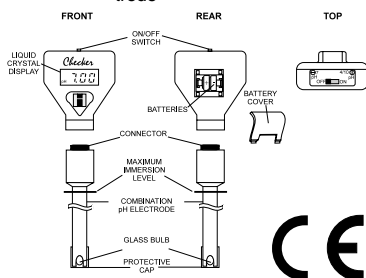


Checker®

- Checker® 1: with HI 1270 screw-type pH electrode
- Checker® 2: with HI 1207 screw-type pH electrode
- Checker® 3: with HI 1208 BNC-type electrode



SPECIFICATIONS:

- Range** 0.00 to 14.00 pH
- Resolution** 0.01 pH
- Accuracy** ±0.2 pH (@20°C/68°F)
- Typical EMC Deviation** ±0.1 pH

Checker®

- Calibration** Manual two points
- Electrode:** combination stick pH electrode
- Checker® 1: **HI 1270 (included)**
- Checker® 2: **HI 1207 (included)**
- Checker® 3: **HI 1208 (included)**
- Environment** 0 to 50°C (32 to 122°F); 95% RH max.
- Battery Type** 2 x 1.4V alkaline
- Life** approx. 3,000 hours of continuous use
- Dimensions** 66 x 50 x 25 mm (2.6 x 2 x 1")
- Weight (meter)** 70 g (2.5 oz.)

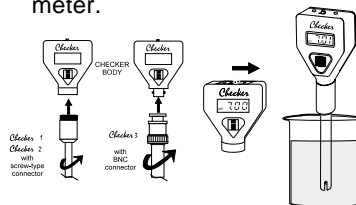
INITIAL PREPARATION:

The pH electrode is shipped dry. Prior to using the Checker®, remove the protective cap and condition the electrode by soaking the tip (bottom 4 cm/1½") in pH 7.01 buffer solution for a couple of hours. Then follow the calibration procedure below.

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OPERATION:

- Do not be alarmed if white crystals appear around the cap. This is normal with pH electrodes and they dissolve when rinsed with water.
- If the electrode is dry, soak it in tap water for a few minutes, prior to use.
- Connect the electrode to the meter.



- Switch the Checker® on.
- Remove the protective cap and immerse the tip of the electrode (bottom 4cm/1½") into your sample.

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- Stir gently and wait until the display stabilizes.
- For best results, recalibrate periodically.
- NEVER IMMERS**E THE ELECTRODE UP TO THE CONNECTOR. ALWAYS KEEP THE CONNECTOR CLEAN AND DRY.
- After use, rinse the electrode with water to minimize contamination.
- Store the electrode with a few drops of **HI 70300 Storage Solution** in the protective cap.
- DO NOT USE** DISTILLED OR DEIONIZED WATER FOR STORAGE PURPOSES.
- Always replace the protective cap after use.

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CALIBRATION:

- Dip the tip of the electrode (bottom 4cm/1½") in a sample of pH 7.01 buffer at room temperature. Allow the reading to stabilize.
- Use a small screwdriver to adjust the pH 7 trimmer until the display reads "7.01".
- Rinse the electrode with water and dip it in a sample of pH 4.01 (or 10.01) buffer solution. Allow the reading to stabilize.
- With a small screwdriver adjust the pH 4/10 trimmer until the display reads the chosen buffer value.

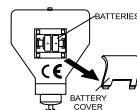


Checker®

- Calibration is now complete.
ALWAYS USE FRESH BUFFERS FOR CALIBRATION

BATTERY REPLACEMENT:

Replace the batteries when the display fades, or Checker® cannot be switched on. Remove the battery cover on the back of the meter. Insert 2 new 1.4V batteries while paying attention to their polarity. Batteries should only be replaced in a safe area using the battery type specified in this instruction manual.



ACCESSORIES:

- HI 1207** Combination pH electrode 12 mm diameter with screw-type connector

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- HI 1208** Combination pH electrode 12 mm diameter with BNC connector
- HI 1270** Combination pH electrode, 9 mm diameter with screw-type connector
- HI 70300M** Storage solution (230 mL)
- HI 76504/P2** 2x1.4V alkaline batteries

Choose from the following 20 mL sachet solutions:

- HI 70000P** Electrode cleaning/rinse solution (25 pcs.)
- HI 70004P** pH 4 buffer solution (25 pcs.)
- HI 70007P** pH 7 buffer solution (25 pcs.)
- HI 70010P** pH 10 buffer solution (25 pcs)

Checker®

SUGGESTIONS FOR USERS:

Before using this product, make sure that it is entirely suitable for the environment in which it is used. Operation of this instrument in residential areas could cause interference to radio and TV equipment. The glass bulb at the end of the pH electrode is sensitive to electrostatic discharges. Avoid touching this glass bulb at all times. During operation of instrument, ESD wrist straps should be worn to avoid possible damage to the pH electrode by electrostatic discharges. Any variation introduced by the user to the supplied equipment may degrade the instrument's EMC performance. To avoid electrical shocks, do not use this instrument when voltage at the measurement surface exceeds 24 VAC or 60 VDC. To avoid damage or burns, do not perform any measurement in microwave ovens.

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<http://www.hannainst.com>

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