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 backup. 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: ±0.2 % ±1 digit
- Temperature: ±0.3°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)

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)

Instrument Display: 12.7 mm (½”) LCD
pH Electrode Connection: BNC
Temperature Probe Connection:
- 3 pole, 3.5 mm diameter jack

To Order
<table>
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<tr>
<th>Model No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>PHB-357</td>
<td>Micro processor-based benchtop pH meter</td>
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<tr>
<td>PHE-4201</td>
<td>Replacement general purpose pH electrode</td>
</tr>
<tr>
<td>PHAT-3016</td>
<td>Replacement temperature probe</td>
</tr>
<tr>
<td>ORE-1411</td>
<td>Double junction ORP probe</td>
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<tr>
<td>MN1604</td>
<td>9V replacement battery</td>
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</tbody>
</table>

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.