



pH FIELD & LAB INSTRUMENTS

Portable pH/mV Meters with ATC



pH and temperature probes and carrying case included

PHH-253-KIT
\$475



- ✓ LCD Meter Display
- ✓ pH or mV Indication
- ✓ Manual or Automatic Temperature Compensation
- ✓ One- or Two-Point Manual pH Calibration

OMEGA's PHH-253-KIT is ideal for quick and accurate measurement of pH and mV either in the field or in the laboratory. Supplied as a compact and portable kit, the PHH-253-KIT is perfect for transporting to on-site locations while keeping the equipment organized and ready for future use. The meter provides ± 0.02 pH accuracy of measurement with 0.01 pH and 1 mV resolution. pH calibration is manual using one or two points. The kit comes complete with meter, epoxy-bodied general purpose pH electrode, temperature probe, carrying case and user's manual.

Specifications

Measurement Range:

pH: 0 to 14
mV: ± 2000 (absolute)

Temperature: -100 to 100°C (-148 to 212°F)

Resolution:

pH: 0.01 pH units
mV: 1.0 mV
Temperature: 0.1°C

Accuracy:

pH: ± 0.02 pH units
mV: $\pm 0.05\%$ or 1 digit
Temperature: $\pm 0.3^\circ\text{C}$
pH Calibration: Manual, 1- or 2-point
Temperature Compensation:
Manual: 0 to 100°C (32 to 212°F)

PHH-253, \$475, shown smaller than actual size

Automatic: 0 to 100°C (32 to 212°F)
Power Supply: one 9 V battery (included)
Instrument Display: 12.7 mm (0.5") LCD
pH Electrode Connection: BNC

Temperature Probe Connection:

3 pole, 3.5 mm (0.138") diameter jack

Reference Electrode Connection:

4 mm (0.157") diameter

Meter Dimensions: 145 L x 81 W x 38 mm H (5.7 x 3.2 x 1.5")

Meter Weight (Including Battery):

272 g (9.6 oz)

To Order (Specify Model Number)

Model No.	Price	Description
PHH-253-KIT	\$475	pH meter with case, pH electrode and temperature probe

Includes meter, epoxy-bodied general purpose pH electrode, temperature probe, carrying case and operator's manual.

Ordering Example: PHH-253-KIT, portable pH/mV and temperature meter and PHE-4201, replacement electrode, \$475 + 51 = \$526.

Accessories

Model No.	Price	Description
PHE-4201	\$51	Clear, epoxy-bodied, gel-filled combination replacement electrode
ORE-1411	86	Double junction ORP probe
PHAT-253	80	Replacement temperature probe
FW-300	99.95	Reference Book: Water Wells and Septic Systems Handbook

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



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

Deckenfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

FRANCE

www.omega.fr

0800-466-342

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

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet 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