



Series
PHO-1

pH/ORP/Temperature Meter

0 to 14 pH, Automatic Temperature Compensation, Data Logging



The microprocessor based pH/ORP/Temperature Meter offers quick response and high accuracy. Simultaneously measure and display pH from 0 to 14 pH (0 to 1999 mV) and temperatures up to 200°F (100°C). Model PHO-1 meter features manual or automatic temperature compensation, auto buffer recognition, and data logging capabilities, and the recording interval can be defined by the user. The Model PHO-1 accepts any pH electrode with a BNC connector.

For additional convenience, select model PHO-1K kit, which contains a meter, RS-232 cable, batteries, software, pH electrode, temperature probe, gender changer, carrying case and manual.

SPECIFICATIONS

Measurement	Range	Resolution	Accuracy
pH	0 to 14 pH	0.001 pH	±0.01 pH
mV	0 to 600 mV 601 mV to 1999 mV	0.1 mV	±(0.05% + 1 digit)
Temp (°C)	0 to 100°C	0.1°C	±0.5°C
Temp (°F)	32 to 200°F	0.1°F	±0.9°F

SPECIFICATIONS

Input: pH electrode with BNC connector, temperature probe.

Range: pH: 0.00 to 14.00 pH; mV: 0 to 1999 mV.

Temperature: 32 to 200°F (0 to 100°C).

Operating Temperature: 32 to 122°F (0 to 50°C).

Compensated Temperature Limit: Manual (MTC): 32 to 200°F (0 to 100°C); Automatic (ATC): 32 to 200°F (0 to 100°C).

Operating Humidity: Max. 80% RH.

Sampling Rate: About 1.5 time/sec.

Power Requirements: (6) AA alkaline batteries, included, user replaceable.

Battery Life: Approximately 120 hours.

Power Current: Approximately 20 mA DC.

Data Output: RS-232 PC serial interface.

Dimension: 7.4" x 2.9" x 2" (187 x 73 x 53 mm).

Weight: 1 lb (.45 kg) meter only.

Agency Approvals: CE.

Model PHO-1, pH/ORP/Temperature Meter

Model PHO-1K, pH/ORP/Temperature Kit

TEST EQUIPMENT

pH/ORP Temperature Meters