



a xylem brand



Parameters:

pH
mV (ORP/Redox)
Temperature

EcoSense pH1000A Laboratory Benchtop Meter

Single channel meter for measurement of pH, mV (ORP)

The EcoSense® pH1000A benchtop meter is the ideal laboratory instrument for reliable measurements. It is an accurate, easy-to-use solution for the measurement of pH/mV/ORP in the laboratory.

Repeatable/Efficient - the instrument's automatic lock mode and end point sensing feature will lock in stable measurements for improved repeatability.

Convenient/Reliable - simple calibration with automatic buffer recognition and calibration data is stored in memory.

- Single measurement of pH, mV (ORP) and temperature
- Large, high contrast, LCD display; displays pH/mV and temperature simultaneously
- Simple calibration with automatic buffer recognition
- Automatic/manual temperature compensation
- Automatic lock mode and end point sensing feature will lock in stable measurements
- 1 year warranty on instrument



EcoSense pH1000A Instrument-only Specifications

	Range	Resolution	Accuracy
pH	-2.0 to 16.0 pH units	0.01 pH units	±0.01 pH units
mV	-1999.9 to 1999.9 mV	0.1 mV	±0.05% FS ±1 digit
Temperature	0.0 to 100°C (32.0 to 212°F)	0.1°C	±0.2°C System Accuracy (instrument, sensor, cable) ±0.2°C +1 LSD

EcoSense pH1000A General Specifications

Display	Graphic LCD display, 93 mm wide x 58 mm high
pH Buffer Recognition	US (pH 4.01, 7.00, 10.01) or NIST (pH 4.00, 6.86, 9.18), user selectable
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
pH Temperature Compensation	Automatic/Manual 0.0 to 100°C
Input Impedance	>10 ¹² Ω
Temperature Sensor	Thermistor, 10 kΩ at 25°C
Operating Temperature Range	From 0 to 50°C
Relative Humidity	up to 90%
Power	6 x 1.5 Volt AA batteries or the included power supply
Weight	590 grams (1.3 lbs) with batteries installed; 450 grams (0.99 lbs) without batteries installed
Dimensions	155 L x 195 W x 52 H mm (6.10 x 7.68 x 2.05 in)
Certifications	CE, cETLus; electrical protective class III
Warranty	1 year
Audio Feedback	All touch keys
End Point Sensing & Hold	Yes

EcoSense pH1000A Ordering Information

601100	pH1000A - pH/mV (ORP) lab instrument with power supply
601101	pH electrode with 1 meter cable
601102	pH/ATC (Automatic Temperature Compensation) combination probe with 1 meter cable; features a built-in temperature sensor
601103	Temperature probe with 1 meter cable
601104	pH1000A lab instrument with electrode stand
601105	pH1000A lab instrument with electrode stand and pH electrode
601106	pH1000A lab instrument with pH electrode
601112	Replacement pH1000A power supply*
601113	pH1000A electrode stand
605376:115-1	ORP electrode

* Power supply comes with the instrument

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