

# pH Meter for Plating Baths



## • Titanium probe body

The HI 62911D is encased in a titanium casing for maximum protection and shielding

- 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 sensor  
The flat tip sensor is easy to clean and keep clean by design

HI 99131 is a waterproof, portable pH and temperature meter supplied with a flat tip probe specifically designed for use in plating baths.

The HI 62911D 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 62911D functions as a potential matching pin for increased stability of readings and extended sensor life.

SPECIFICATIONS		HI 99131
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 62911D titanium body, pre-amplified pH probe 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 8 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.)

## ORDERING INFORMATION

HI 99131 is supplied with HI 62911D pH 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 62911D** Titanium body, pre-amplified pH probe with 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 5010L** pH 10.01 buffer solution, 500 mL  
**HI 7061L** Electrode cleaning solution, 500 mL  
**HI 70300L** Electrode storage solution, 500 mL

## ACCESSORIES

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