



The pH Cube is tough, and features traditional controls

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 1.0 mm powder-coated steel. It will withstand the roughest treatment in any laboratory, and the epoxy based powder coating is resistant to most chemicals.

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

Many users prefer to use instruments with traditional manual controls, rather than push buttons. This style of meter does not perform any hidden calculations, and it can be calibrated in any pH buffers.

The footprint of the pH Cube is particularly noteworthy. At just 123 x 123 x 123 mm, 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 many 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 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.

**Tough, All-Steel Construction**

**Large, Bright LED Display**

**Mode Enunciator**

**Easy to use**

**Accurate and Reliable**

**Chemical resistant epoxy powder coating**

**Designed for Universities, Colleges, Schools and Q.A. Laboratories**

### ORDERING INFORMATION

pH Cube pH-mV-Temp Meter . . . . . Part No 121122

**Kit Includes**

pH Sensor . . . . .	121207
Temperature Sensor . . . . .	121245
pH6.88 Buffer, 200mL . . . . .	121306
pH4.00 Buffer, 200mL . . . . .	121381
Probe Rod & Clamp . . . . .	121346
AC/DC Power Adaptor . . . . .	130044
pH Cube Handbook . . . . .	130050

**Optional Sensors**

ORP Sensor, Ag/AgCl, 1m . . . . .	121262
Intermediate Junction pH Sensor . . .	121234
Intermediate Junction ORP Sensor .	121263

*Intermediate Junction sensors are ideal for samples such as meat, wine, slurries etc., which can clog the reference junction on standard sensors,*

**pH**

Range . . . . . : 0.00 to 14.00 pH  
Resolution . . . . . : 0.01 pH  
Accuracy . . . . . : ±0.01pH

**Millivolts**

Ranges . . . . . : 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 10<sup>12</sup>

**Asymmetry Range**

-1.00 to +1.00 pH

**Slope Range**

85 to 105 %

**Temperature Compensation**

0 to 100 °C, automatic or manual.

**Enclosure**

Tough, 1.0 mm steel with chemical resistant, epoxy powder coating finish. Splash resistant clamshell lid design.

**Display**

12.7 mm high, LED with mode enunciator.

**Dimensions**

123 x 123 x 123 mm

**Mass**

Instrument only . . . : Approx 850 g  
Full kit . . . . . : Approx 2.0kg

**Environment**

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

**Power**

12V DC, 200mA via AC/DC adaptor.  
AC/DC Adaptor to suit specified country is supplied.

*This brochure can also be accessed on our Web Site at [www.tps.com.au/products/phcube.htm](http://www.tps.com.au/products/phcube.htm)*

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Version 1.0W  
13-May-2003