



*Affordable multiparameter water quality test sets  
that cover all the basics: AP-700 and AP-800*



# The cost effective, complete water quality monitoring packages

## Packages include the following:

- AP-700 or AP-800 Aquaprobe with 3 m cable
- Handheld GPS Aquameter
- 250 ml RapidCal calibration solution
- Spare DO membrane cap, DO filling solution and pH storage solution
- USB cable and Windows PC application
- Lanyard, screwdriver & 5 AA batteries to power the GPS Aquameter
- Carrying case



## The GPS Aquameter

The GPS Aquameter is rated IP67 for use outside even in the rain. It is rugged and very easy to use. Record your data at the push of a button and download the data to a PC for manipulation and reporting. The integrated GPS means you will always know where your data was captured.

## Aquaprobe

The IP68 rated Aquaprobe is constructed of marine grade aluminium and is designed for use in fresh, marine and waste-water applications. Its metal construction and weight reflect the superior build quality of the instrument. The probes feature pH/ORP, Conductivity, Dissolved Oxygen and Temperature sensors, with the AP-800 also featuring a nephelometric Turbidity sensor that utilises sapphire lenses for improved optical response. It features factory replaceable sensors and cable should anything ever go wrong.

### AP-700 set (art. no.: 1849) parameters

- pH/ORP
- 4 ring Conductivity\*
- Dissolved Oxygen (galvanic)
- Temperature

### AP-800 set (art. no.: 1851) parameters

- pH/ORP
- 4 ring Conductivity\*
- Dissolved Oxygen (galvanic)
- Turbidity
- Temperature

\*Additional parameters are calculated from the EC and Temperature readings



## Standard parameter specification

Dissolved Oxygen	Range	0 – 500.0% / 0 – 50.00 mg/L
	Resolution	0.1% / 0.01 mg/L
	Accuracy	0 – 200%: ± 1% of reading, 200% – 500%: ± 10%
Conductivity (EC)	Range	0 – 200 mS/cm (0 – 200,000 µS/cm)
	Resolution	3 Auto-range scales: 0 – 9,999 µS/cm, 10.00 – 99.99 mS/cm, 100.0 – 200.0mS/cm
	Accuracy	± 1% of reading or ± 1 µS/cm if greater
TDS *	Range	0 – 100,000 mg/L (ppm)
	Resolution	2 Auto-range scales: 0 – 9,999mg/L, 10.00 – 100.00g/L
	Accuracy	± 1% of reading or ± 1mg/L if greater
Resistivity *	Range	50·cm – 1M0·cm
	Resolution	2 Auto-range scales: 5 – 9,999 Ω·cm, 10.0 – 1,000.0 KΩ·cm
	Accuracy	± 1% of reading or ± 1 Ω·cm if greater
Salinity*	Range	0 – 70 PSU / 0 – 70.00 ppt (g/Kg)
	Resolution	0.01 PSU / 0.01 ppt
	Accuracy	± 1% of reading or ± 0.1 unit if greater
Seawater Specific Gravity*	Range	0 – 50 σ <sub>t</sub>
	Resolution	0.1 σ <sub>t</sub>
	Accuracy	± 1.0 σ <sub>t</sub>
pH	Range	0 – 14 pH / ± 625mV
	Resolution	0.01 pH / ± 0.1mV
	Accuracy	± 0.01 pH / ± 5mV
ORP	Range	± 2,000mV
	Resolution	0.1mV
	Accuracy	± 5mV
Temperature	Range	-5°C – +50°C (23°F – 122°F)
	Resolution	0.1° C/F
	Accuracy	± 0.5° C
Turbidity**	Range	0-3,000 NTU
	Resolution	2 auto-range scales : 0.0 - 99.9 NTU, 100 - 3,000 NTU
	Accuracy	± 2% of reading

\* Readings calculated from EC and temperature electrode values

\*\* Turbidity only available on the AP-800