

pH/MV BENCH METER



PHE-1411 electrode, £42.

Shown smaller than actual size.

PHB-209
£198



- ✓ Oriented for Simplicity—PHB-209 Was Built Around the Idea Of Simplicity with a Large LCD, Easy-to-Operate Knobs, and a pH/Temperature Chart on the Front Panel
- ✓ New Design—A New User-Friendly Design
- ✓ Manual Calibration—In Order to Illustrate the Calibration Process, Manual Potentiometers Allow the User to Adjust the Offset and Slope Characteristics

A new look, rugged ABS casing with sturdy knobs, and a reference chart for pH and temperature on the front panel make PHB-209 an ideal meter for all users. The keypad has membrane keys for changing the mode and knobs for slope and offset calibration. The pH offset and slope are manually adjustable in order to display the calibration concept and the electrode characteristics to the students. Measurements can be performed for pH with manual temperature

compensation as well as for REDOX (Reduction Oxidation Potential). The selected temperature is displayed to ensure better accuracy. The LCD displays the temperature comprehensively while manually compensating for its effects. Practicality, simplicity and comprehensive operating procedures in addition to an affordable price make this meter one of the most popular, basic pH meters available today. A rugged double-junction refillable pH electrode and 12 Vdc power supply are also included in the attractive pricing.

Specifications

Range: 0.00 to 14.00 pH; ± 1999 mV
Resolution: 0.01 pH; 1 mV

PHB-209 is supplied complete with combination double-junction refillable pH electrode BNC with 1 m cable, 12 Vdc adaptor, and instruction manual.

Accuracy (@ 20°C): ± 0.01 pH; ± 0.1 mV

Typical EMC Deviation: ± 0.03 pH; ± 2 mV

pH Calibration: Manual 2 points through offset and slope knobs

Temperature Compensation: Manual from 0 to 100°C

Electrode: Combination double-junction refillable pH electrode BNC with 1 m cable (included)

Input Impedance: 10^{12}

Power Supply: 12 Vdc adaptor (included)

Environment: 0 to 50°C; 95% R.H.

Dimensions: 240 L x 182 W x 74 mm D

Weight: 1.0 kg

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
PHB-209	£198.00	pH/mV benchtop meter includes pH electrode
PHE-1411	42.00	Double junction, plastic body, gel-filled combination pH electrode with 1 m cable
ORE-1411	61.00	Double junction ORP probe
PHA-77	23.50	Third arm electrode holder
PHA-4	3.40	4.00 pH buffer solution 475 ml bottle
PHA-7	3.40	7.00 pH buffer solution 475 ml bottle
PHA-10	3.40	10.00 pH buffer solution 475 ml bottle
PSU-UNIVERSAL	19.00	International AC adaptor
CM-4448	67.00	Reference Book: Rules of Thum for Chemical Engineers 

Comes complete with pH electrode, 110 Vac to 12 Vdc adaptor and operator's manual.

Ordering Example: PHB-209, pH/mV benchtop meter, PHA-4, 4.00 buffer solution, PHA-7, 7.00 buffer solution, £198 + 3.40 + 340 = £204.80.



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

www.omega.fr

088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic

596-311-899

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters