

pH 210

pH Bench Meter for Quality Control Applications



Description

The pH 210 is an advanced microprocessor based pH bench meter that is easy to operate, precise and inexpensive making it perfect for Quality Control laboratory applications, as well as a wide range of other measurement applications.

The pH 210 performs pH and temperature measurements, with 5 memorized buffers for pH 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 through the probe that is supplied with the instrument; if necessary the user can also set temperature compensation manually. The large display shows pH and temperature values simultaneously.

Specifications

Range	pH	-2.00 to 16.00 pH
Range	Temperature	-9.9 to 120.0°C
Resolution	pH	0.01 pH
Resolution	Temperature	0.1°C
Accuracy	pH	±0.01 pH
Accuracy	Temperature	±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	
pH Electrode	HI 1131B, glass-body, double junction, refillable, 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	
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.)	

Included Reagents

- HI 70004
- HI 70007
- HI 7071S
-- HI 7071

Accessories

Electrodes

HI 11X1 Series	Laboratory Combination pH and ORP Electrodes
HI 7669/2W	Temperature Probe
Solutions	
HI 7004L	4.01 pH Buffer Solution 1 x 500 mL bottle
HI 7007L	7.01 pH Buffer Solution 1 x 500 mL bottle
HI 7010L	10.01 pH Buffer Solution 1 x 500 mL bottle
HI 77400P	Combination pH Buffer Kit 4.01 & 7.01 pH
HI 70300L	Electrode Storage Solution 1 x 500 mL bottle
Accessories	
HI 8427	Precision Simulators for pH and mV Meters
HI 931001	Precision Simulators for pH and mV Meters
HI 76404	Electrode Holder

Order Info

pH 210 is supplied 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.