HI 9126 · HI 9125 · HI 9124

Portable pH Meters

with Large Display



30 years HANNA instruments
Tradition :: Quality :: Value
1978 :: 2008

ISO 9001:2000 Certified

HANNA® instruments
With Great Products, Come Great Results™

www.hannainst.com



Shown Actual Size

HI 9126

Calibration Check™ pH/ORP Meter

The HI 9126 is the next generation in professional, accurate, easy-to-use pH meters. Designed to provide laboratory results in a sleek, portable design. The HI 9126 features HANNA's exclusive Calibration Check™ technology. 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.

The extended multi-level LCD displays pH and temperature (°C or °F) readings simultaneously, while also displaying the electrode status and operational guides. The HI 9126 helps users through the calibration process with clear on-screen messages. The meter features a series of diagnostic features to improve measurement consistency and reliability.

Calibration is performed automatically at 1 or 2 points with 7 standard buffers and 2 custom buffers.

HI 9126 is supplied with rechargeable batteries and a inductive docking station for easy recharging.

The meter is provided with the BEPS (Battery Error Prevention System) which automatically turns the instrument off when the battery level is too low to ensure reliable readings.

The HI 9126 can also be used for ORP measurements in the mV range with 0.1 mV resolution.

- *Exclusive Calibration Check™ (HI 9126)*
- *Electrode condition monitoring (HI 9126)*
- *Backlit LCD (HI 9126)*
- *Multi-level display*
- *On-screen operational guide*
- *Extended pH and temperature ranges*
- *Up to 7 standard buffers for calibration and 2 custom buffers*
- *User-selectable calibration timeout reminder*
- *Measures in °C or °F*
- *Waterproof*
- *Rechargeable batteries*
- *Inductive battery recharger docking station included*
- *BEPS (Battery Error Prevention System)*
- *pH electrode, temperature probe and hard carrying case included*

HI 9125 • HI 9124

Portable pH Meters with Multi-level LCD

The HI 9124 and HI 9125 heavy-duty waterproof pH meters have been designed with the latest microprocessor technology to provide laboratory results and accuracy under harsh industrial conditions.

The large multi-level LCD displays the pH and temperature (°C or °F) simultaneously. Graphic symbols are provided to help the user during the calibration process.

The pH calibration procedure is automatic with 5 standard buffer values (4.01, 6.86, 7.01, 9.18 and 10.01), buffer recognition to avoid errors, and automatic temperature compensation.

HI 9125 can be used with ORP (Oxidation Reduction Potential) electrodes. The resolution automatically switches from 0.1 to 1 mV when the reading exceeds 700 mV.

As in the HI 9126, these meters utilize BEPS (Battery Error Prevention System) technology, which automatically turns the instrument off when the battery level is too low to ensure reliable readings.

HI 9125 and HI 9124's batteries are recharged using the included inductive docking station.



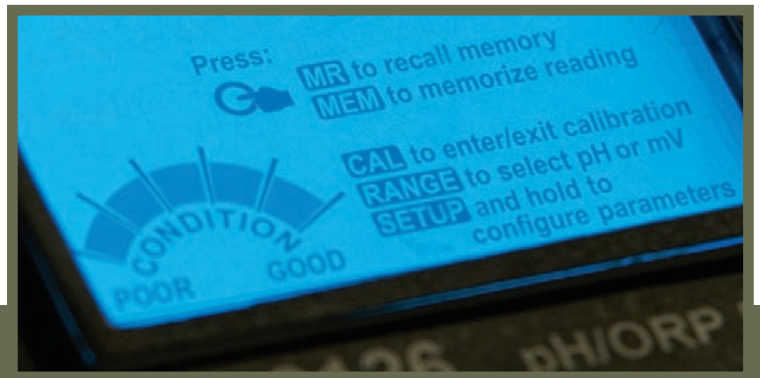
Extended Operation

Long Battery Life

HI 9126, HI 9125 and HI 9124 have an extended battery life (up to 200 hours) to guarantee long operation in the field.

