

# pH 1970i Portable pH Meter

Portable Waterproof pH Meter with Rubberized Housing



## Description

The accurate and field-friendly pH 1970i Portable pH Meter features a shock absorbing housing that is not only waterproof (IP67) but will actually float. In addition, the meter's convenient carrying handle doubles as a meter stand for benchtop use. The pH 1970i displays pH/temperature or mV/temperature simultaneously, which makes taking your pH readings easy. With its GLP memory functions, real-time clock, 800 data point memory capacity, and convenient carrying handle, the pH 1970i is a complete pH measuring system. The standard BNC electrode connector allows you to quickly connect one of the waterproof SenTix® electrodes listed below, or you can use your own existing pH probe.

The pH 1970i ships complete with NiMH rechargeable batteries, dual-voltage 110/220 VAC adapter, and neck strap. A pH probe is not included with the unit. Choose from one of the two waterproof pH electrodes listed below or call us if you need a special purpose electrode.

## Features

- Waterproof rubberized housing
- Record readings to the built-in memory
- Doubles as a bench top meter

## Specifications

Range	pH: -2.00 to 16.00 mV: $\pm 1250$ Temperature: -5.0 to 99.9°C
Resolution	pH: 0.01 mV: 1 Temperature: 0.1°C
Accuracy	pH: $\pm 0.01$ , $\pm 1$ digit mV: $\pm 2$ , $\pm 1$ digit Temperature: $\pm 0.1$ , $\pm 1$ digit °C
Temperature Compensation	Automatic, -5 to 99.9°C (with ATC probe)
Buffer Recognition	2.00, 4.01, 7.00, 10.01; and pH 1.979, 4.008, 6.865, 9.18
Datalogging	50 data sets
Output	RS-232
Display	Multi-line LCD
Power	110/220 VAC adapter
Battery Life	Up to 1500 hrs
Dimensions	9 x 7-1/4 x 3-1/2" (22.9 x 18.4 x 8.9 cm)
Weight	3.3 lbs (1.5 kg)
Certifications	CE

## Ordering & Options\*

Order No.	Description
pH1970i	Portable, Waterproof pH Meter w/Universal Power Supply
SenTix41	Plastic Body Electrode with Temperature Sensor
SenTix22	Plastic Body, Gel Filled, BNC Connector, 3' Cable

\* Buffers with values of 2.00, 4.01, 7.00, 10.01 are standard US buffers. Buffers with values of 1.679, 4.008, 6.865, 9.18 are NIST buffer values. A pH probe must be ordered separately.



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