



# Checker<sup>®</sup> Plus

pH Tester





Over 1 million users  
since its introduction

HI180 mini stirrer with Speedsafe™ technology  
sold separately

## HI98100 Checker® Plus pH Tester

The HI98100 Checker Plus is the next generation of the original Hanna Checker pH tester. The Checker is by far one of the most popular pH meters in the world with over 1 million meters used since its introduction in 1991. From students to researchers, the Checker has been helping people with their pH measurements as a meter that is simple to use and operate.

The HI98100 Checker Plus pH tester has been designed with many advanced features while maintaining the look and feel of the original Checker. The Checker Plus now offers automatic calibration to one or two points, automatic buffer recognition, calibrated buffer tags, stability indicator, low battery indicator, and selectable automatic shut off. The Checker plus still maintains the iconic pentagon design with a probe measuring 103 mm in length that is tapered to an 8 mm diameter, making it ideal for measurements in test tubes and vials.

## Features

- **Replaceable pH Electrode**
  - The supplied HI1271 pH electrode is 103 mm long and tapers to an 8 mm diameter at the sensing end to easily fit into test tubes, vials, and other containers with small a opening.
- **Economical**
  - The Checker Plus is a full-featured pH tester at a price that anyone that needs to measure pH can afford.
- **High accuracy**
  - The Checker Plus features  $\pm 0.2$  pH accuracy with 0.01 resolution.
- **Large LCD**
  - Enhanced LCD that displays reading, stability indicator, low battery indicator, and calibration tags.
- **Automatic Calibration**
  - The Checker Plus is calibrated automatically to one or two points. The calibration buffers are automatically recognized and after calibration the buffer values used are shown on the display as a tag.
- **Stability Indicator**
  - An hourglass indicator is displayed on the LCD until a stable reading is obtained. Once a reading stabilizes, the indicator disappears and a reading can be recorded.
- **Automatic Shut-off**
  - The meter can be set to automatically turn off after 8 minutes or 60 minutes to conserve battery life in the event that the meter is left on. The auto-off feature can also be disabled.
- **Long Battery Life**
  - The Checker Plus has a long battery life of approximately 1000 hours. When the battery power is running low a battery indicator is displayed.
- **Plastic Carrying Case**
  - The HI98100 Checker Plus is supplied complete with meter, probe, calibration solutions, and cleaning solutions packaged in a durable plastic carrying case.



The HI1271 pH electrode can be easily replaced. Just unscrew the electrode from the meter body and screw on a new one.

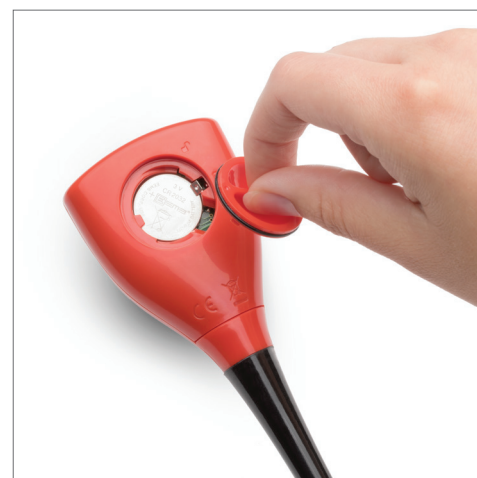


Calibration can be performed directly in our solution sachets.

## Specifications

### HI98100 Checker® Plus

pH	Range	0.00 to 14.00 pH
	Resolution	0.01 pH
	Accuracy (@25°C/77°F)	$\pm 0.2$ pH
Additional Specifications	Calibration	automatic, one or two-point
	Electrode	HI1271 (included)
	Battery Type / Life	CR2032 Li-ion / approximately 1000 hours of continuous use
	Auto-off	8 minutes, 60 minutes, or can be disabled
	Environment	0 to 50°C (32 to 122°F); RH 95% max
	Dimensions	50 x 174 x 21 mm (2 x 6.8 x 0.9")
	Weight	50 g (1.8 oz)



An easily removable cover provides access to the replaceable battery.



calibration tags

one or two-point calibration

stability indicator

low battery indicator

large LCD readout

one button operation

replaceable probe

## HI98100 Checker® Plus is supplied with:



## Accessories

### Electrode

<b>HI1271</b>	pH electrode for Checker Plus
---------------	-------------------------------

### pH Buffer Solution

<b>HI70004P</b>	pH 4.01 buffer solution, 20 mL sachets (25)
<b>HI70007P</b>	pH 7.01 buffer solution, 20 mL sachets (25)
<b>HI70010P</b>	pH 10.01 buffer solution, 20 mL sachets (25)
<b>HI77400P</b>	pH 4.01 & 7.01 buffer solution, 20 mL sachets (10 pcs., 5 ea.)
<b>HI770710P</b>	pH 10.01 & 7.01 buffer solution, 20 mL sachets (10 pcs., 5 ea.)

### Electrode Cleaning Solution

<b>HI700601P</b>	general purpose cleaning solution, 20 mL sachets (25)
------------------	---

### Electrode Storage Solution

<b>HI70300M</b>	electrode storage solution, 230 mL bottle
-----------------	---

### Magnetic Stirrer

<b>HI180</b>	black mini stirrer with Speedsafe™ technology
--------------	---

