



High end bench technology

slimline meter with smart electrode

edge is the latest innovation from HANNA Instruments offering the most advanced technology for measuring pH

With edge, the measurement of pH is simpler, quicker and more accurate. Combining high precision technology with the user-friendly dimensions and format of a small digital tablet, edge is breaking new ground in electrochemistry.

Desirability too is 100%. Cutting-edge design, capacitive touch screen and an intuitive user interface are just a few of the great attributes that make edge stand out as the most innovative bench meter on the market.



Hand-held



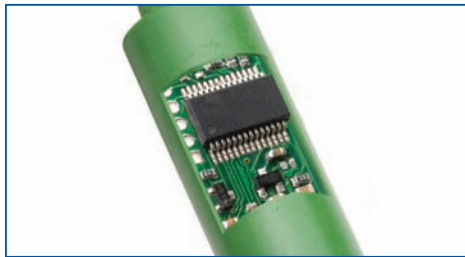
Wall mount



Edge sets new standards in bench pH meters

- range: -2.00 to 16.00pH and -2.000 to 16.000pH
- resolution: 0.01pH and 0.001pH
- accuracy: +/- 0.01pH and +/- 0.002pH
- calibration: automatic with 7 standard buffers and 2 custom buffers
- digital smart electrodes enable edge to automatically recognise and store sensor type, ID and calibration information
- large 140mm LCD display with clear full text readout
- capacitive touch keys
- programmed for basic and advanced modes
- HANNA CAL-CHECK warns if electrode is not clean or buffers are contaminated
- log-on demand and interval logging
- PC interface via micro USB
- data download onto USB stick via standard USB
- GLP data automatically transferred
- 2 USB ports
- easy plug-in 3.5mm connector,
- slim and lightweight, edge can be hand-held or wall mounted with supplied bracket

How Edge works



edge measures pH through its unique digital electrodes. Connected via an easy plug-in 3.5mm connector, these smart electrodes enable edge to automatically recognise and store sensor type, ID and calibration information.



Programmed for basic and advanced modes, edge has the ability to offer simplified screen features for routine measurements or detailed data display.



edge warns users if the electrode is not clean or if buffers are contaminated during calibration using the exclusive HANNA CAL-CHECK feature. Advancing this technology even further, edge will also warn you if the pH bulb is cracked or if the junction of the electrode is compromised.



Ordering Information

Edge pH bench meter | HI-2020

supplied with

- bench-top stand
- electrode holder
- HI-11310 pH electrode
- bracket for wall mount
- USB cable
- power adaptor
- instruction manual
- 2 sachets of pH 4 buffer solution
- 2 sachets of pH 7 buffer solution
- 2 sachets of pH 10 buffer solution
- electrode cleaning solutions



Specifications

Product Code		HI-2020
pH	Range	basic mode: -2.00 to 16.00 pH, -2.000 to 16.000 pH; standard mode: ± 1000.0 mV for pH
	Resolution	0.01 pH; 0.001 pH; 0.1 mV
	Accuracy (@25°C)	± 0.01 pH; ± 0.002 pH; ± 0.2 mV
	Calibration Points	5 in standard mode; 3 in basic mode
	Calibration Buffers	standard mode: 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45 and two custom buffers basic mode: 4.01, 6.86, 7.01, 9.18, 10.01
	Temperature Compensation	ATC (-20.0 to 120.0°C; -4.0 to 248.0°F)*
	pH Electrode (included)	HI-11310 glass body pH electrode with 1/8" (3.5mm) connector and 1 m cable
Temperature	Electrode Diagnostics	standard mode: probe condition, response time & out of calibration range
	Range	-20.0 to 120.0°C; -4.0 to 248.0°F
	Resolution	0.1°C; 0.1°F
Logging	Accuracy	± 0.2 °C; ± 0.4 °F
		stores up to 1000 records; 200 records (log-on-demand and stability logging); 600 records interval logging
Connectivity		1 USB port for storage; 1 micro USB port for charging and PC connectivity
Environment		0 to 50°C (32 to 122°F); RH max 95% non-condensing
Power Supply		5 VDC adapter (included)
Dimensions		202 x 140 x 12.7mm
Weight		250 g

* temperature limits will be reduced to actual probe/sensor limits