



# DATASHEET

## PORTABLE OXYMETER

### APW O2T

- VERY SHORT RESPONSE TIME
- RELIABLE, ROBUST AND WATERTIGHT

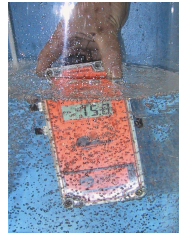


## PORTABLE OXYMETER

Simple, Robust and Reliable ! That the recipe PONSEL has been applying for 50 years .

The APW-O2T is the ideal tool for controlling dissolved oxygen concentration in water and any liquids.

The Dissolved Oxygen sensor is a Clark type sensor based on the measurement of the current generated by an electrochemical reaction. Its very thin Teflon PTFE membrane enables very short response times. Equipped with pressure equalizers, this sensor is fitted for deep waters measurements.



**Watertight**



**Robust**

Specifications	
Control Box	
<b>Power supply :</b>	• 1 x 9V battery - 2000 hours life time
<b>Electronic box :</b>	• Protection IP 67
<b>Dimensions :</b>	• 161 x 81 x 55 mm
<b>Matériel :</b>	• Reinforced polyester with hinged IP 67 transparent cover
<b>Display :</b>	• LCD 3 ½ digit. 18 x 46 mm
<b>Operating temperatures :</b>	• from – 10.0 to +50°C
<b>Measured parameters :</b>	• Dissolved Oxygen (mg/l) and T°C
<b>Measurement range :</b>	• Oxygen : 0.0 – 19.9 mg/l Temperature : 0.0 à 50.0°C
<b>Accuracy :</b>	• +/- 0.5% displayed value +/- 1 digit for oxygen +/- 0.1°C +/- 1 digit for temperature
<b>Options :</b>	• Analog output
Sensor	
<b>Process :</b>	• Dissolved Oxygen : polarography (CLARCK) Temperature : Pt 100
<b>Matériel :</b>	• Platinum cathode, silver anode, 20µm Teflon membrane, inox and Delrin. IP68
<b>Dimensions :</b>	• Diameter 20.5mm – length 130 mm – Weight 100 g
<b>Cables :</b>	• 4 threads, coated shielded PU cable, 3 m standard length. (up to 100 m on request). 40 g / m