HI98100 · HI98103

Checker® pH Testers

The latest HI98103 Checker and HI98100 Checker Plus are 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.

These Checker pH testers have been designed with many advanced features while maintaining the look and feel of the original Checker. The HI98100 Checker Plus and HI98103 Checker now offer automatic calibration to one or two points, automatic buffer recognition, calibrated buffer tags, stability indicator, low battery indicator, and selectable automatic shut off. Both the Checker and Checker Plus maintain 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.

Over 1 million users since its introduction



DOMINIQUE DUTSCHER SAS

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 openings.

Economical

The Checker and Checker Plus are full-featured pH testers at an affordable price.

High accuracy

The HI98100 Checker Plus features ±0.2 pH accuracy with 0.01 resolution while the HI98103 features 0.1 resolution.

Large LCD

Enhanced LCD that displays reading, stability indicator, low battery indicator, and calibration tags.

Automatic Calibration

These meters are 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

These meters 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

These Checkers have 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 and HI98103 are 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.



Supplied in a carrying case with buffer and cleaning solutions.

Specifications		HI98100 Checker®Plus	HI98103 Checker
pH	Range	0.00 to 14.00 pH	0.0 to 14.0 pH
	Resolution	0.01 pH	0.1 pH
	Accuracy (@25°C/77°F)	±0.2 pH	
	Calibration	automatic, one or two-point	
Additional Specifications	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 x174 x 21 mm (2 x 6.8 x 0.9")	
	Weight	50 g (1.8 oz)	
Ordering Information		**HI98100 (Checker)** and **HI98103 (Checker Plus)** are supplied with HI1271 pH electrode, pH 4.01 buffer solution sachet (2), pH 7.01 buffer solution sachet (2), electrode cleaning solution sachet (2), battery, quality certificate, and instruction manual in a carrying case.	

DOMINIQUE DUTSCHER SAS

pH solutions begin on page 2.160; see pH electrode specifications on page 1.69