HANNA instruments

HALO 2

HI9810472

Wireless pH Tester for Juice

with built-in specialized electrode

Clogging Prevention System (CPS™) technology

The moveable PE sleeve prevents clogging and allows for the ground glass surface to be cleaned, resulting in faster response times and stable readings.

HALO2

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Wireless pH Tester for Juice

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Accurate and easy to use, the HI9810472 HALO2 Wireless Refillable pH Tester is ideal for pH measurements in juice samples that would be a challenge for standard design pH electrodes. This HALO2 can be used as a stand-alone pH tester or can be connected to a smart device with the Hanna Lab App.

- Compact, waterproof casing
- Automatic pH calibration at up to three points, or four points when used with the Hanna Lab App
- Automatically temperature compensated readings
- The integrated Bluetooth® module allows the tester to be connected to a compatible smart device with the Hanna Lab App

Electrode Features

Glass body

Features a non-porous glass body that is easy to clean. Specialized low temperature (LT) pH glass ensures fast stabilization and accurate results at lower temperatures.

Domed tip

The domed tip allows a large surface area to be in contact with the sample.

Refillable

The double junction reference design presents a silver-free electrolyte solution interacting with the sample, making the electrode less susceptible to clogging, resulting in faster response times and stable readings.

Built-in temperature sensor

Built-in temperature sensor at the tip of the pH electrode allows for rapid and accurate determination of the sample temperature and a high-accuracy temperature reading.

Hanna Lab App

The Hanna Lab App is available on the App Store® and on Google Play.

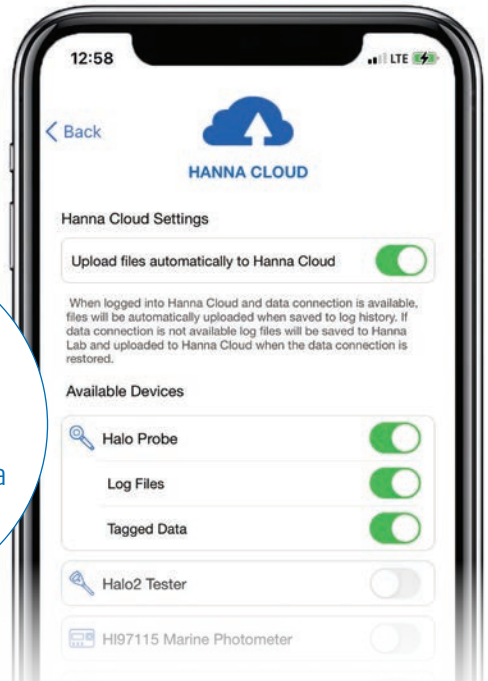
Download on the App Store

GET IT ON Google Play

The first app that turns a smart phone or tablet into a full-featured pH meter.

The Hanna Lab App turns a compatible smart phone or tablet into a full-featured pH meter when used with compatible Hanna products with Bluetooth® wireless technology. Features include calibration, measurement and data logging (at one second intervals), graphing, and data sharing including Hanna Cloud compatibility. Measurements can be displayed alone, with tabulated data, or as a graph. The graph can be panned and zoomed with pinch-to-zoom technology. Measurements can be displayed alone, with tabulated data, or as a graph. The graph can be panned and zoomed with pinch-to-zoom technology.

The Hanna Lab App now features Hanna Cloud compatibility.



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Specifications

pH	Range	0.00 to 12.00 pH
	Resolution	0.01 or 0.1 pH
	Accuracy	±0.05 pH @ 25 °C (77 °F)
	Calibration	Up to three points or four points * Automatic buffer recognition with Standard Hanna® buffers (pH 1.68*, 3.00, 7.01, 10.01) or NIST (pH 1.68 *, 3.00, 6.86, 9.18)
mV *	Range	pH/mV conversion
	Resolution	0.1 or 1 mV
Temp.	Range	0.0 to 60.0 °C (32.0 to 140.0 °F)
	Resolution	0.1 °C; 0.1 °F
	Accuracy	±0.5 °C; ±0.9 °F
Temperture Compensation	Automatic (ATC) or Manual (MTC) *	
Electrode	Body material	Glass
	Glass	Low Temperature (LT)
	Junction	Open (moveable)
	Reference Cell	Double, Ag/AgC
	Electrolyte	3.5M KCl (refillable)
	Tip / Shape	Dome, Ø 8 mm (Ø 0.31")
	Outer Diameter	12 mm (0.47")
	Length	120 mm (4.7")
Battery	3V Lithium - CR2032	
Battery life	Approximately 1000 hours (500 hours with Bluetooth enabled)	
Environment	0 to 50 °C (32 to 122 °F)	
Casing	IP65 ingress protection	
Dimensions	51 x 206 x 21 mm (2.0 x 8.1 x 0.8")	
Weight	60 g (2.1 oz.)	
Ordering Information	**HI9810472** is supplied with pH 3.00 buffer solution, 20 mL sachet (2 pcs.); pH 7.01 buffer solution, 20 mL sachet (2 pcs.); cleaning solution for juice deposits, 20 mL sachet (1 pc.); cleaning solution for juice stains, 20 mL sachet (1 pc.); electrode storage solution, 13 mL dropper bottle; electrolyte refill solution, 30 mL; pipette; 3V lithium battery - CR2032; and quick reference guide with instrument quality certificate.	
Accessories	**HI700637P** Cleaning solution for juice deposits, 20 mL sachet (25 pcs.)	
	HI700638P Cleaning solution for juice stains, 20 mL sachet (25 pcs.)	

* Available with Hanna Lab App

Note: The tester can display measurements from –2.00 to 16.00 pH. Measurements outside of the pH range will flash. If this happens, assess the integrity of the tester and the type of measured sample.