

pH10A Handheld pH Meter

Pen style pH meters for easy field measurements



- Graphic display with on-screen instructions
- 50-set memory (pH, temp, date and time stamp)
- Automatic calibration and buffer recognition
- IP67 waterproof housing
- User-replaceable single- or double-junction electrodes

Description

The EcoSense pH10A pen-style handheld pH meters provide the ultimate feature set over similar competitive models. The pH meters feature an easy-to-use graphic interface, simple one-hand operation, memory, and low cost of ownership over the life of the product. The easy, user-replaceable pH electrode ensures the instrument is always ready for use. Featuring advanced microprocessor technology, the meters offer automatic calibration (to values of 4, 7, or 10.01) and options such as automatic temperature compensation (ATC). They are IP67 rated for wet environments. The meter can save up to 50 readings even if the power is lost. It also has data hold, auto shut-off, and low battery features. The pH meters are ideal for aquaculture/aquariums, surface water, agriculture/hydroponics, pools/spas, and wastewater applications. This line of handheld pH meters comes with a one year instrument warranty and a six-month electrode warranty.

Specifications

pH Range: 0.00 to 14.00 units
Temperature Range: 32.0 to 212 °F (0 to 100 °C)
pH Resolution: 0.01 units
Temperature Resolution: 0.2 °F (0.1 °C)
pH Accuracy: ±1 unit within 10 °C of calibration, ±0.2 unit within 20 °C
Temperature Accuracy: ±0.6 °F (±0.3 °C)
ATC Probe: Thermistor, 10kw at 25 °C
pH Temperature Compensation: Auto 32.0 to 212 °F (0.0 to 100.0 °C)
pH Buffer Recognition: USA (4.01, 7.00, & 10.01) or NIST (4.01, 6.86, & 9.18)
pH Calibration Temperature: 32.0 to 140.0 °F (0.0 to 60 °C)
pH Offset Recognition: ±90 mV at pH 7.00 or +98.3 mV / -81.7 mV at pH 6.86
pH Slope Recognition: ±30% at pH 4.00, 4.01, 9.18, or 10.01
Data Memory: Non-volatile; 50 sets (pH, temperature, date and time stamp); erase all data function
Operation Temperature Range: 32.0 to 122.0 °F (0.0 to 50.0 °C)
IP Rating: 67
Power: Four LR44 button batteries
Battery Life: 200 hours or greater (low battery indicator)
Size: 0.9x7.4x1.8 inch (23x188x46mm)
Weight: 3.7oz (105g)

Options and Accessories

pH10A Handheld pH Meter

Includes 606110 electrode, batteries, and instruction manual.

606110 Spare pH10A Single Junction Electrode

605116 Spare pH10A Double Junction Electrode



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