



HI 9124, HI 9125 and HI 9126
PORTABLE pH METERS



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The HI 9124, HI 9125 and HI 9126 are the next generation in professional, accurate, easy-to-use pH meters that are designed to provide laboratory results in a sleek, portable design.

The HI 9124 and HI 9125 are heavy-duty, waterproof pH meters that provide laboratory results and accuracy under harsh industrial conditions. HI 9125 can utilize ORP (Oxidation Reduction Potential) electrodes.

The HI 9126 includes all of the features of the HI 9125 but includes HANNA's exclusive Calibration Check™ technology and a backlit LCD. Calibration Check™ monitors the pH bulb and reference junction of the electrode every time the instrument is calibrated. In the event of a dirty pH bulb, Calibration Check™ prompts the user that additional cleaning may be needed.

Each of these models use the HI 1230B double junction pH electrode. The double junction helps to minimize junction contamination for accurate, consistent results.

FEATURES

- **Exclusive Calibration Check™**
(HI 9126 only)
- **Electrode condition monitoring**
(HI 9126 only)
- **Backlit LCD Display**
(HI 9126 only)
- **Waterproof**
- **Multi-level LCD display**
- **Up to 7 standard buffers for calibration and 2 custom buffers**
- **User-selectable "calibration time out"**
- **Automatic calibration**
- **Automatic Temperature Compensation**
- **BEPS**

The meters display the current measurement simultaneously with the current temperature. A quick-guide is also displayed to aid users in instrument operation.

BEPS (Battery Error Prevention System) alerts the user in the event that low battery power could adversely affect readings.

- **Battery % displayed on startup.**



B.E.P.S. ±
Battery Error
Prevention System

2 YEAR
WARRANTY

ISO 9001:2000
CERTIFIED
COMPANY

**WE DESIGN, MANUFACTURE, SUPPLY AND SUPPORT
ALL OF OUR PRODUCTS.**

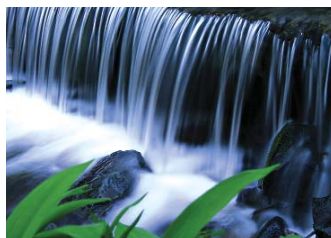
THAT'S 360° VALUE

Over the past 30 years, **HANNA** has never failed to design fresh and innovative products and the HI 9124, HI 9125 and HI 9126 are no exception. We are excited to introduce such high accuracy and ease of use in a compact, modern design that fits right in your hand.

HANNA is the largest family-owned manufacturer of analytical instrumentation in the world. These instruments are manufactured in our European state-of-the-art ISO 9001:2000 production facility and is CE compliant to EN 61326-1 and EN 61010-1 standards.

When you buy a **HANNA** product, you're not only buying the best value for your money, but you're also adding the benefit of **HANNA's** unsurpassed customer service and post-sale technical support.

pH Electrode, Temperature Probe, Starter Solutions and Carrying Case Included!



HI 1230B pH ELECTRODE

- **Rugged pH probe**

The advanced thermoplastic body is built for rugged environments and every day use.

- **Resists contaminants by design**

The HI 1230B's double junction minimizes electrode contamination leading to accurate, consistent results and extended electrode life.

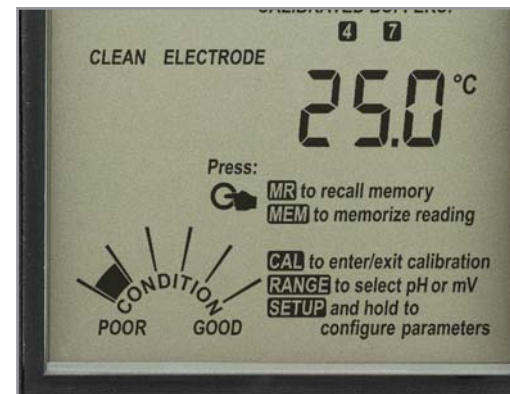
HI 9126 EXCLUSIVE CALIBRATION CHECK™ SYSTEM

Each time pH calibration is performed, the meter internally compares the new calibration with the one previously stored. When this comparison indicates a significant difference, the clean message blinks on the LCD to advise the user that the pH electrode may need to be cleaned and another calibration will need to be performed.

EXPIRED CALIBRATION

The meter is provided with a real time clock (RTC) in order to monitor the time elapsed since the last pH calibration.

The RTC is reset every time the meter detects a calibration time-out. The CAL tag will start blinking to warn the user that the meter should be calibrated.



SPECIFICATIONS		HI 9124	HI 9125	HI 9126
Range	pH		-2.00 to 16.00 pH	
	mV	–	±699.9 mV; ±1999 mV	
	Temperature		20.0 to 120.0°C / -4.0°F to 248.0°F	
Resolution	pH		0.01 pH	
	mV	–	0.1 mV; 1 mV	
	Temperature		0.1°C / 0.1°F	
Accuracy (@20°C)	pH		±0.01 pH	
	mV	–	±0.2 mV; ±1 mV	
	Temperature		±0.4°C / ±0.8°F	
Calibration Check		–	–	Yes, check of the electrode status during calibration
pH Calibration		automatic, 1 or 2 point with 5 standard buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01)		automatic, 1 or 2 point with 7 memorized buffer values (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) + 2 custom buffers
Offset Calibration		±1 pH		
Slope Calibration		From 80 to 108%		
Temperature Compensation		automatic or manual, -20 to 120°C (-4 to 248°F) without temperature probe		
pH Electrode		HI 1230B, double junction, PEI body, gel filled, BNC connector and 1 m (3.3') cable (included)		
Temperature Probe		HI 7662 with 1 m (3.3') cable (included)		
Input Impedance		10 ¹² Ohm		
Battery Type / Life		(4) 1.2V AAA rechargeable / approx. 200 hours of continuous use (with backlight off); auto-off after 20 minutes of non-use (can be disabled)		
Environment		0 to 50°C (32 to 122°F); RH max 100%		
Dimensions / Weight		192 x 71.6 x 36 mm (7.5 x 2.8 x 1.4") / 425 g (15 oz.)		

ORDERING INFORMATION

HI 9124, HI 9125 and **HI 9126** are supplied with HI 1230B combination double-junction, gel-filled pH electrode, HI 7662 stainless steel temperature probe with 1 m (3.3') cable, starter set of calibration solution sachets, 100 mL plastic beaker, (4) 1.2 AAA batteries, instructions and carrying case.

ELECTRODES

HI 1230B pH electrode, double junction, PEI body, BNC connector, 1 m (3.3') cable

HI 3230B ORP electrode, gel filled, PEI body, with platinum sensor, BNC connector, 1 m (3.3') cable
HI 7662 Temperature probe

SOLUTIONS

HI 5004L pH 4.01 buffer solution, 500 mL
HI 5007L pH 7.01 buffer solution, 500 mL
HI 5010L pH 10.01 buffer solution, 500 mL
HI 70300L Electrode storage solution, 500 mL
HI 7061L Electrode cleaning solution, 500 mL



SPECIFICATIONS		HI1230B
Description		Combination pH electrode
Reference		Double, Ag/AgCl
Junction		Ceramic, single / 15-20 µL/H
Electrolyte		Gel
Max Pressure		2 bar
Range		pH: 0 to 13 T: 0 to 80°C (32 to 176°F)
Tip /Shape		Spheric (dia: 7.5 mm)
Temperature Sensor		No
Amplifier		No
Body Material		PEI
Connection/Cable		Coaxial; 1 m (3.3')*
Recommended Use		Field applications

HANNA[®]
instruments
 With Great Products, Come Great Results™

W W W . H A N N A I N S T . C O M