



HI2210 • HI2211 pH Benchtop Meters

pH/mV and Temperature

- Automatic temperature compensation (ATC)
- Two-Point Calibration
- Simple to operate
- Calibration expiration reminder
- Reading stability indicator
- Measurement recall

The HI2211 and HI2210 are accurate and affordable benchtop pH and °C meters. The HI2211 can also be used to measure Oxidation Reduction Potential (ORP) in the mV range.

The calibration process is guided step-by-step through graphics shown on the LCD.

Designed to be easy to use, these instruments also feature a reading stability indicator used during calibration and a measurement recall function.

pH measurements for both instruments are compensated for the temperature effect manually or automatically with the HI7662 temperature probe. These instruments are also equipped with an easy-to-read LCD which shows both the primary reading and °C and provide a calibration expiration reminder.

Specifications	HI2210	HI2211	
pH	Range	-2.00 to 16.00 pH	-2.00 to 16.00 pH
	Resolution	0.01 pH	0.01 pH
	Accuracy	±0.01 pH	±0.01 pH
	pH Calibration	automatic, one or two-point with five memorized buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01)	
	Temperature Compensation	automatic or manual from -20.0 to 120.0°C	
mV	Range	–	±399.9 mV; ±2000 mV
	Resolution	–	0.1 mV; 1 mV
	Accuracy	–	±0.2 mV (±399.9 mV); ±1 mV (±2000 mV)
Temperature	Range	-9.9 to 120.0°C (14.2 to 248.0°F)	
	Resolution	0.1°C	0.1°C
	Accuracy	±0.4 °C	±0.4 °C
Additional Specifications	pH Electrode	HI1131B glass body pH electrode with BNC connector and 1 m (3.3') cable (included)	
	Temperature Probe	HI7662 stainless steel temperature probe with 1 m (3.3') cable (included)	
	Input Impedance	10 ¹² Ohm	
	Power Supply	12 VDC adapter (included)	
	Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Dimensions / Weight	240 x 187 x 74mm (9.4 x 7.1 x 2.9")		
Ordering Information	HI2210-01 (115V), HI2210-02 (230V), HI2211-01 (115V) and HI2211-02 (230V) are supplied with HI1131B pH electrode, HI7662 temperature probe, HI76404N electrode holder, HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, HI7082 3.5M KCL electrolyte solution (30 mL), HI700601 cleaning solution sachet, 12 VDC adapter and instructions.		

pH and ORP electrodes begin on page 3.77; pH and ORP solutions begin on page 3.100