

Inexpensive and easy to use – a real best seller

One of our best selling portable pH meters, the HI-8424 comes complete with pH electrode and temperature sensor.

Main Benefits

Wide range of features offers all most users need in a pH meter:

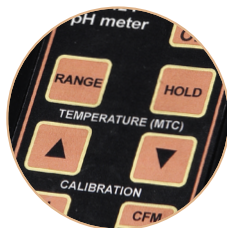
- Automatic buffer recognition and calibration
- Automatic temperature compensation
- 0.01pH resolution across pH scale
- Easy to use without constant reference to instruction manual

Supplied with

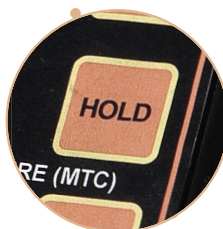
HI-7662 Temperature Probe



HI-1230B pH Electrode



Keyboard sealed against water and dirt



HOLD function freezes readings for manual recording



Automatic buffer recognition



Auto-shut off

Product Specifications

Product Code	HI-8424	
Range	pH	-2.00 to 16.00 pH
	mV	±699.9 mV; ±1999 mV
	Temperature	-20.0 to +120.0°C
Resolution	pH	0.01 pH
	mV	0.1 mV; 1 mV
	Temperature	0.1°C
Accuracy	pH	±0.01 pH
	mV	±0.2 mV; ±1 mV
	Temperature	±0.4°C
pH Calibration		automatic, 1 or 2 point with 3 memorized buffer values (4.01, 7.01, 10.01)
	Offset Calibration	±1 pH
	Slope Calibration	75 to 110%
Input Impedance	1012 Ohm	
Temperature Compensation	Automatic, -20 to 120°C or manual without temperature probe	
pH Electrode	HI 1230B, double junction, gel filled PEI (PolyEther-Imide) body, BNC connector, 1m cable (included)	
Temperature Probe	HI 7669AW with 1 m cable (included)	
Battery Type / Life	1 x 9V / approx. 150 hours of continuous use; auto-off after 20 minutes of non-use or disabled (user-selectable)	
Environment	0 to 50°C ; RH max 100%	
Dimensions	164 x 76 x 45 mm	
Weight	180 g	

Product Uses



Routine laboratory



Excellent for use in schools and colleges



Industrial applications



Research and field testing



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.