

# HI 9024 • HI 9025



## The Most Popular Waterproof pH Meters for Field Measurements

HI 9024 and HI 9025 are microprocessor-based pH meters in waterproof casings.

HI 9024 measures pH and temperature, and HI 9025 can also measure ORP in the mV range.

Both meters are housed in rugged, waterproof, ABS casings that are built to last.

The Auto-Instruction feature guides the user step-by-step through the calibration process with graphic symbols.

The automatic calibration procedure is simple and quick and can be performed at 1 or 2 points selected from 5 memorized buffers: pH 4.01, 6.86, 7.01, 9.18, 10.01. A stability indicator assures a correct calibration.

Both meters also feature automatic shut-off to save battery life.

### Specifications

	HI 9024	HI 9025
Range	pH mV Temperature	0.00 to 14.00 pH — ±399.9 mV; ±1999 mV 0.0 to 100.0°C / 32.0°F to 212.0°F
Resolution	pH mV Temperature	0.01 pH — 0.1 mV; 1 mV 0.1°C / 0.1°F
Accuracy (@20°C)	pH mV Temperature	±0.01 pH — ±0.2 mV; ±1 mV ±0.4°C / ±0.8°F
pH Calibration	automatic, 1 or 2 point with 5 memorized buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01); offset calibration: ±1 pH; slope calibration: 70 to 108%	
Temperature Compensation	automatic or manual, -5 to 105°C (23°F to 221°F)	
pH Electrode	HI 1230B, double junction, Ultem® body, gel filled, BNC connector and 1 m cable (included)	
Temperature Probe	HI 7669/2W with 1 m (3.3') cable (included)	
Input Impedance	10 <sup>12</sup> Ohm	
Battery Type / Life	4 x 1.5V AA / approx. 500 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	196 x 80 x 60 mm (7.7 x 3.1 x 2.4") / 500 g (1.1 lb.)	

### Accessories

HI 1230B	pH electrode, gel filled, Ultem® body, BNC, 1 m cable	HI 7009L	pH 9.18 buffer solution, 500 mL bottle
HI 3230B	ORP electrode, gel filled, Ultem® body, BNC, 1 m cable	HI 7010L	pH 10.01 buffer solution, 500 mL bottle
HI 7669/2W	Temperature probe	HI 70300L	Electrode storage solution, 500 mL bottle
HI 76405	Electrode holder	HI 8427	pH/mV electrode simulator
HI 7004L	pH 4.01 buffer solution, 500 mL bottle	HI 931001	pH/mV electrode simulator with display
HI 7006L	pH 6.86 buffer solution, 500 mL bottle		
HI 7007L	pH 7.01 buffer solution, 500 mL bottle		

### Ordering Information

HI 9024 is supplied complete with HI 1230B pH electrode, HI 7669/2W temperature probe, pH 4 and pH 7 buffer sachets, 100 mL plastic beaker, batteries, rugged carrying case and instructions.

HI 9025 is supplied complete with HI 1230B pH electrode, HI 7669/2W temperature probe, pH 4 and pH 7 buffer sachets, 100 mL plastic beaker, batteries, rugged carrying case and instructions.

For a complete range of calibration, cleaning and maintenance solutions, see section F. For pH and ORP electrodes, see section E. For accessories, see section U.