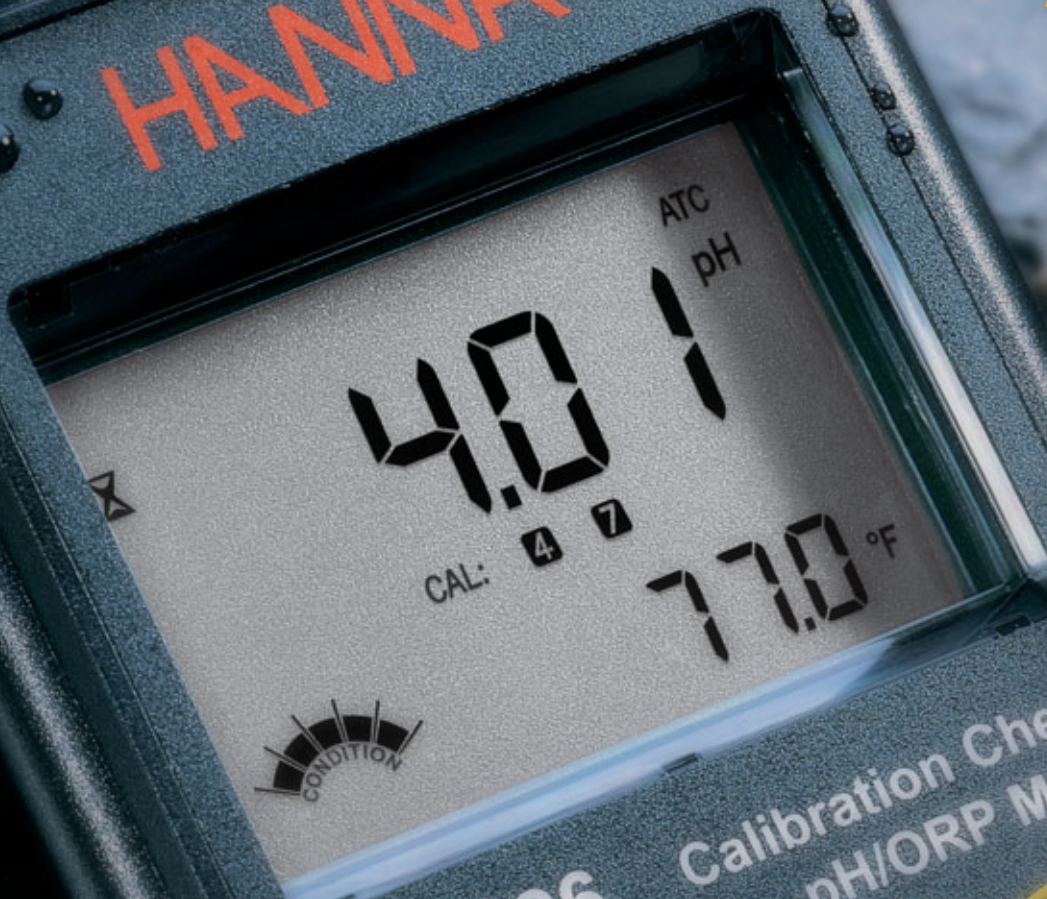


Calibration Check™

Backlight

2 Year Warranty

HANNA



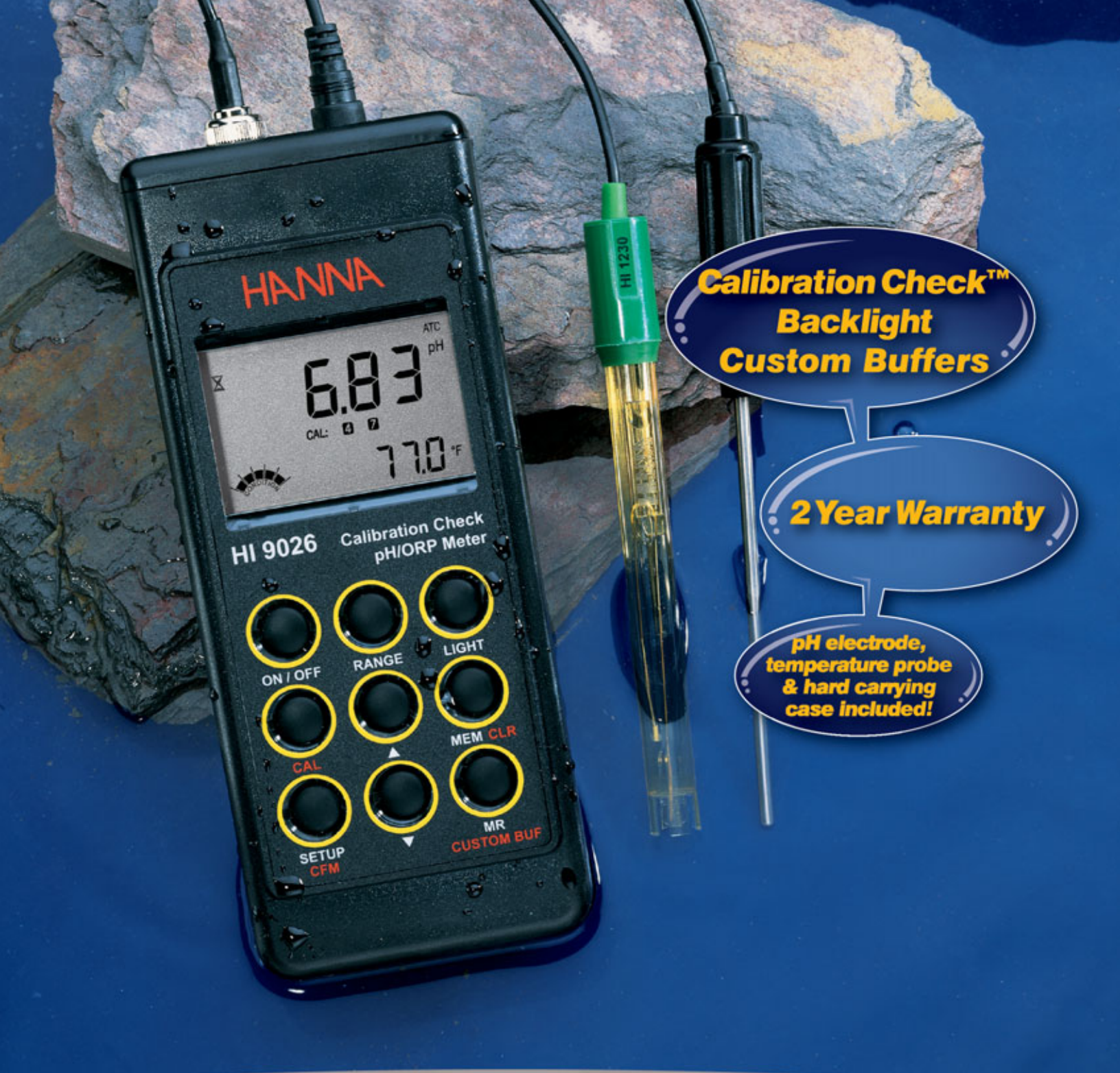
HI 9026

Calibration Check
pH/ORP Meter

HI 9026

pH ORP °C °F Portable Meter

 **HANNA**[®]
instruments
With Great Products, Come Great Results™



**Calibration Check™
Backlight
Custom Buffers**

2 Year Warranty

**pH electrode,
temperature probe
& hard carrying
case included!**

HI 9026

pH ORP °C °F Portable Meter

HI 9026 is an advanced pH/ORP meter specifically designed to provide precise measurements under harsh industrial conditions. HI 9026 is the first portable pH/ORP meter with HANNA's exclusive Calibration Check™ technology. Calibration Check™ monitors the glass bulb and reference junction of the electrode each time the instrument is calibrated. The user is warned if the pH electrode requires additional cleaning.

Calibration Check™ also detects if the buffer solution used for calibration is contaminated and needs to be replaced. HI 9026 features a push button backlit display for clear readings in the darkest of environments.

HI 9026 has extended pH and temperature scales and measures temperature in °C or °F. The millivolt scale for ORP or ISE measurements has 0.1 mV resolution up to ±700 mV. This meter is protected by a

HI 9026 Features

- Electrode monitoring
- 7 memorized buffers for calibration
- Custom calibration with two custom buffers
- Display hold and memory storage
- Real time clock for accurate calibration monitoring
- User-selectable calibration reminder
- Extended pH and temperature ranges
- Measures in °C or °F
- Backlit, Dual-level LCD
- Waterproof
- Supplied ready to use in a hard carrying case

Calibration Check™ System

Electrode Condition

The HI 9026 display features a bargraph which provides the status of the electrode after calibration. The bargraph remains active for 12 hours after calibration, then only the frame is shown on the display.

