



# pH FIELD & LAB INSTRUMENTS

## Portable pH/mV Temperature Meter

### PHH-103B



- ✓ Mounting Magnet on Back of Meter
- ✓ Splashproof Housing
- ✓ °C/°F Switchable
- ✓ Simultaneous Display of pH or mV and Temperature
- ✓ Automatic or Manual Temperature Compensation
- ✓ Auto Shut-Off after 10 Minutes of Non-Use
- ✓ Large 20 mm (0.8") High Digits for pH and mV

The PHH-103B is a portable, microprocessor-based temperature meter. Its rugged, splashproof housing makes it ideal for field applications. On its large, 2-line LCD, the PHH-103B can display pH/mV and temperature readings simultaneously. Up to 5 buffer values can be stored in memory, allowing for fast, accurate calibration. Calibration (1-point, 2-point, etc.) is user adjustable. The display will indicate the percentage of slope ("PTS") to show the status of the electrode after slope calibration. The PHH-103B also features a low-battery indicator and will automatically shut off after 10 minutes of non-use.



PHH-103B.



PHE-103B, replacement pH electrode and temperature probe set shown smaller than actual size.

### SPECIFICATIONS

Accuracy/Range/Resolution:

Measurement	Range	Resolution	Accuracy
pH	0 to 14	0.01	0.02
mV	±1999	1	2
mV	-200 to 500	0.1	2
Temp (°F)	32 to 212	0.1	0.5
Temp (°C)	0 to 110	0.1	0.3

**Temp Compensation:** ATC, 0 to 110°C (32 to 230°F) or MTC

**Calibration:** pH 4, 7, 10

**pH Connection:** Standard BNC connector, 100 mm (4.0") long probe, epoxy body, 1 m (3') long cable

**Temperature Sensor:** 30 K thermistor

**Power:** 9V battery (included); low-battery indicator

**Dimensions:** 108 H x 75 W x 30 mm D (4.3 x 2.9 x 1.2")

**pH/mV Display:** 20 mm (0.8") high

**Weight:** 135 g (0.3 lb) with battery

**To Order** Visit [omega.com/phh103b](http://omega.com/phh103b) for Pricing and Details

Model No.	Description
PHH-103B	Portable pH/mV/temp meter
PHE-103B	Replacement pH electrode with ATC and temperature probe
PHA-4	4.00 pH buffer solution 500 ml (1 pint) bottle
PHA-7	7.00 pH buffer solution 500 ml (1 pint) bottle
PHA-10	10.00 pH buffer solution 500 ml (1 pint) bottle
MN1604	Replacement 9V battery

Comes complete with hard carrying case, rubber boot, pH electrode, temperature probe, suction cup mounting hook, small suction cup electrode holder, 4 pH and 7 pH buffer solutions, 9V battery and operator's manual.

**Ordering Example:** PHH-103B, pH benchtop meter.