

HI 9124 • HI 9125

**Auto-Instruction pH Meters***With Large Display***Two of our Most Popular Meters—Enhanced!**

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 ( $^{\circ}\text{C}$  or  $^{\circ}\text{F}$ ) 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.

- *Backlit, multi-level LCD*
- *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  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$*
- *Waterproof*
- *Rechargeable batteries*
- *Inductive battery recharger docking station included*
- *BEPS (Battery Error Prevention System)*
- *pH electrode, temperature probe and hard carrying case included*

## Rechargeable Batteries with Inductive Charger

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.

## Long Battery Life

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



### SPECIFICATIONS

		HI 9124	HI 9125
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	
pH Calibration		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, 20.0 to 120.0°C / -4.0°F to 248.0°F	
pH Electrode		HI 1230B, double junction, gel filled, BNC connector and 1 m cable (included)	
Temperature Probe		HI 7662 with 1 m (3.3') cable (included)	
Input Impedance		10 <sup>12</sup> Ohm	
Battery Type / Life		(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		191.5 x 71.6 x 36 mm (7.5 x 2.8 x 1.4")	
Weight		425 g (15 oz)	

### ORDERING INFORMATION

**HI 9125-01** (115 V) and **HI 9125-02** (230 V) and **HI 9124-01** (115 V) and **HI 9124-02** (230 V) 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 76405 — Electrode Holder