

# Splashproof, Portable pH, mV & °C Meter from HANNA

# HI-8424

## Inexpensive and easy to use – a real best seller

### Key Features



Keyboard sealed against water and dirt



HOLD function freezes readings for manual recording



Automatic buffer recognition



Auto-shut off

### Product Uses



Routine laboratory



Excellent for use in schools and colleges



Industrial applications



Research and field testing

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



### 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	1 x 9V	
Battery Life	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	



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