (Backlight):	On/Off	
Auto Power Off	10 minutes	
Congelamento da leitura (HOLD):	Manual	
Operating temperature:	0 to 40 °C	
Operating humidity:	10 to 90 %RH	
Protection:	IP65	
Power supply::	3,7v rechargeable battery	
Dimensions (W x H x D):	83 x 175 x 34 mm	
Weight:	257g	

Items included with the instrument:

- AK1030 Optical dissolved oxygen probe 4m cable
- Instruction manual

Optional items:

- AK1060 Rubber cover
- ICR18650 rechargeable battery