



# PORTABLE pH, PH/CONDUCTIVITY AND pH/ORP METERS

PHH-81A  
£133



- ✓ Measures pH, pH/Conductivity, or pH/ORP
- ✓ Two Buttons Control All Operations
- ✓ Electrodes Fold Away into Handle When Not in Use
- ✓ Detachable Electrodes
- ✓ Integral Benchtop Stand



books1.com  
omega.co.uk



The POCKET PAL™ Series of handheld instruments are rapidly becoming an industry favorite for field and laboratory applications. The electrodes are designed for easy field replacement and can be quickly calibrated with easy access two-point calibration potentiometers. Digital display, chemical resistant ABS plastic housings and probes that fold-away for protection make the POCKET PAL™ series ideal for portability and reliability.

The low cost PHH-81A is ideally suited for general pH measurements in field, plant, production line or laboratory environments.

The PHH-81A features manual temperature compensation and a standard BNC connector allowing for use with a wide variety of laboratory and industrial pH electrodes.

For versatility in the field or the laboratory, the PHH-60BMS/TDS and PHH80BMS/TDS feature the ability to make pH, conductivity and total dissolved solids measurements in one handheld instrument.

The PHH-60B measures pH from 0 to 14 and conductivity from 0 to 19,990 µmhos or ppm, and the PHH-80B extends the conductivity measuring range to 199,900 µmhos

or ppm. Recessed switches control all functions, and an easy access panel contains adjustments for pH calibration and slope, zero and span for conductivity. Features include automatic temperature compensation (ATC), detachable electrodes and integral benchtop stand.

The PHH-82B is a dual-function instrument that measures pH and ORP (oxidation-reduction potential). It is ideal for measurements of ORPs that are pH dependent. Applications include swimming pool maintenance, drinking water disinfection, chrome reduction and cyanide destruction of electroplating. Features include detachable electrodes and integral benchtop stand.

# DUAL pH/CONDUCTIVITY THE MOST POPULAR POCKET PAL™ METERS



PHH-60BMS  
£241



CDE-8236A, £45.50

PHH-60BMS, £241, shown smaller than actual size.

Detachable electrode, PHE-8200B, £52, on 1 m extension cables, PHE-8236B, £52

## Specifications

PHH-60BMS/TDS and PHH-80BMS/TDS

**pH Range:** 0 to 14

**Resolution:** 0.01 pH

**Accuracy:** ±0.02 pH

**Temperature Compensation:** Automatic 0 to 70°C

**Conductivity**

**Range:**

PHH-60BMS: 0 to 19,990 µmhos

PHH-60BTDS: 0 to 19,990 ppm

PHH-80BMS: 0 to 199,900 µmhos

PHH-80BTDS: 0 to 199,900 ppm

**Resolution:**

PHH-60BMS/TDS:

10 µmhos/ppm

PHH-80BMS/TDS:

Range 0 to 2000 1 µmhos/ppm;

0 to 20,000 10 µmhos/

0 to 200,000, 100 µmhos

**Accuracy:** ±2% of span

**Temperature Compensation:**

Automatic 0 to 50°C

**Power:** 9V battery (included)

**Dimensions:**

158.8 L x 31.8 D x 57.2 H mm

**Weight:** 241 g

**PHH-81A**

**Range:** 0 to 14 pH

**Resolution:** 0.01 pH

**Accuracy:** ±0.2 pH

**Connector:** BNC

**Temperature Compensation:**

Manual 0 to 100°C

**Dimensions:**

158.8 x 31.8 x 57.2 mm

**Weight:** 241 g

**Power:** 9V battery (included)

**PHH-82B**

**Range:** 0 to 14 pH, ±1000 mV ORP

**Accuracy:** ±0.02 pH; ±15 mV ORP

**Resolution:** 0.01 pH; 1 mV

**Automatic Temperature Compensation:** Automatic 0 to 70°C

**Power:** 9V battery (included)

**Dimensions:**

158.8 L x 31.8 D x 57.2 mm H

**Weight:** 241 g

☐ MOST POPULAR MODELS HIGHLIGHTED!

## To Order (Specify Model Number)

Model Number	Price	Description
PHH-60BMS	£241	pH/Conductivity meter, 0 to 14 pH, 0 to 19,990 µmhos
PHH-60BTDS	241	pH/Conductivity meter, 0 to 14 pH, 0 to 19,990 ppm
PHH-80BMS	275	pH/Conductivity meter, 0 to 14 pH, 0 to 199,900 µmhos
PHH-80BTDS	275	pH/Conductivity meter, 0 to 14 pH, 0 to 199,900 ppm
PHH-82B	312	pH and ORP, 0 to 114 pH, ±1000 mV
PHH-81A	133	General purpose pH meter, 0 to 14 pH

Each unit supplied with sensor(s), screwdriver, vinyl carrying case, battery and user's manual.  
**Ordering Example:** PHH-80BMS, pH/conductivity meter, 0 to 14 pH and 0 to 199,900 µmhos ranges, £275.

## Replacement Sensors and Accessories

Model No.	Price	Description
PHE-8200B	£52.00	PHH-60/80BMS/TDS replacement stick pH electrode w/ATC
PHE-8200D-BNC	57.00	PHH-60/80BMS/TDS replacement stick pH double junction electrode w/ATC
PHE-8236B	52.00	PHH-60/80BMS/TDS replacement pH electrode with 1m extension cable with ATC
CDE-8200A	45.00	PHH-60/80BMS/TDS replacement stick conductivity cell
CDE-8236A	45.50	PHH-60/80BMS/TDS replacement conductivity cell with 1 m extension cable
ORE-8200	67.00	PHH-82B ORP replacement stick electrode
PHEC-60B	25.50	PHH-60/80BMS/TDS 1 m pH extension triax cable
CDEC-60	12.75	PHH-60/80BMS/TDS 1 m conductivity extension cable
PHE-8200-BNC	33.00	Triaxial-to-BNC adaptor for PHH-60/80BMS/TDS
PHE-8100	40.00	PHH-81A replacement stick pH electrode
PHE-8136	41.00	PHH-81A replacement pH electrode with 1 m extension
FW-332	53.00	Reference Book: Advanced pH Measurement and Control

FLOW, LEVEL AND ENVIRONMENTAL



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Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

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#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

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#### BENELUX

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### • Heaters

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