



## Microprocessor-Based Benchtop pH/mV Meters

PHB-357  
**\$995**



- ✓ Microprocessor-Based
- ✓ Splashproof Keypad
- ✓ Recorder Output
- ✓ Display Hold
- ✓ Automatic Buffer Recognition and Calibration
- ✓ Suitable for Ion Selective Measurements

The Model PHB-357 microprocessor-based, benchtop meter brings very accurate pH and mV measurements to the laboratory. Useful design features include automatic buffer recognition, automatic calibration, recorder output for permanent recordkeeping, splashproof keypad to prevent damage from spills, display hold function and 9V battery memory back-up. With 0.1 mV resolution, this versatile instrument can also perform ion selective measurements. It operates on either 115 Vac line power or a 9V battery. Supplied with the PHB-357 meter is an epoxy-bodied general purpose pH electrode, a temperature probe and an AC power adaptor.



PHB-357, \$995, shown smaller than actual size.

pH electrode and temperature probe included.

### Specifications

#### Measurement Range:

pH: 0 to 14  
mV:  $\pm 400$ ,  $\pm 2000$  (autorange)  
Temperature:  $-30$  to  $130^{\circ}\text{C}$  ( $-22$  to  $266^{\circ}\text{F}$ )

#### Resolution:

pH: 0.01 pH units  
mV: 0.1, 1.0 mV  
Temperature:  $0.1^{\circ}\text{C}$

#### Accuracy:

pH:  $\pm 0.02$  pH units  
mV:  $\pm 0.2\%$   $\pm 1$  digit  
Temperature:  $\pm 0.3^{\circ}\text{C}$   
pH Calibration: Automatic (buffers 4, 7 and 10 accepted)

#### Temperature Compensation:

Manual: 0 to  $99.9^{\circ}\text{C}$  ( $32$  to  $212^{\circ}\text{F}$ )  
Automatic: 0 to  $100^{\circ}\text{C}$  ( $32$  to  $212^{\circ}\text{F}$ )

#### Recorder Output:

0 to 200 mV  
Power Supply: 115 Vac or 9V battery (1) (included)

#### Instrument Display:

12.7 mm ( $\frac{1}{2}$ " ) LCD  
pH Electrode Connection: BNC

#### Temperature Probe Connection:

3 pole, 3.5 mm diameter jack

#### Reference Electrode Connection:

4 mm diameter

For a complete selection of compatible laboratory pH electrodes, see page C-13 of the GREEN BOOK® section of this handbook.

**Meter Dimensions:** 211 L x 150 W x 89 mm H (8.3 x 5.9 x 3.5")

**Meter Weight (Including Batteries):** 590 g (1.3 lb)

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model No.	Price	Description
PHB-357	\$995	Micro processor-based benchtop pH meter
PHE-4201	53	Replacement general purpose pH electrode
ORE-1411	91	Double junction ORP probe
MN1604	3	9V replacement battery
ES-2139	45	Reference Book: The Essential Guide to Environmental Chemistry

Comes complete with meter, epoxy-bodied general purpose pH electrode, temperature probe, ac adaptor, 9V battery, and operator's manual.

Ordering Example: PHB-357, microprocessor based benchtop pH/mV meter, \$995.

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