

HI9810422

HALO2

Hanna Lab App
CompatibleThe 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
	Up to three points or four points *
Calibration	Automatic buffer recognition with Standard buffers Hanna (pH 1.68 *, 4.01, 7.01, 10.01) or NIST (pH 1.68 *, 4.01, 6.86, 9.18)
	Automatic (ATC) or Manual (MTC) *
Electrode	Body material Polyetherimide (PEI) resin
	Glass Low Temperature (LT)
	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.

* 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.



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.