

## Easy-to-Operate Precision pH Meters, Ideal for Quality Control



The pH 210 and pH 211 are advanced microprocessor based bench pH meters that are easy to operate, perfect for quality control laboratory applications.

pH 210 performs pH and temperature measurements, while pH 211 also measures in the mV range. Precise and inexpensive, these meters are ideal for a wide range of measurement applications.

Both instruments have 5 memorized buffers for calibration (pH 4.01, 6.86, 7.01, 9.18 and 10.01), and the automatic recognition system eliminates calibration error. The user is guided through the calibration process with simple instructions on the display.

Temperature compensation is automatic thanks to the probe supplied with the instrument, if necessary the user can also set temperature compensation manually. The large display shows pH (or mV) and temperature values simultaneously.

pH 211R is a separate model that also features 0-5 V analog output.



### Specifications

		pH 210	pH 211	pH 211R
Range	pH	-2.00 to 16.00 pH	-2.00 to 16.00 pH	-2.00 to 16.00 pH
	mV	—	±399.9 mV; ±2000 mV	—
	Temperature	-9.9 to 120.0°C	-9.9 to 120.0°C	-9.9 to 120.0°C
Resolution	pH	0.01 pH	0.01 pH	0.01 pH
	mV	—	0.1 mV; 1 mV	—
	Temperature	0.1°C	0.1°C	—
Accuracy (@20°C)	pH	±0.01 pH	±0.01 pH	±0.01 pH
	mV	—	±0.2 mV; ±1 mV	—
	Temperature	±0.4°C	±0.4°C	—
pH Calibration	automatic, 1 or 2 point with 5 memorized buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01)			
Temperature Compensation	automatic (with HI 7669/2W probe) or manual from -9.9 to 120°C			
Analog Output	—		0-5 V	
pH Electrode	HI 1131B, glass-body, double junction, refillable, BNC connector, 1 m cable (included)			
Temperature Probe	HI 7669/2W with 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%			
Dimensions	240 x 182 x 74 mm (9.4 x 7.2 x 2.9")			
Weight	1.1 kg (2.4 lb.)			

### Accessories

HI 1131B	Refillable pH electrode with BNC connector	HI 7010L	pH 10.01 buffer solution, 500 mL bottle
HI 7669/2W	Temperature probe	HI 77400P	pH 4 and pH 7 buffer sachets, 20 mL, 5 pcs. each
HI 76404	Electrode holder	HI 70300L	Electrode storage solution, 500 mL bottle
HI 7004L	pH 4.01 buffer solution, 500 mL bottle	HI 8427	pH/mV electrode simulator
HI 7007L	pH 7.01 buffer solution, 500 mL bottle	HI 93100I	pH/mV electrode simulator with display

### Ordering Information

pH 210, pH 211 and pH 211R are supplied complete with HI 1131B pH electrode, HI 7669/2W temperature probe, pH 4 and pH 7 buffer sachets (20 mL each), electrode refilling solution, electrode holder, 12 Vdc power adapter and instructions.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For pH and ORP electrodes, see section E. For accessories, see section U.