

HI9810422

# HALO2


**Hanna Lab App  
Compatible**

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

## Wireless pH Tester for Field

with built-in specialized electrode

Accurate, and easy to use, HALO2 Wireless pH Tester is ideal for field measurements due to its durability. The HI9810422 can be used as a stand-alone pH tester or can be connected to the Hanna Lab App.

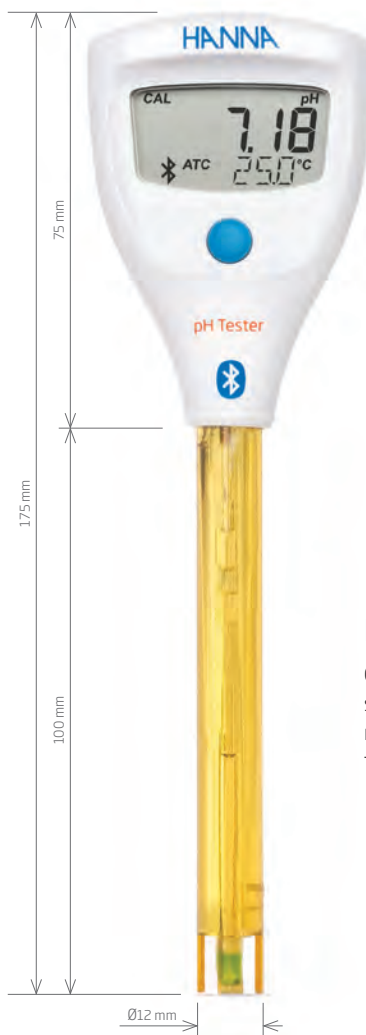
- The integrated Bluetooth module allows the tester to be connected to a compatible smart device with the Hanna Lab App
- Compact, waterproof casing, and automatic pH calibration at up to three points, or four points when used with the Hanna Lab App
- Automatically temperature compensated readings

### HALO2 Specifications HI9810422

Range	pH	0.00 to 12.00 pH
	mV*	pH/mV conversion
	Temperature**	-5.0 to 70.0 °C (23.0 to 158.0 °F)
Resolution	pH	0.01 or 0.1 pH
	mV*	0.1 or 1 mV
	Temperature	0.1 °C; 0.1 °F
Accuracy	pH	±0.05 pH
	Temperature	±0.5 °C; ±0.9 °F
	Calibration	Up to three points or four points *
Temperature compensation	Automatic (ATC) or Manual (MTC) *	
	Body material	Polyetherimide (PEI) resin
	Glass	Low Temperature (LT)
Electrode	Junction	Ceramic
	Reference cell	Double, Ag/AgCl
	Electrolyte	Gel
	Tip / Shape	Dome
	Outer diameter	12 mm (0.5")
	Length	100 mm (3.9")
	Battery type	CR2032 3V Lithium
Battery life	Approximately 1000 hours (500 hours with Bluetooth enabled)	
Environment	0 to 50 °C (32 to 122 °F)	
IP rating	IP65	
Dimensions / Weight	51 x 175 x 21 mm (2.0 x 6.9 x 0.8") / 50 g (1.8 oz.)	

### Ordering Information

**HI9810422** (HALO2) is supplied with a starter kit consisting of: pH 4.01 buffer solution sachet (2 pcs.), pH 7.01 buffer solution sachet (2 pcs.), Electrode cleaning solution sachet (2 pcs.), Electrode storage solution (dropper bottle), 3V Lithium battery - CR2032, Instrument quality certificate and Instruction manual.



### Maintenance free

Gel-filled reference with no fill solutions required. Other than routine calibration and cleaning, this probe is maintenance free.

## Electrode Features

### PEI Resin body

The HI9810422 features a PEI resin body that is easy to clean and resistant to many aggressive chemicals.

### Fast, stable readings

The double junction design presents a silver-free electrolyte solution interacting with the sample, making the electrode less susceptible to clogging and guaranteeing a fast response and stable reading.

### Built-in Temperature Sensor

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

\* Available with Hanna Lab App

\*\*Measuring outside the recommended operating temperature range may damage the gel electrolyte and void product warranty. Note: The tester can display measurements from -2.00 to 16.00 pH. Measurements outside of the pH range will flash.

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pH solutions begin on page 2.174, pH electrode cleaning solutions begin on page 2.188