

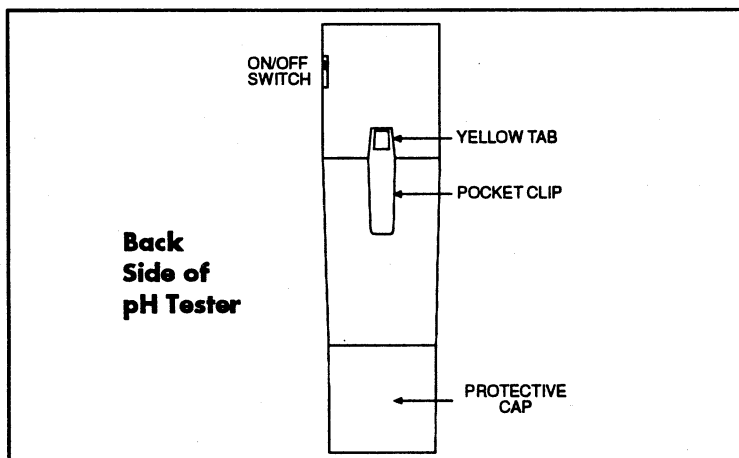


HHpH1-R Replacement Electrode Module

Replacing the Electrode Module

To replace the electrode module:

1. Press the yellow tab on the back of the unit above the pocket clip and gently pull the electrode module off the electronic assembly.



2. Slide the new electrode module onto the electronic assembly until the yellow tab locks into place.

Before First Use

After replacing the electrode module, you must condition the unit before first use. To do this, remove the protective cap and immerse the electrode module in tap water for 30 minutes to hydrate the electrode and dissolve any crystals that may have formed. **CAUTION: NEVER IMMERS THE TESTER ABOVE THE YELLOW PLUG-IN ELECTRODE.**

After conditioning the electrode, perform pH calibration (see next section). Temperature is factory calibrated; therefore, temperature calibration should not be necessary. However, if temperature readings are inaccurate, refer to the Temperature Calibration section of the pH Tester manual or the label located below the battery compartment of the electrical assembly for temperature calibration instructions.

Preparing the pH Buffer Solutions (for pH Calibration)

Two color-coded pH buffer solution capsules are provided for pH calibration. The unit must be pH calibrated when you replace the electrode module.

1. Empty and dissolve the contents of the **ORANGE (pH 4.0)** capsule into a clean container containing 100 mL of distilled or deionized water.
This provides a pH 4.0 solution for pH calibration.
2. Empty and dissolve the contents of the **GREEN (pH 7.0)** capsule into a second clean container containing 100 mL of distilled or deionized water.

This provides a pH 7.0 solution for pH calibration.

NOTE: These solutions will maintain their pH value for approximately two weeks.

pH Calibration

pH calibration is required to maintain instrument accuracy. Calibration should be performed on a regular basis; however, frequency of calibration is application dependent.

1. Turn on the power switch at the right side of the unit and set the selector switch to the pH position. Remove the end cap and the place tester in a container of pH 7.0 buffer solution. Stir gently and wait a few seconds.
2. After the reading has stabilized, adjust (S) trimmer with a small screwdriver to a reading of 7.0.
3. Rinse the electrode with distilled or deionized water. Shake the unit with a gentle snap motion to remove excess water from the probe.
4. Place the tester in a container of pH 4.0 or 10.0 buffer solution and adjust (Z) trimmer for a reading of 4.0 or 10.0.
5. Rinse the electrode with distilled or deionized water. Shake the unit with a gentle snap motion to remove excess water from the probe.
6. Repeat above steps as required.

For technical or application assistance please call:

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