



Quality. Service. Value.

[TPS Home](#)

[Contact Us](#)

[Products](#)

[Distributors](#)

[Brochures](#)

[Prices](#)

pH Cube



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.

pH Cube Benchtop pH - mV - Temperature Meter



[Full Size Image](#)

- ◆ **Tough, All-Steel Construction**
- ◆ **Large, Bright LED Display**
- ◆ **Mode Enunciator**
- ◆ **Easy to use**
- ◆ **Accurate and Reliable**
- ◆ **Designed for Universities, Colleges, Schools and Q.A. Laboratories**

The **pH Cube** has been specifically designed for use in Q.A. and educational teaching laboratories.

We asked these customers what they wanted, and the answers were...

- ◆ Tough, student-proof enclosure
- ◆ Large display that can be read easily from a distance
- ◆ Traditional manual controls, rather than push-button microprocessor design

The footprint of the **pH Cube** is particularly noteworthy. At just 123 x 123 x 123mm, it is one of the most compact benchtop units available. There is room for a **pH Cube** on every lab bench !

For added convenience, the **pH Cube** is supplied with a rod and clamp probe holder.

At a price below most portable

 Compact, with small footprint

The resulting **pH Cube** meets all of these requirements, making it perfect for this market.

The **pH Cube** enclosure is 1.0mm powder-coated steel. It will withstand the roughest treatment in any laboratory.

The bright LED display has 12.7mm digits. With a front panel angle of 60 degrees, the display can be read from a distance of several metres in most light conditions.

instruments, the **pH Cube** represents remarkable value for money.

The **pH Cube** 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. For over 30 years, 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 +/-1999 mV
Resolution : 1 mV
Accuracy : +/-1 mV

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 Manual Temperature control is disabled when the temperature sensor is connected.

Enclosure

Tough, 1.0mm powder coated steel. Splash resistant clam-shell lid design.

Display

12.7mm LED with mode enunciator.

Power

12V DC, 200mA AC/DC adaptor. AC/DC adaptors available for all countries.

Dimensions

123 x 123 x 123 mm

Mass

Instrument only : Approx 850g
Full Kit : Approx 2.0kg

Environment

Temperature : 0 to 45 °C
Humidity : 0 to 95% R.H.

Ordering Information

Part No	Part No
<p>pH Cube pH/mV-Temp.....121122</p> <p>Kit Includes</p> <p>pH Sensor, 1m Surface only.....121207 Temperature/ATC Sensor, 1m.....121245 pH6.88 Buffer, 200mL.....121306 pH4.00 Buffer, 200mL.....121381 AC/DC Power Adaptor.....130044 Manual.....130050</p> <p>Please click the following links for further details on the TPS range of sensors...</p> <p>pH Sensors</p> <p>Redox (ORP) Sensors</p>	<p>Options and Accessories</p> <p>IJ pH Sensor Upgrade for difficult samples such as meat,dairy,slurries.. pH, Intermediate Junc, 1m....121200/1</p> <p>ORP Sensors:</p> <p>ORP, Surface only, 1m.....121262 ORP, Intermediate Junc, 1m.....121269 ORP Calibration Solution.....121309</p>



[Download this Specification Sheet in PDF format.](#)



[Download the full colour pH Cube Brochure \(833KB PDF\).](#)



[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.



TPS reserves the right to change any part of this specification without notice.

Version 2.0

Copyright © 2002 T.P.S. Pty Ltd

[Aqua-pH](#)

[WP-80](#)

[WP-80D](#)

[90-P](#)

[pH Cube](#)

[labCHEM-pH](#)

[smartCHEM-pH](#)

[microCHEM-pH](#)

pH Cube

miniCHEM-pH

proCHEM-P

microCHEM-Redox

miniCHEM-Redox

proCHEM-R

Web Author : TPS Pty Ltd
Copyright © 2002-2004, T.P.S. Pty Ltd
A.B.N. 30 009 773 371
Last modified: January 23, 2009