

HI2209

# pH Benchtop Meter

with Manual Temperature Compensation

- **Manual pH calibration**
  - This simple to use feature provides the ability to demonstrate the concept of offset and slope. It can be calibrated to any value within the measurement ranges and is less expensive than models with automatic calibration
- **Manual temperature compensation (MTC)**
  - MTC provides the ability to demonstrate the effect of temperature on pH measurement. It is simple to use and allows for different temperature corrections based on the sample being tested.
- **mV range**
  - These pH/mV meters can also measure ORP (oxidation reduction potential) or ion concentration (ISE) in the extended mV range with optional electrodes.
- **Large LCD**
  - The new, larger LCD is bright and easy to read.
- **Built-in solution holders**
  - These meters have solution holders built into the casing. This convenient feature saves space and prevents solutions from tipping over

The HI2209 pH/mV Meter with manual temperature compensation (MTC) provides a simple to use, cost effective method of measuring pH.

In order to achieve maximum accuracy, the HI2209 features manual pH calibration at one or two points. Manual calibration enables the user to select the instrument's calibration points closer to the desired range of measurement, making them ideal for applications that require custom calibration points. (In some applications, a standard calibration curve such as pH 7 or pH 4 is too far from the value of the sample to achieve the highest accuracy.



Specifications	HI2209	
pH	Range	0.00 to 14.00 pH
	Resolution	0.01 pH
	Accuracy	±0.01 pH
	Calibration	manual, one or two-point
	Temperature Compensation	manual from 0 to 100°C (32 to 212°F)
mV	Range	±1999 mV
	Resolution	1 mV
	Accuracy	±1 mV
Additional Specifications	pH Electrode	HI1332B PEI body pH electrode with BNC connector and 1 m (3.3') cable (included)
	Input Impedance	10 <sup>12</sup> Ohm
	Power Supply	12 VDC adapter (included)
	Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing
	Dimensions / Weight	235 x 222 x 109 mm (9.2 x 8.7 x 4.3") / 1.3 kg (2.9 lbs.)
Ordering Information	<b>HI2209-01</b> (115V) and <b>HI2209-02</b> (230V) are supplied with HI1332B pH electrode, 12 VDC adapter and quick reference guide with instrument quality certificate.	