



PM1000 SENSOLAB BENCHTOP PH/ORP METER PRODUCT SPECIFICATION SHEET



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.



DESIGNED AND ASSEMBLED IN CALIFORNIA, USA

11751 MARKON DRIVE • GARDEN GROVE, CA 92841 • 714.895.4344 • WWW.SENSOREX.COM

© Sensorex Corporation. All rights reserved. In the interest of improving and updating its equipment, Sensorex reserves the right to alter specifications to equipment at any time.

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:

pH1000 Polycarbonate Laboratory pH Sensor

pH2000 Extended Life Laboratory pH Sensor

pH2100 Flat Tip pH Electrode

pH2200 Spear Tip pH Electrode

pH3000 Research-Grade pH Sensor (Refillable)

S293C/PM1000 3-in-1 pH/Temperature sensor for use with PM1000 only

ORP1000 Polycarbonate Laboratory ORP Sensor

ORP2000 Extended Life ORP Sensor

ORP3000 Research Grade ORP Electrode

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, m 10K NTC, 3ft cable, 8-PIN DIN connector