

# Educational pH Meters

- Manual calibration
- Easy mode selection
- Rugged for heavy use

HI 8010 and HI 8014 are rugged, handheld pH meters specifically designed with ease of use in mind. These affordable meters are ideal for education and field applications.

HI 8010 and HI 8014 perform pH measurements with Manual Temperature Compensation. HI 8014 also performs ORP measurements.

Two-point calibration can be performed with trimmers on the front panel. The set values are stored even when the meter is shut off.

These rugged, manual pH meters are perfect for teaching students the fundamentals of pH measurement.



## ORDERING INFORMATION

HI 8010 and HI 8014 are supplied with HI 1230B pH electrode, calibration screwdriver, battery and instructions.

## ELECTRODES

HI 1230B	PEI body pH electrode with BNC connector and 1 m (3.3') cable
HI 3230B	PEI body ORP electrode with platinum sensor, BNC connector and 1 m (3.3') cable

## 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 7061L	Electrode cleaning solution, 500 mL
HI 70300L	Electrode storage solution, 500 mL

## ACCESSORIES

HI 710009	Shockproof rubber boot, blue
HI 710010	Shockproof rubber boot, orange
HI 710001	Soft carrying case
HI 721311	Rugged carrying case
HI 8427	pH/mV electrode simulator
HI 931001	pH/mV electrode simulator with display

SPECIFICATIONS		HI 8010	HI 8014
Range	pH	0.00 to 14.00 pH	
	mV	–	±1999 mV
Resolution	pH	0.01 pH	
	mV	–	1 mV
Accuracy (@20°C)	pH	±0.01pH	
	mV	–	±1 mV
pH Calibration		manual, two point, through trimmers (offset ±1 pH; slope: 85 to 105%)	
Temperature Compensation		manual, 0 to 100°C (32 to 212°F)	
pH Electrode		HI 1230B PEI body pH electrode with BNC connector and 1 m (3.3') cable (included)	
Input Impedance		10 <sup>12</sup> Ohm	
Battery Type / Life		9V / approximately 100 hours of continuous use	
Environment		0 to 50°C (32 to 122°F); RH max 95%	
Dimensions		185 x 82 x 53 mm (7.3 x 3.2 x 2.1")	
Weight		265 g (9.3 oz.)	

# NT (주)뉴텍계기

서울특별시 금천구 가산동 60-15 리더스타워 501호  
02-868-8648(대) sales@yesnt.co.kr www.yesnt.co.kr

With Great Products, Come Great Results™