Rechargeable Batteries with Inductive Recharger

When the batteries are low, you don't have to worry about carrying a spare set with you—the batteries can be recharged with HANNA's inductive recharger. Simply leave the meter on the recharger for a few hours and you're ready to go. The recharger can be plugged into a standard 115V or 230V socket using the appropriate HANNA adapter.



HI 9126 Graphic Backlit Display

HI 9126 Calibration Check™ Electrode Diagnostics

Clean Electrode

Every time a calibration is performed, the meter compares the new calibration with the one previously stored. When this comparison indicates a significant difference, the clean electrode 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 instrument features a real time clock (RTC) in order to monitor the time elapsed since last pH calibration.

The RTC is reset every time the meter is calibrated. The CAL tag will blink to warn the user that the meter should be calibrated when it has expired.

Bargraph Indication	Condition value
All 5 bars	81 - 100%
4 bars	61 - 80%
3 bars	41 - 60%
2 bars	21 - 40%
1 bar	1 - 20%
1 bar blinking	0%
Frame only	Info not available

Electrode Condition Graph

Provides a quick and clear indication of electrode status after calibration.

HI 9126 · HI 9125 · HI 9124

Portable pH Meters

with Large Display

SPECIFICATIONS		HI 9126	HI 9125	HI 9124
Range	pH	-2.00 to 16.00 pH	-2.00 to 16.00 pH	
	mV	±699.9 mV; ±1999 mV	±699.9 mV; ±1999 mV	—
	Temperature	-20.0 to 120.0°C / -4.0°F to 248.0°F	20.0 to 120.0°C / -4.0°F to 248.0°F	
Resolution	pH	0.01 pH	0.01 pH	
	mV	0.1 mV; 1 mV	0.1 mV; 1 mV	—
	Temperature	0.1°C / 0.1 °F	0.1°C / 0.1°F	
Accuracy (@20°C)	pH	±0.01 pH	±0.01 pH	
	mV	±0.2 mV; ±1 mV	±0.2 mV; ±1 mV	—
	Temperature	±0.4°C / ±0.8°F	±0.4°C / ±0.8°F	
Calibration Check		checks the electrode status during calibration	—	
pH Calibration		automatic, 1 or 2 point with 7 standard buffer values (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) + 2 custom buffers	automatic, 1 or 2 point with 5 standard buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01)	
Offset Calibration		±1 pH		
Slope Calibration		From 80 to 108%		
Temperature Compensation		automatic or manual, -20 to 120°C (-4 to 248°F)		
pH Electrode		HI 1230B, double junction, 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)	(4) 1.2V AAA rechargeable batteries / approx. 200 hours of continuous use; 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") / 525 g (18.5 oz.)		



ORDERING INFORMATION

HI 9126, **HI 9125** and **HI 9124** are supplied with HI 1230B combination double-junction, gel-filled pH electrode, HI 7662 stainless steel temperature probe with 1 m (3.3") cable, pH 4.01 & pH 7.01 buffer solutions (20 mL sachets), 100 mL plastic beaker, (4) 1.2 AAA rechargeable batteries (inside the instrument), HI 710044 inductive recharger* with power adapter, instruction manual and rugged 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 7004L	pH 4.01 buffer solution, 500 mL
HI 7007L	pH 7.01 buffer solution, 500 mL
HI 7010L	pH 10.01 buffer solution, 500 mL
HI 70004P	pH 4.01 buffer solution, 20 mL sachets (25)
HI 70007P	pH 7.01 buffer solution, 20 mL sachets (25)
HI 70010P	pH 10.01 buffer solution, 20 mL sachets (25)
HI 70300L	Electrode storage solution, 500 mL
HI 7061L	Electrode cleaning solution, 500 mL

ACCESSORIES

HI 76405	Electrode holder

*HI 9126-01 (115V), HI 9126-02 (230V), HI 9125-01 (115V), HI 9125-02 (230V), HI 9124-01 (115V), HI 9124-02 (230V)

HANNA® instruments

With Great Products, Come Great Results™

www.hannainst.com

P/L HI9126-25-24 1.0 PRINTED IN USA