



Quality. Service. Value.

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TPS Australia - Quality 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
- ◆ 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

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 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

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.

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

pH Cube pH/mV-Temp.....121122

Kit Includes

pH Sensor, 1m Surface only.....121207
Temperature/ATC Sensor, 1m.....121245

Part No

Options and Accessories

IJ pH Sensor Upgrade for difficult samples such as meat,dairy,slurries.. pH, Intermediate Junc, 1m....121200/1

pH7.00 Buffer, 200mL.....121387
 pH4.01 Buffer, 200mL.....121381
 AC/DC Power Adaptor.....130044
 Manual.....130050

ORP Sensors:

ORP, Surface only, 1m.....121262
 ORP, Intermediate Junc, 1m.....121269
 ORP Calibration Solution.....121309

Please click the following links for further details on the TPS range of sensors...

[pH Sensors](#)

[Redox \(ORP\) Sensors](#)



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



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

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

Version 2.0

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