



battery powered



DIN connection



replaceable electrode



water resistant

## Easy to use pH meter

HI-8314 is a handheld pH/mV/°C meter designed to be reliable and easy-to-use.

HI-8314 uses the HI-1217D pre-amplified pH electrode and internal temperature sensor.

Manual calibration is performed at one or two points by adjusting the trimmers on the front panel. This instrument is ideal for applications that require a custom calibration point. Manual calibration can be extremely useful in order to achieve better accuracy.



### Main benefits

- Pre-amplified pH electrode
- Easy manual one or two point calibration
- Automatic Temperature Compensation
- Low battery indicator

### Specifications

Product Code	HI-8314	
Range	pH	0.00 to 14.00 pH
	ORP	±1999 mV
	°C	0.0 to 100.0°C
Resolution	pH	0.01 pH
	ORP	1 mV
	°C	0.1°C
Accuracy	pH	±0.01 pH
	ORP	±1 mV
	°C	±0.4°C (excluding probe error)
pH Calibration	manual, two point, through trimmers (offset ±1 pH; slope: 80 to 110%)	
Temperature Compensation	Automatic, 0 to 70°C	
Electrode	HI-1217D PEI body, pre-amplified pH electrode with internal temperature sensor, DIN connector and 1 m cable (included)	
Input Impedance	10 <sup>12</sup> Ohm	
Battery Type / Life	9V / approximately 100 hours of continuous use	
Environment	0 to 50°C; RH max 100%	
Dimensions / Weight	145 x 80 x 36 mm / 230g	

### Ordering Information

Portable pH, ORP & °C | HI-8314

supplied with

- HI-1230B pH electrode
- HI-7669AW temperature probe
- HI-70004 pH 4.01 buffer solution sachet
- HI-70007 pH 7.01 buffer solution sachet
- HI-700661 electrode cleaning solution sachets (2)
- calibration screwdriver
- battery
- protective case
- instructions

Authorised distributor