

HI981037

## Skin & Scalp pH Tester

with specialized probe

The HI981037 is a tester made specifically for measuring the pH of the skin and scalp. This meter uses a flat tip electrode with an open reference junction that allows for the direct contact surface measurement of pH. An open junction design is necessary in order to permit contact between the internal reference cell and the surface of the skin.

The pH of the skin is slightly acidic at a pH of approximately 5. Having an acidic pH helps to protect against harmful bacteria and fungi while promoting the growth of beneficial bacteria. Disruption of the skin pH can lead to or amplify skin disorders. Many skin care products and soaps are made to be pH balanced so that the product does not alter the pH of skin outside a desirable range.

### Electrode features:

- **Flat tip pH Electrode**
  - A flat tip electrode allows for the direct pH measurement of a surface.
- **Open reference junction**
  - The pH electrode of this tester uses an open outer junction design. The open junction provides for a direct contact with the skin or scalp for the electrode to work with minimal moisture for a stable measurement.
- **Glass Body**
  - The glass body of the pH electrode is not porous and can be cleaned and disinfected.

### Tester features:

- **Large LCD**
  - Displays the measurement reading, stability indicator, low battery indicator, and calibration tags.
- **Automatic Calibration**
  - This pH tester is calibrated automatically to one or two points. Buffers are recognized automatically and after calibration, buffer values used are shown on the display.
- **Automatic temperature compensation**
- **Stability Indicator**
  - An hourglass indicator is displayed on the LCD until a stable reading is obtained.
- **Automatic Shut-off**
  - The meter 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.
- **Probe Diagnostic**
  - During calibration the meter will display an error (Err) message as an indicator that the probe needs to be cleaned.
- **Long Battery Life**
  - The skin & scalp pH tester has an exceptional battery life of approximately 700 hours. When the battery power is running low, a low battery indicator is displayed.



### Flat tip electrode

Easy to clean electrode with a maintenance-free gel electrolyte



### Supplied complete

Supplied complete with meter, probe, calibration solutions, and cleaning solutions.

Specifications	HI981037	
pH	Range	0.00 to 12.00 pH
	Resolution	0.01 pH
	Accuracy (@25°C/77°F)	±0.05 pH
	Calibration	automatic, one or two-point
Additional Specifications	Temperature Compensation	automatic, 0 to 50°C (32 to 122°F)
	Battery Type / Life	CR2032 Li-ion / approx. 700 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	51 x 124 x 21 mm (2 x 4.9 x 0.9")
	Weight	46 g (1.6 oz.)
Ordering Information	HI981037 is supplied with pH 4.01 buffer solution sachet (2), pH 7.01 buffer solution sachet (2), cleaning and disinfection solution sachet for skin residuals, electrode cleaning solution sachet for skin grease and sebum, electrode storage solution (13 mL), CR2032 3V Li-ion battery, quality certificate, and instruction manual.	

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