

pH Meter for Boiler and Cooling Towers

- Dedicated to boiler and cooling tower applications
- Flat-tipped, pre-amplified pH probe with titanium body
- 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 flat-tip sensor

HI 99141 is a waterproof, portable pH/temperature meter supplied with a flat tip probe specifically designed for boiler and cooling tower applications.

The HI 72911D pre-amplified double junction pH probe features a recessed flat tip that is easy to clean and prevents solids in solutions from collecting on the sensor. The titanium body of the HI 72911D functions as a potential matching pin for increased stability of readings and extended sensor life.

ORDERING INFORMATION

HI 99141 is supplied with HI 72911D pH/temperature probe, HI 70004 pH 4.01 buffer solution sachet, HI 70007 pH 7.01 buffer solution sachet, HI 700661 electrode cleaning solution sachets (2), batteries, instructions and hard carrying case.

ELECTRODES

HI 72911D Titanium body, pre-amplified pH electrode with internal temperature sensor, DIN connector, 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 5010L pH 10.01 buffer solution, 500 mL
HI 70300L Electrode storage solution, 500 mL
HI 700670P Electrode cleaning solution for salt deposits, 20 mL sachets (25)
HI 700671P Electrode cleaning and disinfection solution for algae, fungi and bacteria, 20 mL sachets (25)

ACCESSORIES

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

• Titanium probe body

The HI 72911D is encased in a titanium casing for maximum protection and shielding.



SPECIFICATIONS		HI 99141
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)
Electrode		HI 72911D titanium body, pre-amplified pH electrode with internal temperature sensor, DIN connector and 1 m (3.3' cable) (included)
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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