HI9810362 • HI9810452

HALO 2

Hanna Lab App Compatible

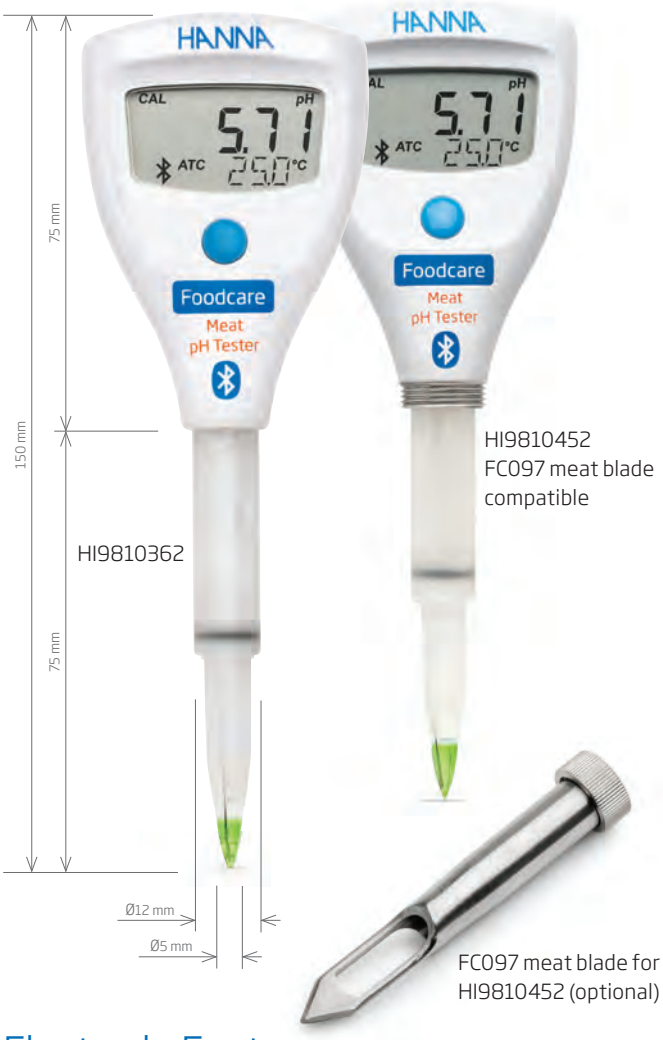
The Hanna Lab App is available on the App Store® and on Google Play.

Wireless pH Tester for Meat

with built-in specialized electrode

Accurate and easy to use, HALO2 Wireless pH Testers for Meat are ideal for pH measurement during meat processing. These testers 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
- Removable stainless steel meat blade available (HI9810452)



HALO2 Specifications		HI9810362	HI9810452
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	Polyvinylidene Fluoride (PVDF)	
	Glass	Low Temperature (LT)	
	Junction	Open	
	Reference cell	Double, Ag/AgCl	
	Electrolyte	Gel (refillable)	
	Tip / Shape	Conic, Ø 6 x 10 mm (Ø 0.23 x 0.39")	
	Outer diameter	8 mm (0.31")	
	Length	75 mm (2.95")	
Blade Compatible		no	yes, FC097
Battery type	CR2032 3V Lithium		
Battery life			
Environment	0 to 50 °C (32 to 122 °F)		
IP rating	IP65		
Dimensions / Weight	51 x 150 x 21 mm (2.0 x 5.9 x 0.8") / 45 g (1.6 oz.)		
Ordering Information	**HI9810362** (HALO2) and **HI9810452** (HALO2 with thread) 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 for Meat, Grease, and Fats (2 pcs.), Electrode storage solution (dropper bottle), Gelled bridge electrolyte (dropper bottle), 3V Lithium battery - CR2032, Instrument quality certificate and Instruction manual.		
Accessories	**FC097** stainless steel meat blade for HI9810452		

* Available with Hanna Lab App

Electrode Features

Food grade PVDF body

The food grade PVDF body material is easy to clean and disinfect. Resistant to most chemicals (e.g. solvents, sodium hypochlorite), ultraviolet light, and fungal growth, the PVDF body also has high-abrasion resistance and mechanical strength.

Conical tip

The conical tip allows for easy penetration into solids and semisolids such as meats and sausages.

Removable stainless steel meat blade available (HI9810452 only)

HI9810452 features threads at the base of the probe for compatibility with the FC097 stainless steel meat blade (optional accessory).

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.

**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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