

pH Meter for Skin

- Pre-amplified flat-tip pH electrode with built-in temperature sensor allows for maximum surface contact
- Multi-level LCD display
- On-screen tutorial messages for calibration and set-up
- Automatic Temperature Compensation
- Automatic one or two point calibration
- BEPS
(Battery Error Prevention System) alerts the user in the event that low battery power could adversely affect readings
- Battery % displayed on startup
- Compact, heavy-duty, and waterproof
- Easy to clean and keep clean

HI 99181 is a pH meter specifically designed for skin analysis. Essential for labs researching the biological compatibility of cosmetics and pharmaceuticals. HI 99181 provides quick and simple measurements without compromising precision.

The amplified HI 1414D/50 probe has been specially designed with a flat tip for accurate skin pH measurement with maximum surface contact.

ORDERING INFORMATION

HI 99181 is supplied with HI 1414D/50 flat tipped pH/temperature probe, HI 70004 pH 4.01 buffer solution sachet, HI 70007 pH 7.01 buffer solution sachet, HI 700620 electrode cleaning and disinfection solution for skin residuals sachets (2), HI 700621 electrode cleaning solution for skin grease and sebum sachets (2), batteries, instructions and hard carrying case.

ELECTRODES

HI1414D/50 Glass body, pre-amplified pH electrode with flat tip, internal temperature sensor, DIN connector and 1 m (3.3') cable

SOLUTIONS

HI 5004L pH 4.01 buffer solution, 500 mL
HI 5007L pH 7.01 buffer solution, 500 mL
HI 700620P Electrode cleaning & disinfection solution for skin residuals, 20 mL sachets (25)
HI 700621P Electrode cleaning solution for skin grease and sebum, 20 mL sachets (25)
HI 70960 Electrolyte solution for sample preparation, 30 mL
HI 70300L Electrode storage solution, 500 mL

ACCESSORIES

HI 710023 Orange protective rubber boot
HI 710024 Blue protective rubber boot



SPECIFICATIONS		HI 99181
Range	pH	-2.00 to 16.00 pH
	Temperature	-5.0 to 105.0°C/23.0 to 221.0°F
Resolution	pH	0.01 pH
	Temperature	0.1°C/0.1°F
Accuracy (@20°C)	pH	±0.02 pH
	Temperature	±0.5°C (up to 60°C), ±1.0°C (outside) / ±1.0°F (up to 140°F); ±2.0°F (outside)
pH Calibration		automatic one or two point calibration with two sets of memorized buffers (Standard 4.01, 7.01, 10.01 or NIST 4.01, 6.86, 9.18)
Temperature Compensation		automatic, -5.0 to 105.0°C (23 to 221°F)
Probe (included)		HI 1414D/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 eight minutes of non-use
Environment		0 to 50°C (32 to 122°F); RH max. 100%
Dimensions		152 x 58 x 30 mm (6.0 x 2.3 x 1.2")
Weight		205 g (7.2 oz.)

NT(주)뉴텍계기

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