



Microprocessor-Based Benchtop pH/mV Meters

PHB-357



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



PHB-357 shown smaller than actual size.

pH electrode and temperature probe included.

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.

Specifications

Measurement Range:

pH: 0 to 14
mV: ± 400 , ± 2000 (autorange)
Temperature: -30 to 130°C (-22 to 266°F)

Resolution:

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

Accuracy:

pH: ± 0.02 pH units
mV: $\pm 0.2\%$ ± 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°C (32 to 212°F)
Automatic: 0 to 100°C (32 to 212°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
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)

To Order

Model No.	Description
PHB-357	Micro processor-based benchtop pH meter
PHE-4201	Replacement general purpose pH electrode
PHAT-3016	Replacement temperature probe
ORE-1411	Double junction ORP probe
MN1604	9V replacement battery

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.