81 to 100% Life



61 to 80% Life



41 to 60% Life



21 to 40% Life



1 to 20% Life



0% Life

Clean Electrode

Each time pH calibration is performed, the meter internally compares the new calibration with the one previously stored.

When this comparison indicates a significant difference, the clean message blinks on the LCD to advise the user that the pH electrode may need to be cleaned and another calibration will need to be performed.



Expired Calibration

The instrument is provided with a real time clock (RTC) in order to monitor the time elapsed since the last pH calibration.

The RTC is reset every time the meter detects a calibration time-out. The CAL tag will start blinking to warn the user that the meter should be calibrated.



waterproof casing for use in harsh or outdoor environments. Battery life is 500 continuous hours (without backlight).

You can choose from 7 memorized buffer values for pH calibration, from very acidic (pH 1.68) to extremely alkaline (pH 12.45).

In addition, the user can program 2 custom buffer values, in order to best fit the characteristics of the sample.

When calibration is complete, the electrode condition is displayed, so the

user can be sure the electrode is working properly or that cleaning or replacement is needed. The user can also set a calibration time-out from 1 to 14 days to be notified when it is time to recalibrate the meter. The waterproof HI 9026 can also be used with ORP electrodes. HI 9026 is supplied ready to use complete with pH electrode, temperature probe, calibration solutions, batteries and instructions in a hard carrying case.

LCD Display Features



Custom Buffers

With 2 custom buffers and 7 standard buffers, the HI 9026 provides high accuracy and flexibility.



Message Alerts

During calibration, the HI 9026 continuously checks calibration parameters referencing values calculated from the last calibration. This feature is to alert the user when the electrode is dirty and could cause erroneous measurements.



Stability Indicator

The stability indicator lets you know when the meter is ready to take a reading.



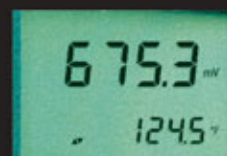
Calibration Reminder

The "Expired calibration timer" can be set to let users know that it is time to properly calibrate the HI 9026. This aids as a helpful reminder for safe and timely maintenance of the electrode for reliable measurements.



Easy On-Screen Guide

Configure the HI 9026 through an easy on screen guide. Users can select parameters such as sound, auto-off timer, temperature scale, special calibration segments and the "Expired calibration timer".



Backlit LCD

The backlit LCD allows users to perform measurements in poorly lit locations.

Specifications

| | |
|--------------------------------------|--|
| pH Range | -2.00 to 16.00 pH |
| mV Range | ±699.9 mV; ±1999 mV |
| Temperature Range | -20.0 to 120.0 °C/-4.0 °F to 248.0 °F |
| pH Accuracy (@20 °C) | ±0.01 pH |
| mV Accuracy (@20 °C) | ±0.2 mV; ±1 mV |
| Temperature Accuracy (@20 °C) | ±0.4 °C; ±0.8 °F (excluding probe error) |
| pH Resolution | 0.01 pH |
| mV Resolution | 0.1 mV; 1 mV |
| Temperature Resolution | 0.1 °C/±0.1 °F |
| Typical EMC Deviation | ±0.02 pH; ±0.2 mV/±1 mV; ±0.4 °C/±0.8 °F |
| Calibration Check | Check of the electrode status during calibration |
| pH Calibration | Automatic, 1 or 2 points with 7 memorized buffer values (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) + 2 custom buffers |
| Offset Calibration | ±1 pH |
| Slope Calibration | From 80 to 108% |
| Temperature Compensation | Automatic, from -20.0 to 120.0 °C (-4 to 248 °F) or manual, without temperature probe |
| pH electrode | HI 1230B, double junction, Ultem® body, gel filled, BNC connector and 1 m (3.3') cable (incl.) |
| Temperature probe | HI 7662 stainless steel probe with 1 m (3.3') cable (included) |
| Input impedance | 10 ¹² ohm |
| Battery Type/Life | 4 x 1.5V AA/approx. 500 hours of continuous use (without backlight) |
| Environment | 0 to 50 °C (32 to 122 °F) 100% RH |
| Dimensions | 196 x 80 x 60 mm (7.7 x 3.1 x 2.4") |
| Weight | 425 g (15 oz.) |

Ordering Information

HI 9026 is supplied complete with HI 1230B pH electrode, HI 7662 temperature probe, pH 4 & pH 7 buffer sachets (20 mL ea.) 100 mL plastic beaker, batteries, rugged carrying case and instructions.



