

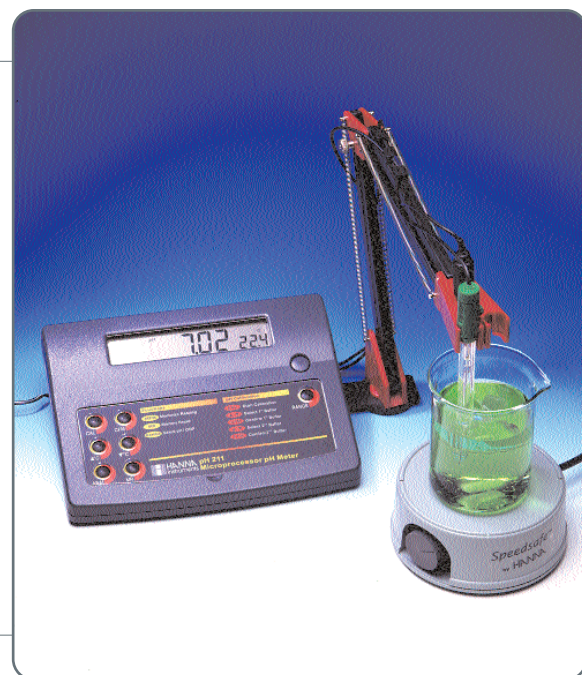
pH 210 • pH 211

Easy-to-operate Precision pH Meters, Ideal for Quality Control

Features ...

Combining the most frequently asked for parameters, the **pH 211** and **pH 211R** are the popular choice for laboratory bench top instruments around the world. You can measure pH directly, as well as millivolts for pH, Ion Specific Electrodes (ISE), and Oxidation Reduction Potential (ORP) electrodes. For added versatility **pH 211R** offers analog output of 0 to 5 V that represents the full pH and mV range. Temperature compensation, either automatic or manual, is your choice and easy to do. The instructions for calibration are presented in a step-by-step display with safeguards to prevent calibration errors.

When your need is solely to measure pH, the easy choice is **pH 210**. Calibration is just a few simple steps and is guided by graphics on the LCD. You can calibrate at 1 or 2 points by choosing any combination of the 5 buffer values in the meter's powerful memory. These meters offer the best value in bench top pH measurement today!



... and Benefits

Specifications		pH 210	pH 211	pH 211R
Range	pH	0.00 to 14.00		0.00 to 14.00
	mV	-		±399.9 (ISE); ±1999 (ORP)
	°C	0.0 to 100.0		0.0 to 100.0°C
Resolution	pH	0.01		0.01
	mV	-		0.1 (ISE); 1 (ORP)
	°C	0.1		0.1
Accuracy (@20°C/68°F)	pH	±0.01		±0.01
	mV	-		±0.2 (ISE); ±1 (ORP)
	°C	±0.5		±0.5
Typical EMC Deviation	pH	±0.03		±0.03
	mV	-		±2
	°C	±0.3		±0.3
pH Calibration		Automatic 1 or 2 points with 5 memorized buffers (pH 4.01, 6.86, 7.01, 9.18, 10.01)		
Temperature Compensation		Automatic (with HI 7669/2W probe) or manual from 0 to 100°C (32 to 212°F)		
Electrode		HI 1131B pH electrode, combination, glass, interchangeable, BNC connector, 1 m (3.3') cable (included)		
Temperature Probe		HI 7669/2W with 1 m (3.3') cable (included)		
Input Impedance		10 ¹² Ohm		
Analog Output		-		
Power Supply		12VDC (included)		
Environment		0 to 50°C (32 to 122°F); RH 95%		
Dimensions		240 x 182 x 74 mm (9.4 x 7.2 x 2.9")		
Weight		1.1 Kg (2.4 lb.)		

Ordering Information

pH 210 is supplied complete with **HI 1131B** interchangeable pH electrode, BNC, 1 m (3.3') cable, **HI 7669/2W** temperature probe, pH 4 and 7 calibration solutions, electrolyte solution, 12VDC adapter and instruction manual.

pH 211 is supplied complete with **HI 1131B** interchangeable pH electrode, BNC, 1 m (3.3') cable, **HI 7669/2W** temperature probe, pH 4 and 7 calibration solutions, electrolyte solution, 12VDC adapter and instruction manual.

pH 211R is supplied complete with **HI 1131B** interchangeable pH electrode, BNC, 1 m (3.3') cable, **HI 7669/2W** temperature probe, pH 4 and 7 calibration solutions, electrolyte solution, 12VDC adapter and instruction manual.

Accessories

HI 1131B	Combination pH electrode	HI 77400P	Cal. kit (pH 4 & 7, 20 mL, 5 pcs each)
HI 76404	Electrode holder	HI 70300L	Storage solution, 460 mL
HI 7004L	pH 4.01 buffer solution, 500 mL	HI 8427	pH and ORP electrode simulator
HI 7007L	pH 7.01 buffer solution, 500 mL	HI 931001	pH and ORP electrode simulator
HI 7010L	pH 10.01 buffer solution, 500 mL		

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