

HI9810342

HALO2



Hanna Lab App
Compatible

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

Wireless pH Tester for Milk

with built-in specialized electrode

Accurate and easy to use, the HALO2 Wireless pH Tester for Milk is designed to measure the pH during the milk production process. The HI9810342 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 HI9810342

| | | |
|--------------------------|---|--------------------------------------|
| 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 *, 4.01, 7.01, 10.01) or NIST (pH 1.68 *, 4.01, 6.86, 9.18) | |
| Temperature compensation | Automatic (ATC) or Manual (MTC) * | |
| Electrode | Body material | Glass |
| | Glass | Low Temperature (LT) |
| | Junction | Open |
| | Reference cell | Double, Ag/AgCl |
| | Electrolyte | Gel |
| | Tip / Shape | Conic, Ø 12 x 12 mm (Ø 0.47 x 0.47") |
| | Outer diameter | 12 mm (0.5") |
| | Length | 85 mm (3.3") |
| 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 160 x 21 mm (2.0 x 6.3 x 0.8") / 50 g (1.8 oz.) | |

Ordering Information

HI9810342 (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.), Cleaning solution for milk deposits sachet (2 pcs.), Electrode storage solution (dropper bottle), 3V Lithium battery - CR2032, Instrument quality certificate and Instruction manual



Conical tip

The conical tip allows for easy penetration into semisolids, ideal for milk and milk products like yogurt.

Electrode Features

Glass body

The HI9810342 features a non-porous glass body that is easy to clean and disinfect.

Maintenance free

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

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.

Low temperature glass

Specialized low temperature (LT) pH glass ensures fast stabilization and accurate results at lower temperatures.

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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