

HI99181

Portable pH Meter

for Skin

- Automatic Temperature Compensation (ATC)
- Two-Point calibration
- Battery Error Prevention System (BEPS)
 - Alerts the user of low battery power that could adversely affect readings
- Waterproof
 - Compact, heavy-duty, and waterproof protected casing
- Battery life indicator
 - Battery percentage displayed on startup
- Help feature
 - Tutorial messages displayed on LCD

The HI99181 is a pH meter specifically designed for the analysis of skin. Essential for labs researching the biological compatibility of cosmetics and pharmaceuticals, the HI99181 provides quick and simple measurements without compromising precision.

The pre-amplified HI1414D/50 probe has been specially designed with a flat tip for accurate skin pH measurement with maximum surface contact. It is easy to clean and maintain.



- Optional shockproof rubber boot
 - Specially designed to protect your instrument from damage or impact

HI710023 Orange

HI710024 Blue

* Limits will be reduced to actual sensor limits



3.58



Specifications

HI99181

| | | |
|---------------------------|--------------------------|--|
| pH* | Range | -2.00 to 16.00 pH |
| | Resolution | 0.01 pH |
| | Accuracy | ±0.02 pH |
| | Calibration | one or two-point calibration, two sets of standard buffers available (4.01, 7.01, 10.01 or NIST 4.01, 6.86, 9.18) |
| | Temperature Compensation | automatic from -5.0 to 105.0°C (23 to 221°F) |
| Temperature* | Range | -5.0 to 105.0°C; 23.0 to 221.0°F |
| | Resolution | 0.1°C; 0.1°F |
| | Accuracy | ±0.5°C (up to 60°C), ±1.0°C (outside); ±1.0°F (up to 140°F), ±2.0°F (outside) |
| Additional Specifications | Electrode | HI1414D/50 glass body, pre-amplified pH electrode with flat tip, internal temperature sensor, DIN connector and 1 m (3.3') cable |
| | Battery Type / Life | 1.5V AAA (3) / approximately 1200 hours of continuous use |
| | Auto-off | after 8 minutes of non-use |
| | Environment | 0 to 50°C (32 to 122°F); RH max. 100% |
| | Dimensions / Weight | 152 x 58 x 30 mm (6.0 x 2.3 x 1.2") / 205 g (7.2 oz.) |

Ordering Information

HI99181 is supplied with HI1414D/50 flat tipped pH/temperature probe, HI70004 pH 4.01 buffer solution sachet, HI70007 pH 7.01 buffer solution sachet, HI700620 electrode cleaning and disinfection solution for skin residuals sachets (2), HI700621 electrode cleaning solution for skin grease and sebum sachets (2), batteries, instructions and hard carrying case.

pH solutions begin on page 3.100