

HI-2002

hybrid technology

high specification single parameter hanna edge[®] for pH

dedicated
to testing
pH



Using Hanna's latest innovation in technology and design, edge[®] can be adapted to suit your working method.

Select from hand held, wall mount or bench top – or even switch between them all. edge[®] is happy any which way. Simply plug in the electrode, then play.

Measurement is simpler, quicker and more accurate than ever.

Results are fast and reliable. Combining high precision technology with the user-friendly dimensions and format of a small digital tablet, edge[®] is breaking new ground in electrochemistry.

This is a must-have meter for your laboratory.

Cutting-edge design, capacitive touch keypad and an intuitive user interface are just a few of the great attributes that make edge[®] stand out as the world's first hybrid meter on the market.



Range:

-2.00pH 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 and 2 custom buffers

Capacitive touch keys

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

Programmed for basic and advanced modes

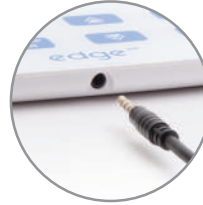
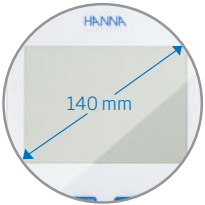
Hanna Calcheck warns if electrode is not clean or buffers are contaminated

Log-on demand and interval logging

PC interface via micro USB

Data download onto USB via standard USB connection

GLP data automatically transferred



edge® pH HI-2002 is dedicated to testing pH

The smart pH electrode is automatically recognised as soon as it is plugged into the tablet.

The meter itself is programmed for basic and advanced mode testing.



portable professional tablet

HI-2002 cont

the ultimate in flexibility

edge® pH can be hand held, wall mounted or used as a desktop giving you the choice to select the format that works best for you and your application.



Lightweight and easy to hold edge® works well as a **portable** meter



Need more space on your bench? Simply place it in the **wall-mount** and continue to use as normal



Prefer the traditional **bench top** approach? No problem, just place edge® in its cradle on the bench

Ordering Information

pH hybrid meter | HI-2002
£335.00

supplied with

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

Specifications

Product Code		HI-2002-02
pH	Range*	-2.00 to 16.00 pH; -2.000 to 16.000 pH†
	Resolution	0.01 pH; 0.001 pH†
	Accuracy (@25°C)	±0.01 pH; ±0.002 pH
	Calibration	Automatic, up to three points (five point†) calibration, 5 standard (7 standard†) buffers available (1.68†, 4.01 or 3.00, 6.86, 7.01, 9.18, 10.01, 12.45†) and two custom buffers†
	Temperature Compensation*	automatic, -5.0 to 100.0°C (23.0 to 212.0°F) (using integral temperature sensor)
	Electrode Diagnostics	standard mode: probe condition, response time and out of calibration range
mV pH	Range	±1000 mV
	Resolution	0.1 mV
	Accuracy (@25°C)	±0.2 mV
ORP	Range	±2000 mV
to	Resolution	0.1 mV
to	Accuracy (@25°C)	±0.2 mV (±999.9 mV); ±1 mV (±2000 mV)
to	Calibration	one-point calibration
Temperature	Range*	-20.0 to 120.0°C; -4.0 to 248.0°F
	Resolution	0.1°C; 0.1°F
	Accuracy	±0.5°C; ±0.9°F
Logging	up to 1000† (400 for basic mode) records organized in: manual log-on-demand (max. 200 logs), manual log-on-stability (max. 200 logs), interval logging† (max. 600 samples; 100 lots)	
Connectivity	1 USB port for storage; 1 micro USB port for charging and PC connectivity	
Electrode	HI-11310 digital glass body pH electrode with 3.5 mm connector and 1 m (3.3') cable	
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing	
Power Supply	5 VDC adapter (included)	
Dimensions / Weight	202 x 140 x 12 mm / 250 g	

* pH and temperature will be reduced to actual probe limits
 † standard mode only

Also available:



edge® EC hybrid meter | HI-2003



edge® DO hybrid meter | HI-2004



edge® multiparameter | EDGEMULTI