

FIELD Environmental Instruments

Equipment Rental and Field Supplies

OAKTON

Waterproof pH 310 Meter

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The Oakton pH 310 meter meets IP67 ratings for dustproof and waterproof ingress protection. The built-in real-time clock stamps stored readings and calibration data with date and time, which meets most Good Laboratory Practice standards. Setup mode allows meter parameters to be customized.

FEATURES

- Stores and recalls 50 sets of pH, mV or relative mV readings with temperature
- Real-time clock stamps stored data and calibration data with date and time
- Push-button pH calibration at up to six points
- Selectable buffer sets: NIST, DIN and Standard US buffers
- Advanced set up mode lets you check electrode slope/offset, view previous calibration data and more
- Features selectable automatic endpoint to freeze reading when stable °C/°F selectable
- Selectable Manual or Automatic Temperature Compensation
- Easy to clean housing
- Auto buffer recognition; Hold function; "Ready" indicator; Error messages; Auto-off function

SPECIFICATIONS

Measures:	pH, mV, relative mV, °F, °C
pH Range:	-2.00 to 16.00 pH
pH Resolution:	0.01 pH
pH Accuracy:	±0.01 pH
pH Calibration:	Up to 6 points, select from 3 sets USA: 1.68, 4.00, 7.00, 10.00, 12.45; NIST: 1.68, 4.01, 6.86, 9.18, 12.45; DIN: 1.09, 2.06, 4.65, 6.79, 9.23, 12.75
mV Range:	-2000 to +2000 mV
mV Resolution:	0.1 mV ±199.9 mV, 1 mV beyond
mV Accuracy:	±0.2 mV ±199.9 mV, ±2 mV beyond
mV Calibration:	Offset up to ±2000 mV
Temperature Range:	0.0 to 100.0°C, 32.0 to 212.0°F
Temperature Resolution:	0.1°C, 0.1°F
Temperature Accuracy:	±0.5°C, ±0.5°F
Temperature Calibration:	Offset 0.1° increments
ATC:	Manual or automatic from 0.0 to 100.0°C
Power:	4 1.5 V AA batteries, 100 hours continuous use
Memory:	Up to 50 sets with temperature, date, and time
Real Time Clock:	Yes
Dual Display:	Yes
Dimensions:	7.5" x 3.5" x 1.75" (19 x 9 x 4.5 cm)
Shipping weight:	1.3 lb (0.6 kg)

	pH	mV	Temperature
Range	-2.00 to 16.00 pH	±2000 mV (or rel. mV)	0.0 to 100C / 32F to 212 F
Resolution	0.01 pH	0.1 mV from ±199.9 mV; 1mV beyond	0.1C / 0.1F
Accuracy	±0.01 pH	±0.2 mV from ±199.9 mV; 2 mV beyond	± 0.5C / ±0.5F
Calibration	up to 6 points:select from USA, NIST or DIN sets	offset up to ±150 mV	offset 0.1C / 0.1F increments

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