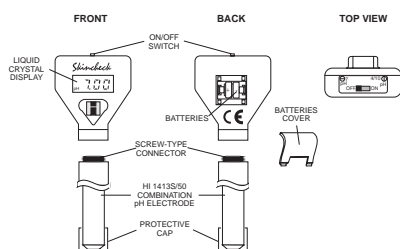


# Skincheck



## Specifications

<b>Range</b>	0.00 to 14.00 pH
<b>Resolution</b>	0.01 pH
<b>Accuracy (@20°C/68°F)</b>	±0.2 pH
<b>Typical EMC Deviation</b>	±0.1 pH
<b>Calibration</b>	Manual two points
<b>Electrode</b>	combination pH electrode (included)
<i>Skincheck</i>	<b>HI 1413S/50</b>
<i>Skincheck1</i>	<b>HI 1413B/50</b>

# Skincheck

<b>Environment</b>	0 to 50°C (32 to 122°F), 95% RH
<b>Battery Type</b>	2 x 1.4V
<b>Life</b>	3000 hours of continuous use
<b>Dimensions</b>	66 x 50 x 25 mm (2.6 x 2 x 1")
<b>Weight</b>	
<i>Skincheck</i>	70 g (2.5 oz.)
<i>Skincheck1</i>	90 g (3.2 oz.)

## Initial Preparation

The pH electrode is shipped dry. Prior to using the *Skincheck*, remove the protective cap and recondition the electrode by soaking the tip (2cm/1") in HI 70300 storage solution for a couple of hours. Perform the calibration procedure as described below and the meter will be ready for taking measurements.

# Skincheck

## Operating Instructions

- Switch the meter on and remove the protective cap.
- Place the tip of the flat electrode on the surface to be measured (skin or scalp).
- For best results, wet the surface with distilled water or a neutral disinfectant.
- The supplied electrode can also measure pH in liquids. Immerse the tip of the electrode (the bottom 2cm/1") into solution. Stir gently and wait until the display stabilizes.
- For best results, recalibrate periodically (see below).
- Do not be alarmed if white crystals appear around the cap.



- This is normal with pH electrodes and they dissolve when rinsed with water.
- NEVER IMMERSE 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.
  - Always replace the protective cap after use.
- DO NOT USE DISTILLED OR DEIONIZED WATER FOR STORAGE PURPOSES.

## Skincheck

### Calibration

- Dip the tip of the electrode (2cm/1") of *Skincheck* in a sample of pH 7.01 buffer (from **HI 774P Calibration Kit**). 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. Allow the reading to stabilize.
- With a small screwdriver adjust the pH 4/10 trimmer until the display reads "4.01".

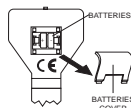


## Skincheck

- Calibration is now complete.  
ALWAYS USE FRESH BUFFERS FOR CALIBRATION & NEVER REUSE THEM.

### Battery Replacement

Replace the battery when the display fades or *Skincheck* cannot be switched on or segments are missing. Remove the battery cover on the back of the meter. Insert 2 new 1.4V batteries while paying attention to their polarity. Battery replacement must only take place in a non hazardous area using the battery types specified in this instruction manual.



## Skincheck

### Accessories

- HI 1413S/50** Glass-body, flat tip, combination pH electrode, Viscolene, 12 mm diameter with screw-type connector (for *Skincheck*)
- HI 1413B/50** Glass-body, flat tip, combination pH electrode, Viscolene, 12 mm diameter, BNC connector with 1m (3.3') cable (for *Skincheck*1)
- HI 774P** Calibration kit pH7.01 & pH4.01 (30 ml ea.), with screwdriver
- HI 7004L** Buffer solution pH 4.01 (460 ml)
- HI 7007L** Buffer solution pH 7.01 (460 ml)

## Skincheck

- HI 70300L** Storage solution (460 ml)
- HI 76504/P2** 2x1.4V batteries

### Recommendations 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 area could cause unacceptable interferences to radio and TV equipments, requiring the operator to take all necessary steps to correct interferences. The glass flat tip at the end of the electrode is sensitive to electrostatic discharges. During operation, ESD wrist straps should be worn to avoid possible damage to the electrode by electrostatic discharges. Any variation introduced by the user to the supplied equipment may degrade the instrument's EMC performance. To avoid electrical shock, do not use this instrument when voltages at the measurement surface exceed 24VAC or 60VDC. To avoid damages or burns, do not perform any measurement in microwave ovens.

