

HALO 2

Wireless pH Testers

A pH tester for
every application.

15 Application Specific Models



HALO2

Wireless pH Testers

- Waterproof to IP65 standards
- Automatic calibration
- Automatic temperature compensation
- Approximately 1000 hours battery life (500 hours with Bluetooth enabled)
- The integrated Bluetooth module allows the tester to be connected to a compatible smart device with the Hanna Lab App
- Universal Connectivity
 - Connect seamlessly to the Hanna Lab App via Bluetooth wireless technology and with our open-API software our HALO2 series can integrate directly with your current Laboratory Information Management System (LIMS).
- Large LCD
- One button operation



Hanna Lab App

When used with HALO2, the Hanna Lab App turns a compatible smart device into a full-featured pH meter. Features include: electrode condition, GLP with time-stamp, live-readings, mV resolution, manual temperature compensation, stability criteria, calibration reminder, pH (mV) and temperature alarms, tester ID, and data sharing.

HI9810402

HALO2 for Lab (refillable)

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Lab is ideal for measurements in samples that would be a challenge for standard design pH electrodes.

- 0.00 to 14.00 pH range
- Refillable electrode
 - The double junction design resists clogging to ensure fast response and stable readings.
- Glass body electrode
 - This glass body is easy to clean and can withstand harsh chemicals.
- Spherical tip electrode
 - Provides maximum surface area for accurate measurements.



HI9810412

HALO2 for Lab

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Lab is ideal for users that prefer a maintenance free laboratory pH electrode.

- 0.00 to 12.00 pH range
- Glass body electrode
 - This glass body is easy to clean and can withstand harsh chemicals.
- Maintenance free
 - Gel-filled reference with no fill solutions required. Other than routine calibration and cleaning, this probe is maintenance free.
- Spherical tip electrode
 - Provides maximum surface area for accurate measurements.

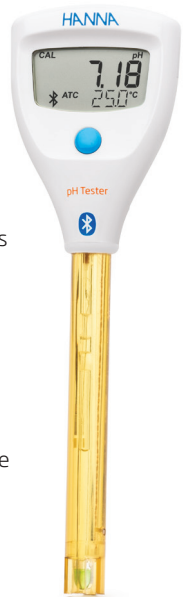


HI9810422

HALO2 for Field

Accurate and easy to use, this HALO2 Wireless pH Tester is ideal for field measurements due to its durability.

- 0.00 to 12.00 pH range
- Rugged built-in electrode for field use
 - PEI resin body is durable and easy to clean.
- Maintenance free
 - Gel-filled reference with no fill solutions required. Other than routine calibration and cleaning, this probe is maintenance free.



GroLine

HI9810302

HALO2

for Soil

Accurate and easy to use, Hanna's HALO2 GroLine Wireless pH Tester for Soil is ideal for hydroponics, greenhouse, and agriculture applications. Perfect for growers that need to monitor the pH of soil or soil slurries.

- 0.00 to 12.00 pH range
- Rugged PVDF electrode body
- Easy pH electrode cleaning
 - The removable sleeve allows for cleaning, disinfecting, and refreshing (with supplied gel electrolyte) of the outer reference area.
- Conical tip electrode
 - Allows for easy penetration into soil or soil slurries.



HI9810432

HALO2

for Cosmetic Creams

(refillable)

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Cosmetic Creams is specially engineered for use with cosmetic creams to ensure it meets safety standards.

- 0.00 to 12.00 pH range
- Refillable electrode
 - This triple junction design prevents clogging & any potential precipitation of silver at the junction. The fill solution diffuses through the ceramic junction as it is used.
- Glass body electrode
 - This glass body is easy to clean and can withstand harsh chemicals.
- Conical tip electrode
 - Easily penetrates emulsions such as lotions and creams, soft solids, and semisolids.



HI9810372

HALO2

for Skin & Scalp

Accurate and easy to use, this HALO2 Wireless pH Tester is designed to measure the pH of the skin and scalp.

- 0.00 to 12.00 pH range
- Glass body electrode
 - This glass body is easy to clean and disinfect.
- Flat tip sensor
 - Allows for direct contact with the skin or scalp to ensure a stable measurement.



