



Quality. Service. Value.

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TPS Australia - Quality instruments since 1968.

Aqua-pH Waterproof pH - mV - Temperature Meter



[Full Size Image](#)

- ◆ **Dual readout of pH or mV and Temperature**
- ◆ **Easy to use**
- ◆ **One-touch calibration**
- ◆ **Waterproof to IP65**
- ◆ **Full-text prompting and error messages**
- ◆ **Large digit mode**
- ◆ **Fold-out stand for bench use**
- ◆ **Australian Made**

The **Aqua-pH** is an economical waterproof pH meter with pH, mV and Temperature readouts. It provides accurate, reliable measurements, and is very easy to use.

Genuine one-touch calibration puts an end to time-consuming calibration procedures.

The **Aqua-pH** comes with all the

Low Battery Drain

The **Aqua-pH** will provide in excess of 100 hours of continuous use with an alkaline 9 volt battery.

A handy battery-saver function switches the **Aqua-pH** off after 5 minutes if no keys have been pressed. This function can also be disabled for continuous operation.

accessories needed for immediate use. A hard carry case is also available.

Rugged and Reliable

TPS has used the latest microprocessor electronics to totally eliminate all internal and external adjustments. The result is a dramatic increase in reliability. The unit is ideal for field or factory use.

24 Character Alphanumeric Display

The two-line, 24 character display shows the pH or mV reading plus temperature simultaneously. Alternatively, a Large Digit mode is available. This shows one reading at a time at almost double the size. To simply use of the **Aqua-pH**, plain English prompts and error messages are provided. There are no codes to interpret like some other brands.

One-touch Calibration

Calibration of the **Aqua-pH** could not be simpler. Just place the pH electrode into any of the pre-selected buffers and press the Calibrate key. Repeat for a second point and that's it !

The **Aqua-pH** displays probe condition after calibration.

All calibration information is stored in memory when the **Aqua-pH** is switched off, even if the battery is removed.

Temperature Compensation

Correct temperature compensation is vital for accurate pH measurements. The operator can choose to use the Automatic Temperature Compensation (ATC) probe supplied or enter a temperature value manually. Temperature compensation in both cases is performed by the microprocessor for optimum accuracy.

Australian Quality

The Aqua Series is proudly designed and manufactured in Australia. Our aim is to provide you with the best quality, service and value for money. The TPS Quality System has been certified in accordance with the AS/NZS ISO 9001 standard. Since 1968, TPS has built a reputation for excellent backup service that is second to none.

Specifications

pH

Range : 0 to 14.00 pH
Resolution : 0.01 pH
Accuracy : +/-0.01pH

mV

Range : 0 to +/-1500 mV
Resolution : 1 mV
Accuracy : +/-1 mV

Automatic Buffer Recognition

4.01, 6.86, 7.00, 9.18 and 10.01 pH

Enclosure

Tough, ABS plastic case, waterproof to IP65

Display

Temperature

Range : -10.0 to 120.0 °C
 Resolution : 0.1 °C
 Accuracy : +/-0.2 °C

Input Impedance

>3 x 10¹² Ohms

Asymmetry Range

-1.00 to +1.00 pH

Slope Range

85.0 to 105.0%

Temperature Compensation

0 to 100 °C, automatic or manual. The

Aqua-pH automatically detects whether or not the temperature sensor is connected.

24 Character alphanumeric LCD with full-text prompts and error messages.

Battery Saver Function

On : Automatically switches off after 5 minutes of no use.
 Off : Unit remains on for continuous use.

Power

9V Alkaline battery for 100+ hours.

Dimensions

157 x 78 x 35 mm

Mass

Instrument only : Approx 250g
 Full Kit : Approx 1.5kg

Environment

Temperature : 0 to 45 °C
 Humidity : 0 to 90% R.H.

Ordering Information

	Part No
Aqua-pH pH/mV-Temp 1m.....	121112/1
Aqua-pH pH/mV-Temp 3m.....	121112/3
Aqua-pH pH/mV-Temp 5m.....	121112/5

1, 3 & 5 metre Options Include**1 metre bundle 121112/1:**

pH Sensor, 1m Surface only....121207
 Temperature Sensor, 1m.....121247
 pH7.00 Buffer, 200mL.....121387
 pH4.01 Buffer, 200mL.....121381
 9V Alkaline Battery130026
 Manual.....130050

3 metre bundle 121112/3:

pH Sensor, 3m Submersible.....111231
 Temperature Sensor, 3m.....121255
 pH7.00 Buffer, 200mL.....121387
 pH4.01 Buffer, 200mL.....121381
 9V Alkaline Battery130026
 Manual.....130050

5 metre bundle 121112/5:

pH Sensor, 5m Submersible.....111224
 Temperature Sensor, 5m.....121256
 pH7.00 Buffer, 200mL.....121387
 pH4.01 Buffer, 200mL.....121381
 9V Alkaline Battery130026
 Manual.....130050

	Part No
Options and Accessories	
IJ pH Sensor Upgrade for difficult samples such as meat, dairy, slurries...	
pH, Intermediate Junc, 1m.....	121200/1
pH, Intermediate Junc, 3m.....	121200/3
pH, Intermediate Junc, 5m.....	121200/5
ORP Sensors:	
ORP, Surface only, 1m.....	121262
ORP, Intermediate Junc, 1m.....	121269
ORP Calibration Solution.....	121309
Cable Extension:	
Extra cable, per metre.....	130040
Carry case:	
Aluminium Carry Case.....	130057

IJ pH Sensor Upgrade for difficult

samples such as meat, dairy, slurries...

pH, Intermediate Junc, 1m.....121200/1
 pH, Intermediate Junc, 3m.....121200/3
 pH, Intermediate Junc, 5m.....121200/5

ORP Sensors:

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Cable Extension:

Extra cable, per metre.....130040

Carry case:

Aluminium Carry Case.....130057



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[Download the full colour Aqua Series Brochure \(1.77 MB PDF\).](#)



[Download the manual for this instrument.](#)

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Version 1.0

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