

## Handheld Instruments

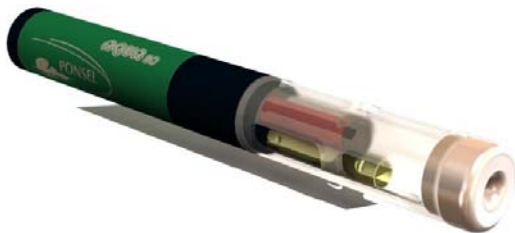
# ACTEON 3000 Multiparameter probes AQUA

New generation of probes for water quality analysis.

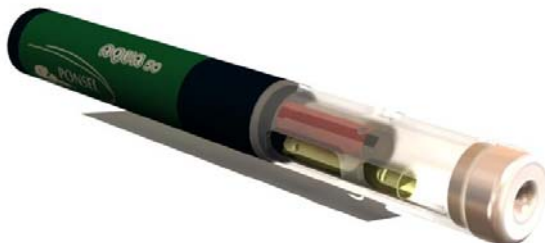
- Reinforced probes for harsh environments
- Autonomy > 3 months (more than 180 000 measures)
- Compact and light



AQUA probe : standard



AQUA10 probe : surface water (0-10 m)



AQUA50 probe : underground water (0-50 m)






## AQUA Range

The new probes AQUA was designed to achieve the most accurate water quality analyses in all field conditions : wastewater, natural water, seawater...

The AQUA probes allows you to measure up to 6 parameters simultaneously.

- Fast and easy connection of the 3 mini-sensors by simple « clip »
- Pocket size for maximum user convenience
- Connection to the portable terminal ACTEON 3000, a computer (with the **ACTEWIN software**) or any other instrument using SDI12 protocol.

Probe			
Parameters	pH, ORP, Dissolved Oxygen, conductivity, temperature		
Level	/	0-10 m	0-50 m
Applications	Waterwater, natural water...	Surface water	Underground water
Dimensions	length : 420 mm, diameter : 40 mm		
Weight	500 g		

Sensor design Features				
Parameter	Type of sensor	Range	Resolution	Accuracy
Temperature	Platinum probe Pt 100 $\Omega$	- 5,00 to + 50,00 °C	0,01°C	$\pm 0,1^\circ\text{C}$
Conductivity	4 slotted electrodes	0,00 to 200,00 $\mu\text{S/cm}$ 0,0 to 2 000,0 $\mu\text{S/cm}$ 0,00 to 200,00 $\text{mS/cm}$ 0,0 to 2 000,0 $\text{mS/cm}$	0,01 $\mu\text{S/cm}$ 0,1 $\mu\text{S/cm}$ 0,01 $\text{mS/cm}$ 0,1 $\text{mS/cm}$	$\pm 0,5\%$ full scale $\pm 0,5\%$ full scale $\pm 0,5\%$ full scale $\pm 0,5\%$ full scale
pH	Combineted glass electrode	0 to 14 units	0,01	$\pm 0,05$
ORP	Platinum probe	- 999,0 to + 999,0 mV	0,1	$\pm 20\text{ mV}$
DO	Polarographic monolithic	0,00 to 20,00 mg/L 0,0 to 200,0 %	0,01 mg/L 0,1 %	$\pm 0,2\text{ mg/L}$ $\pm 2\%$
Depth/pressure	Piezoresistive monolithic	0 -10 m 0-50 m	1 cm 1cm	$\pm 1\%$ full scale

## ACTEON 3000 TERMINAL

The ACTEON 3000 portable Terminal, a combinaison of reliability and technical performance, was design to allow you the best solution for water quality analyses.

- User friendly drop menu
- Pulse output for remote control of external equipment
- Compact, light and watertight (IP 67)
- Multilingual display FR, EN, ES, DE

Design features	
Data storage	32768 measurements each comprising 6 measurements
Power	4 standard alkaline batteries AA LR6
Capacity	2 000 hours
Communication protocol	SDI12/RS232
Dimensions (WxLxD mm)	145 x 245 x 110
Output	Pulse output
Weight	600 g
Operation temperature	- 5°C à + 50°C
Degree of protection	IP 67
Screen	Wide screen LCD 8 lines x 21 columns
Barometer	600,0 to 1 100,0 hPa ( $\pm 4\text{ hPa}$ )

The **ACTEWIN** software allows you the best data analysis (tables, diagrams, statistical data...)