



EcoSense[®] pH1000A

LABORATORY BENCHTOP INSTRUMENT



The EcoSense[®] pH1000A benchtop instrument provides accurate measurements at an affordable price. The instrument features an easy-to-use interface and 1, 2, or 3 point pH calibration. In addition to pH, the pH1000A also measures ORP (mV) and temperature.

Repeatable/Efficient - the auto stable feature will hold stable measurements on the display, resulting in precise, repeatable, and error-free measurements.

Convenient/Reliable - simple calibration with automatic buffer recognition. Calibration is stored and the electrode efficiency can be viewed at any time.

- Large, high-contrast LCD display
- Displays pH/mV and temperature simultaneously
- Automatic/manual temperature compensation
- BNC input allows for any pH or ORP electrode with BNC to be connected



EcoSense® pH1000A Instrument-only Specifications

	Range	Resolution	Accuracy
pH	-2.0 to 16.0 pH units	0.01 pH units	±0.01 pH units
ORP (mV)	-1999.9 to 1999.9 mV	0.1 mV	±0.05% FS ±1 mV
Temperature	0.0 to 100°C	0.1°C	±0.1°C System Accuracy (instrument, sensor, cable): ±0.2° + 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 Temperature Compensation	Automatic/Manual 0.0 to 100°C
Temperature Sensor	Thermistor, 10 k Ω at 25°C
Operating Temperature Range	From 0 to 50°C
Power	6 x 1.5 Volt AA batteries or AC power supply (included with instrument)
Weight	590 grams with batteries installed; 450 grams without batteries installed
Dimensions (WxDxH)	155 mm x 195 mm x 52 mm
Certifications	CE, cETLus; electrical protective class III
Warranty	1 year on the pH1000A meter, 6 months on pH1000A cable/sensor assemblies
Audio Feedback	All touch keys
Auto Stable & Measurement Hold	Yes
Connection	BNC for pH and ORP (mV) electrodes; unique connection for temperature (see note below)

EcoSense® pH1000A Ordering Information

601100	pH1000A - pH/ORP/mV lab instrument with power supply
601101	1101 pH electrode with 1 meter cable
601102	1102 pH/ATC (Automatic Temperature Compensation) combination electrode with 1 meter cable
601103	1103 Temperature probe with 1 meter cable
601104	pH1000A-01 Kit - pH/mV/Temperature benchtop lab instrument with electrode stand
601305	pH1000A-02 Kit - pH/mV/Temperature benchtop lab instrument with 1102 pH/temp electrode and electrode stand
601306	pH1000A-03 Kit - pH/mV/Temperature benchtop lab instrument with 1102 pH/temp electrode
601113	pH1000A electrode stand
605376	115-1 ORP electrode

Note: The pH1000A features a BNC connector for pH and ORP electrodes. Any pH or ORP electrodes with a BNC connection can be used. The temperature connector is unique to the pH1000A, therefore use a 1102 or 1103 for temperature compensated measurements.





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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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