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WP-Sim Simulator



请使用翻译作用于这页底部以翻译页对汉语。

TPS Australia - Quality hand-made instruments since 1968.

WP-Sim Multi-Function Simulator



[Full Size Picture](#)

- ◆ *Simulates output for pH, mV, Conductivity, TDS & Temperature*
- ◆ *Impedance Test for pH/mV*
- ◆ *Waterproof Design*
- ◆ *An excellent diagnostic tool for instruments without having to return them to the factory*

The NEW **WP-Sim** is a truly versatile device. With the correct cable fitted, it is possible to check the operation of any TPS meter with pH, mV, Conductivity, TDS or Temperature readout. It is designed for representatives and service personnel, giving them the ability to diagnose many types of faults without having to return a unit to the factory.

Traditional simulators are not able to check the impedance of a pH/mV meter's input circuitry. This is vital, as reduced input impedance can render a pH sensor useless. The **WP-Sim** has a specific function to check impedance so the user can be confident that the input circuitry has been fully checked.

The waterproof enclosure means that the **WP-Sim** can be used to check any instrument in any weather.

The **WP-Sim** operates on a 9 Volt alkaline battery. A battery test function is provided.

The **WP-Sim** is proudly designed and manufactured in Australia. The TPS Quality System has been certified in accordance with AS/NZS ISO9001 standards. Since 1968, TPS has built a reputation for excellent backup service that is second to none.

Specifications

Simulated Outputs

pH..... 2.00 pH
 4.00 pH
 7.00 pH
 10.00 pH
 12.00

mV..... 650 mV
 Conductivity... 100 uS/cm

1,000 uS/cm
 10 mS/cm
 100 mS/cm

TDS..... 1,000 ppM
 10,000 ppM

Temperature.... Actual internal
 temperature of the
 unit

Accuracy

pH..... +/-0.03 pH

mV..... +/-2 mV

Conductivity... +/-5%

TDS..... +/-5 %

Temperature.... Can be offset by up
 to +/-10°C.

Impedance Test

Check reading of instrument with normal simulated pH test. Set switch to "Impedance" and check if reading is steady (pass) or changes (fail).

Power

9V Alkaline battery for 100+ hours of continuous operation.

Dimensions

187 x 110 x 51 mm

Mass

Approx 200g

Instrument Operating Environment

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

Ordering Information

	Part No
WP-Sim Multi Function Simulator.....	130126

Kit Includes

pH/mV Output Cable with BNC Plug.....	130131
9 Volt Alkaline battery (inside the unit).....	130026
WP-Sim Handbook.....	130050

Optional Output Cables...

pH/mV Output Cable with TPS4 Plug.....	130132
Cond/TDS Output Cable with 5 Pin DIN Plug (LC Series, 440, 2100)....	130133
Cond/TDS Output Cable with 6 Pin W'prf Plug (WP, Aqua, MC Series)....	130134
Cond/TDS Output Cable with 7 Pin W'prf Plug (labCHEM & smartCHEM)....	130135
Cond/TDS Output Cable with 9 Pin W'prf Plug (90 Series).....	130136
pH PLUS mV Output Cable for Pool Controllers.....	130137

Options

Aluminium Carry Case for WP-Sim and accessories.....	130059
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[Download this Specification Sheet in PDF format.](#)



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

Hint : Right click on a link, then select "Save Target As..." or "Save Link As..." to save the file to your own computer.

If you do not have Adobe Acrobat in your computer, a free Acrobat Reader can be downloaded by clicking on the following link.



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[WP-Sim Simulator](#)

[Instrument Carry Case](#)

[90 Series Case](#)

[Flexible Probe Arm](#)

Send mail to tps@tps.com.au with questions or comments about this web site.

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Last modified: February 28, 2003

