



## A wide range of pH and environmental testers are available from Wira Instrumentation

If you have a specific need please contact us to discuss your requirements.

### Edge Bench Top pH and Temperature Meter

Single parameter pH meter features user-friendly tablet design with bench, portable or wall mount options for ultimate flexibility.

The Edge Bench Top pH and Temperature Meter allows users to make fast, accurate measurements of commonly measured laboratory parameters using the digital sensors for pH. The intuitive design simplifies configuration, calibration, measurement, data logging and transfer of data to a USB thumb drive or computer. The meter is supplied with glass pH electrode and temperature sensor.

Buffer, cleaning, storage and general-purpose solutions are available.

Range: -2.00 to 16.00 pH  
Resolution: 0.01pH; 0.1°C  
Accuracy:  $\pm 0.01$ pH;  $\pm 0.5^\circ\text{C}$   
Automatic compensation from -5.0 to 100.0°C  
Dimensions: 202 x 140 x 12mm  
Weight: 250g

### Key Features

- ✓ pH, mV pH and ORP reading modes
- ✓ Internal clock and date
- ✓ Large 140mm LCD display with clear full text readout
- ✓ GLP data - records date, time, offset, and cell contact value (k)
- ✓ Digital smart electrodes enable meter to automatically recognise and store sensor type, ID and calibration information
- ✓ Programmed for basic and advanced modes
- ✓ Up to 8 hour battery life as portable device
- ✓ 3.5mm phono electrode connection
- ✓ Data stored for 1000 records

Order Code: PHT:BTP



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### Field and Laboratory pH and Temperature Meter

A durable, portable, pH and temperature meter used for most pH measurements encountered in manufacturing and environmental testing protocols.

The meter is provided with the rugged titanium bodied electrode with built-in temperature sensor for temperature compensated pH/temperature readings, and DIN connector with 1m cable. Each meter is also supplied with pH 4.01 & 7.01 buffer sachet; general electrode cleaning solution; 100ml beaker; alkaline batteries; rugged carrying case; calibration certificates and an instruction manual. Simultaneous pH and temperature measurements can be viewed on a large dual-line LCD display.

Buffer cleaning, storage and general-purpose solutions are available.

Range: -2.00 to 16.00 pH  
Resolution: 0.01pH; 0.1°C  
Accuracy:  $\pm 0.02\text{pH}$ ;  $\pm 0.5^\circ\text{C}$ – $60^\circ\text{C}$ ;  $\pm 1.0^\circ\text{C}$  outside  
Automatic compensation from  $-5.0$  to  $105.0^\circ\text{C}$   
Dimensions: 154 x 63 x 30mm  
Weight: 196g

### Key Features

- ✓ Automatic pH calibration at one or two points within two memorised buffer sets (standard or NIST)
- ✓ Selectable temperature unit ( $^\circ\text{C}$ )
- ✓ Electrode condition indicator
- ✓ mV of pH measurement for electrode check
- ✓ Battery life indication and low battery detection
- ✓ Keystroke confirmation tone
- ✓ Auto-off function
- ✓ Waterproof casing IP67
- ✓ Instruction manual

Order Code: PHT:FAL



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### Surface pH Meter

With its large user friendly LCD, tutorial messages for calibration and setup, missing probe indicator, newer rugged ergonomic casing, faster and easier battery replacement and probe situated on the bottom of the instrument for ease of use.

The Surface pH Meter is a portable pH meter that gives direct pH measurement on paper, leather and fabric materials that is both fast and accurate. This meter utilises a flat tip proven design to optimise surface contact with the sample.

Buffer cleaning, storage and general-purpose solutions are available.

Range: -2.00 to 16.00 pH  
Resolution: 0.01pH; 0.1°C  
Accuracy:  $\pm 0.02$ pH;  $\pm 0.5^\circ\text{C}$  (up to  $60^\circ\text{C}$ ),  $\pm 1^\circ\text{C}$  (outside)  
Automatic compensation from -5 to  $105^\circ\text{C}$   
Dimensions: 150 x 80 x 36mm  
Weight: 210g

### Key Features

- ✓ Flat-tipped glass probe
- ✓ Multi-level LCD display
- ✓ On-screen tutorial messages for calibration and set-up
- ✓ Automatic temperature compensation
- ✓ Automatic one or two point calibration
- ✓ BEPS (Battery Error Prevention System)
- ✓ Compact, heavy-duty, and water resistant

**Order Code: PHT:SFC**



# **WIRA** Pocket pH Meter

INSTRUMENTATION



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### Pocket pH Meter

Water resistant, accurate and portable, this handy little pocket meter is a 'go anywhere' pH tester with replaceable electrode. Also designed to float if accidentally dropped into a tank etc.

The Pocket pH Meter has a dual LCD screen that displays pH and temperature readings simultaneously. The exposed temperature sensor provides fast response time and the replaceable pH electrode helps to prolong the life of the meter. Replacing is easy due to no pins to line up.

Buffer cleaning, storage and general-purpose solutions are available.

Range: -2.00 to 16.00 pH  
Resolution: 0.01pH; 0.1°C  
Accuracy:  $\pm 0.05$ pH;  $\pm 0.5$ °C  
Automatic Temperature Compensation  
Dimensions: 163 x 40 x 26mm  
Weight: 100g

### Key Features

- ✓ Automatic buffer recognition and calibration
- ✓ Robust, replaceable electrodes
- ✓ Proximity of exposed temperature sensor to pH electrode guarantees greater accuracy in temperature compensated readings
- ✓ Calibrate directly with buffer solution sachets
- ✓ Battery % displayed on start up with battery error prevention system (BEPS) to support optimum operation

Order Code: PHT:PCT



## Buffer, Storage and Cleaning Solutions are essential to the accuracy and durability of the pH meter.

Keep one step ahead on the maintenance front by always storing the relevant solutions.

### Buffer Solution

Achieve accurate pH readings and check your meter and electrode is functioning correctly using buffer solutions. Available in convenient, ready-made pH values 4.01, 6.86, 7.01, 9.28 and 10.01. These certified value calibration solution has an accuracy of  $\pm 0.01\text{pH}$  @  $25^{\circ}\text{C}$  for all requirements. Available in 500ml bottles and individually sealed foil sachets containing 20ml of ready-to-use solution.

### Storage Solution

After cleaning the electrode with a cleaning solution, rinse with tap water, then soak the electrode in the storage solution before taking measurements. pH 4.01 or pH 7.01 buffer solution can be used if storage solution is running low.

Air-tight bottles with tamper-proof seals ensure quality and freshness. Each bottle is marked with a batch number and expiry date.

### Cleaning Solution

We recommend to always clean an electrode after every testing to eliminate impurities and residue. Regular cleansing and proper care ensures the electrode is correctly maintained for maximum performance to achieve accurate readings, faster response times and repeatability. Available in 230ml and 500ml bottles, and individual 20ml sachets in packs of 25.

### Order Codes

**PHT:BF4** pH 4.01 Buffer Solution 500ml  
**PHT:BF7** pH 7.01 Buffer Solution 500ml  
**PH4:BF10** pH 10.01 Buffer Solution 500ml  
**PHT:ST4** pH 4.01 Buffer Solution 25x20ml Sachets  
**PHT:ST7** pH 7.01 Buffer Solution 25x20ml  
**PHT:ST10** pH 10.01 Buffer Solution 25x20ml  
**PHT:SSL** Storage Solution 500ml  
**PHT:CSL** Cleaning Solution 500ml

Please get in touch to discuss which solutions would best suit your requirements.