



Simple, easy-to-read user interface

Measure pH or ORP and Temperature simultaneously

AUTOLOCK feature for reliable measurements

Waterproof case

Single, dual, or three point calibration

Automatic or manual temperature compensation

The new SensoLab Series Benchtop pH/ORP Meter is the perfect solution for a range of applications from instructional chemistry laboratories to quality control testing. Our waterproof pH and ORP meter helpfully prompts you through the calibration and measurement procedures, and includes the optional AUTOLOCK feature to ensure repeatable and reliable pH and mV measurements. This versatile meter can be powered in two ways, either with 6 AAA batteries to save your valuable bench space or with an AC power cable. Use with any of our Laboratory pH Electrodes or ORP Sensors. Order temperature sensor TE-PM1000 for temperature compensation.



SPECS-PM1000-04252024

SPECIFICATIONS

pH Display	Range: -2.00 to 16.00 pH Resolution: 0.01 pH Accuracy: +/- 0.1 pH
mV Display	Range: -1999.9 to 1999.9 mV Resolution: 0.1 mV Accuracy: +/- 0.05% FS, +/- 1 digit
Temperature Display	Range: 0.0 to 100.0 C Resolution: 0.1 C Accuracy: +/- 0.2 C
pH Buffer Recognition	pH 7.00, 4.01, 10.01 or pH 6.86, 4.00, 9.18
pH Temperature Compensation	AUTO / MAN 0.0 C to 100.0 C
pH Buffer Temperature Range	0.0 C to 60.0 C
pH Electrode Offset Recognition	+/- 100 mV at pH 7.00 or +108.3/-91.7 mV at pH 6.86
pH Electrode Slope Recognition	+/- 30% at pH 4.00, 4.01, 9.18, and 10.01
Input Impedance	> 10 ¹² Ω
Temperature Sensor	Thermistor, 10 kΩ at 25 C
Power	6x 1.5V AAA Batteries or 115/230 AC adapter
Calibration Back-up	EEPROM
Audio Feedback	All Touch Keys
End Point Sensing & Hold	Yes
Display (pH/mV : Temperature)	22 mm : 14.5 mm high LCD
Ambient Temperature Range	0 to 50 C
Relative Humidity	up to 90%
Case	IP54



ORDERING INFORMATION

Part Number	Description
Model:	
PM1000	Sensolab Benchtop pH/ORP Meter
Electrodes:	
S150C/BNC	Polycarbonate Laboratory pH Sensor
S200C/BNC	Extended Life Laboratory pH Sensor
S350CD/BNC	Flat Tip pH Electrode
S175CD/BNC	Spear Tip pH Electrode
S1021CD/BNC	Research-Grade pH Sensor (Refillable)
S293C/PM1000	3-in-1 pH/Temperature sensor for use with PM1000 only
S150C-ORP/BNC	Polycarbonate Laboratory ORP Sensor
S550CD-ORP/BNC	Extended Life ORP Sensor
Accessories:	
B130	pH buffer kit, 1 pint each pH4.01, 7.00 & 10.00
ES100	Electrode Stand, weighted base, holds 5 standard 12mm electrodes.
TE-PM1000	Temperature sensor, Stainless steel, 10K NTC, 3ft cable, 8-PIN DIN connector