HI9810442

HALO2

for Leather & Paper

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Leather & Paper is specially designed with a flat sensing tip. Perfect for flat surfaces or small volume samples.

- 0.00 to 12.00 pH range
- Glass body electrode
 - This glass body is easy to clean and can withstand harsh chemicals.
- Maintenance free
 - Gel-filled reference with no fill solutions required. Other than routine calibration and cleaning, this probe is maintenance free.
- Flat tip electrode
 - Only one drop of water is needed on the sample surface for accurate measurements.



Foodcare

HI9810312

HALO2

for Beer

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Beer is ideal for measuring mash, cooled wort, and beer samples.

- 0.00 to 12.00 pH range
- Titanium body
 - This rugged titanium electrode body works as an electronic shield, protecting against interferences from electrical noise or humidity.
- Flat tip electrode
 - Allows for direct pH measurement and prevents solids from mash and cooled wort from collecting on the surface.
- Extractable cloth junction
 - Clears any clogging from solids to prevent a slow response time or unstable readings.



Foodcare

HI9810332

HALO2

for Wine

(refillable)

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Wine is designed to measure the pH at each step of the winemaking process.

- 0.00 to 12.00 pH range
- Refillable electrode
 - This double junction design resists clogging to ensure fast response times and stable readings
- Clogging Prevention System (CPS) technology
 - This movable PE sleeve repels solids and prevents clogging.



Foodcare

HI9810352

HALO2
for Sushi

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Sushi is engineered specifically for sushi rice, ensuring food-hygiene and Hazard Analysis Critical Control Point (HACCP) regulations are met.

- 0.00 to 12.00 pH range
- Titanium body
 - This rugged titanium electrode body works as an electronic shield, protecting against interferences from electrical noise or humidity.
- Flat tip, clog resistant electrode
 - This flat tip provides optimal surface contact for sushi rice pH measurements. When the junction becomes coated with starch from rice, simply clean the probe to expose the hard gel (viscolene) reference.

**Foodcare**

HI9810342

HALO2
for Milk

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

- 0.00 to 12.00 pH range
- Glass body electrode
 - 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.
- Conical tip electrode
 - Allows for easy penetration into semisolids and is ideal for milk and yogurt products.

**Foodcare**

HI9810322

HALO2
for Cheese

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Cheese is designed to monitor pH during the cheese production process, ensuring food-hygiene and Hazard Analysis Critical Control Point (HACCP) regulations are met.

- 0.00 to 12.00 pH range
- Food grade PVDF electrode body
 - Easy to clean and disinfect.
- Conical tip electrode
 - Allows for easy penetration into solids and semisolids.

**Foodcare**

HI9810362

HALO2
for Meat

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Meat is ideal for pH measurement during the meat production process.

- 0.00 to 12.00 pH range
- Food grade PVDF electrode body
 - Easy to clean and disinfect
- Easy to clean pH electrode
 - The removable sleeve allows for cleaning, disinfecting, and refreshing (with supplied gel electrolyte) of the outer reference area.
- Conical tip electrode
 - Allows for easy penetration into solids and semisolids. Perfect for meats and sausages.

**Foodcare**

HI9810392

HALO2
for Chocolate

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Chocolate is ideal for pH measurement during the chocolate making process.

- 0.00 to 12.00 pH range
- Food grade PVDF electrode body
 - Easy to clean and disinfect
- Easy to clean pH electrode
 - The removable sleeve allows for cleaning, disinfecting, and refreshing (with supplied gel electrolyte) of the outer reference area.
- Conical tip electrode
 - Allows for easy penetration into soft solids and semisolids.

**Foodcare**

HI9810382

HALO2
for Bread & Dough

Accurate and easy to use, Hanna's HALO2 Wireless pH Tester for Bread & Dough is ideal for measuring pH during the baking process, ensuring food-hygiene and Hazard Analysis Critical Control Point (HACCP) regulations are met.

- 0.00 to 12.00 pH range
- Food grade PVDF electrode body
 - Easy to clean and disinfect.
- Conical tip electrode
 - Allows for easy penetration into solids and semisolids. Perfect for bread and dough.



Distributed by:

NELSON JAMESON

INC.

800-826-8302 nelsonjameson.com