Accessories

Calibration and Cleaning Solutions

HI 70004P
pH 4.01 buffer sol., 20 mL, 25 pcs

HI 70006P
pH 6.86 buffer sol., 20 mL, 25 pcs

HI 70007P
pH 7.01 buffer sol., 20 mL, 25 pcs

HI 70009P
pH 9.18 buffer sol., 20 mL, 25 pcs

HI 70010P
pH 10.01 buffer sol., 20 mL, 25 pcs

HI 7001L
pH 1.68 buffer solution, 500 mL

HI 7004L
pH 4.01 buffer solution, 500 mL

HI 7006L
pH 6.86 buffer solution, 500 mL

HI 7007L
pH 7.01 buffer solution, 500 mL

HI 7009L
pH 9.01 buffer solution, 500 mL

HI 7010L
pH 10.01 buffer solution, 500 mL

HI 70300L
Storage solution, 460 mL

HI 70000P
Electrode rinse sol., 20 mL, 25 pcs

HI 7061L
General cleaning solution, 460 mL

HI 7073L
Protein cleaning solution, 460 mL

HI 7074L
Inorganic cleaning solution, 460 mL

HI 7077L
Oil & fat cleaning solution, 460 mL

HI 7091L
Reducing pretreatment sol., 460 mL

HI 7092
Oxidizing pretreatment sol., 460 mL

HI 7020L
Test solution 200-275 mV, 500 mL

HI 7021L
Test solution 240 mV, 500 mL

pH Electrodes with BNC connector & 1 m (3.3') cable

HI 1043B
Glass body, double junction, refillable, combination pH electrode

HI 1053B
Glass body, triple ceramic, conic shape, refillable, combination pH electrode

HI 1083B
Glass body, micro, Viscolene, non-refillable, combination pH electrode

HI 1131B
Glass-body, single junction, refillable, combination pH electrode

HI 1331B
Glass body, semimicro, single junction, refillable, combination pH electrode

HI 1230B
Plastic body (Ultem®), double junction, gel-filled, combination pH electrode

HI 2031B
Glass body, semimicro, conic, refillable, combination pH electrode

HI 1332B
Plastic-body (Ultem®), double junction, refillable, combination pH electrode

FC 100B
Plastic body (Kynar®), double junction, refillable, combination pH electrode

FC 200B
Plastic body (Kynar®), open junction, conic, Viscolene, non-refillable, combination pH electrode

FC 210B
Glass body, double junction, conic, Viscolene, non-refillable, combination pH electrode

FC 220B
Glass body, triple-ceramic, single junction, refillable, combination pH electrode

FC 991B
Plastic body (Kynar®), double junction, refillable with built-in amplifier, combination pH electrode

HI 1413B
Glass body, single junction, flat-tip, Viscolene, non-refillable, combination pH electrode

ORP Electrodes with BNC connector and 1 m (3.3') cable

HI 3131B
Glass-body, refillable, combination ORP electrode

HI 3230B
Plastic body (Ultem®), gel-filled, combination platinum ORP electrode

HI 4430
Plastic body (Ultem®), gel-filled, combination gold ORP electrode

Other Accessories

HI 7662
Temperature probe

HI 76405
Electrode holder

HI 8427
pH and ORP electrode simulator with 1 m (3.3') coaxial cable ending in BNC connectors

HI 8427
pH and ORP electrode simulator with LCD and 1 m (3.3') coaxial cable ending in BNC connectors

HI 9026

pH ORP °C °F Portable Meter

Authorized Distributor

MBH ENGINEERING SYSTEMS
HANNA STOCKING DISTRIBUTOR-REPRESENTATIVE
sales@mbhes.com 781-334-2600



HANNA[®]
instruments
With Great Products, Come Great Results™
www.hannainst.com