

pH/mV/ISE Temp. Meter



PC compatible
via USB

what is Calibration
Check™ from Hanna??

Proper calibration of the pH meter and pH electrode system is critical to achieve reliable results. HANNA's exclusive Calibration Check™ System help users reach that goal by:

1) Compares new calibration to previous one. If significant difference, message alerts user to either clean electrode, check buffer or both.

2) The condition of electrode is shown on the display to track aging.

Message alert when: - measurements are taken too far from calibration points
- calibration has expired;
(avoids readings with old calibrations)

- Ideal under harsh industrial conditions
- 5 Point calibration w/ a choice of buffers
- Accurate calibration w/ a backlit LCD
- Auto HOLD to freeze display readings
- Relative mV measurements
- Calibration Check™ & Electrode Diagnostics alerts user to clean electrode or if outside selected calibration
- “Outside Calibration Range” and “Calibration Time Out” warning
- M111043 & M111044 accepts ISE electrodes, displayed as ppm; Ion change capability & ISE calibration (up to 5 solutions); very useful for large range of concentration solutions measurements
- M111044 has 2 input channels for simultaneous measurements
- GLP to view last calibration data for pH, Rel mV or ISE

		M111042	M111043	M111044
pH	Range:	-2.0 to 20.0; -2.00 to 20.00; -2.000 to 20.000		
	Resol.:	0.1; 0.01; 0.001		
	Accuracy:	±0.01; ±0.002		
mV	Range:	±2000		
	Resol.:	0.1		
	Accuracy:	±0.2		
Temp.	Range:	-20.0 to 120.0 (C°)		
	Resol.:	0.1 (C°)		
	Accuracy:	±0.2 (C°)		
ISE	Range:	1 x 10 ⁻³ -1 x 10 ⁵	1 x 10 ⁻⁷ to 9.99 x 10 ¹⁰	
	Resol:	3 Digits 0.01; 0.1; 1; 10 Concentrate		
	Accuracy:		±0.5% of Reading (Monovalent Ions) ±1% of Reading (Divalent Ions)	
Calibration:	pH:	Up to 5 Point, 7 Standard Buffers + 5 Custom Buffers		
	ISE:		Up to 2 Points, 6 Solutions (0.1, 1, 10, 100, 1000, 10000 rpm)	Up to 5 Point, 6 Solutions (In Units Selected)
Log-on-Demand:		200 Samples	300 Samples	400 Samples
Dimensions Weight:		235 x 207 x 110 mm (9.2 x 8.14 x 4.33 in.) / 4.1 lbs.		



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