

HI9810332

HALO2

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

Wireless Refillable pH Tester for Wine

with built-in specialized electrode

Accurate and easy to use, HALO2 Wireless pH Tester for Wine is designed to measure the pH at each step of the winemaking process: from pre-fermentation and fermentation to post-fermentation and bottling. The HI9810332 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	HI9810332
Range	pH 0.00 to 12.00 pH
	mV* pH/mV conversion
	Temperature 0.0 to 60.0 °C (32.0 to 140.0 °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 *
	Automatic buffer recognition with Standard buffers Hanna (pH 1.68 *, 3.00, 7.01, 10.01) or NIST (pH 1.68 *, 3.00, 6.86, 9.18)
Temperature compensation	Automatic (ATC) or Manual (MTC) *
	Body material Glass
Electrode	Glass Low Temperature (LT)
	Junction Open (movable)
	Reference cell Double, Ag/AgCl
	Electrolyte 3.5M KCl (refillable)
	Tip / Shape Dome, Ø 8 mm (Ø 0.31")
	Outer diameter 12 mm (0.5")
	Length 120 mm (4.7")
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 206 x 21 mm (2.0 x 8.1 x 0.8") / 55 g (2.0 oz.)

Ordering Information

HI9810332 (HALO2) is supplied with a starter kit consisting of: pH 3.00 buffer solution sachet (2 pcs.), pH 7.01 buffer solution sachet (2 pcs.), Cleaning solution for wine deposits sachet (1 pc.), Cleaning solution for wine stains sachet (1 pc.), Electrode storage solution (dropper bottle), Electrolyte refill solution, Pipette, 3V Lithium battery - CR2032, Instrument quality certificate and Instruction manual.



Clogging Prevention System (CPS™) technology

The moveable PE sleeve repels solids and prevents clogging. Additionally, the sleeve can be moved and the ground glass surface cleaned, resulting in faster response times and stable readings.

Domed Tip

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

Electrode Features

Glass body

The HI9810332 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.

Refillable electrode

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
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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