



HI-54710-11 COMBINATION PH BUFFER SOLUTION KIT

Reference: HI-54710-11

Hanna combi-pack of 500ml solutions for convenience. Achieve accurate pH readings and check your meter and electrode is functioning correctly with Hanna ready-made buffer, storage and cleaning solutions.

- ✓ Air tight bottle with tamper-proof seal
- ✓ 500ml bottles

FULL DESCRIPTION

HI-54710-11 combination pH Buffer Solution kit

The HI-54710-11 is a pH buffer solution kit containing a 500 mL bottle of the following solutions:

- pH 4.01 (HI-7004L)
- pH 7.01 (HI-7007L)
- pH 10.01 (HI-7010L)
- Electrode storage solution (HI-70300L)
- Electrode cleaning solution (HI-7061L)

The pH 4.01 buffer in a 500ml bottle is one of the most commonly used buffer solutions. It is extremely stable and represents the mid-way point in the acid range of the pH scale - ideal for those requiring an accurate acid reading, particularly those working in water purification plants, the food industry, and wherever the pH is expected to be acidic.

pH 7.01 is ideal for those requiring an accurate neutral reading, particularly those working in water purification plants, the food industry, aquatics, and Hydroponics, and wherever the pH is expected to be neutral. Latest Hanna portable and bench microprocessor instruments are calibrated with pH 7.01.

The pH 10.01 buffer in a 500ml bottle is the most popular buffer used before analysing basic samples. Ideal for those requiring an accurate alkaline reading, particularly suitable for those working in water purification plants, the food industry, aquatics, and Hydroponics, and in any environments where the pH is expected to be alkaline.

HI-7061L is a general purpose cleaning solution which can be used for a variety of applications. Electrodes become dirty from use and will produce inaccurate results even if they read correctly in a pH buffer. Hanna's cleaning solutions eliminate impurities and residues which are left on electrode surfaces when immersed in samples during measurement or when stored incorrectly.

At Hanna, we suggest cleaning the bulb and junction of your electrode on a regular basis in our ready-to-use cleaning solutions to ensure that the probe is always clean and to prevent any clogging of the junction.

All cleaning solutions are packaged in an air tight bottle with tamper-proof seal to ensure quality and freshness. All solutions show a batch number and expiry date.

HI-70300L is a storage solution prepared with reagent grade chemicals which can be used to ensure maximum performance of your pH and ORP electrodes.

After cleaning your electrode with one of our wide range of cleaning solutions, rinse with tap water, then soak the electrode in Hanna specially formulated Storage Solution (HI-70300 or HI-80300) before taking measurements. pH 4.01 or pH7.01 buffer solution can be used if Storage Solution is running low.

Between measurements, storage solutions minimise microbial growth and prevent any effects of diffusion and Osmosis, as well as keeping the sensor tip and reference junction hydrated and clear – all important for an optimum response time and measurement.

Air-tight bottles with tamper-proof seals ensure quality and freshness of storage solution. Each bottle is marked with a batch number and expiry date.



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.