



3.5 mm  
connection



cal  
check



interchangeable  
electrode



replaceable  
electrode



battery  
powered



mains  
powered

introducing  
latest **hybrid**  
**technology**  
hanna **edge** the  
modern face of  
laboratory testing

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.

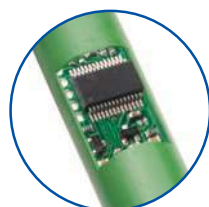


- **Range:**  
-2.00pH to 16.00pH and -2.000 to 16.000pH



- **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**

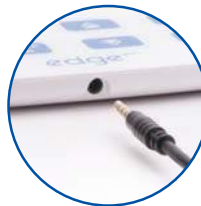


- **Hanna Calcheck warns if electrode is not clean or buffers are contaminated**

- **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-2002-02 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

## 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

### edge® pH hybrid meter | HI-2002-02 (edge®pH)

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-2002-02
pH	Range	basic mode: -2.00 to 16.00 pH, -2.000 to 16.000 pH; standard mode: $\pm 1000.0$ mV for pH
	Resolution	0.01 pH; 0.001 pH; 0.1 mV
	Accuracy (@25°C)	$\pm 0.01$ pH; $\pm 0.002$ pH; $\pm 0.2$ 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
	Electrode Diagnostics	standard mode: probe condition, response time & out of calibration range
Temperature	Range	-20.0 to 120.0°C; -4.0 to 248.0°F
	Resolution	0.1°C; 0.1°F
	Accuracy	$\pm 0.2^\circ\text{C}$ ; $\pm 0.4^\circ\text{F}$
Logging		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

### Also available:



edge® EC hybrid meter | HI-2003-02



edge® DO hybrid meter | HI-2004-02



edge® multiparameter | EDGEMULTI