

HI-991001

pH & temperature meter

Extended Range Portable pH Meter

Multi-level LCD display; Display the current measurement simultaneously with the current temperature.

On-screen tutorial messages

Automatic Temperature Compensation

Automatic one or two point calibration

HI 1296 pH/Temperature probe in titanium enclosure

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 water resistant



HI 991001 is ideal for plating baths, wastewater, swimming pool and spa water quality and environmental applications.

The HI 1296D pH/temperature probe features an easy to clean recessed tip that prevents solids in solutions from collecting on the sensor. The AISI 316 stainless steel and titanium body of these probes function as a potential matching pin for increased stability of readings and extended sensor life.

This compact instrument fits in the palm of your hand and the bottom probe connection ensures the electrode cable doesn't get in your way.

Order Information:

HI 991001 is supplied with HI 1296D pH/ORP probe with internal temperature sensor, HI 70004 pH 4.01 buffer sachet,

HI 70007 pH 7.01 buffer sachet, HI 700661 electrode cleaning solution sachet (2), batteries, instructions and rugged carrying case.

Specifications

Accuracy	pH	±0.02 pH
	Temperature	±0.5°C (up to 60°C), ±1°C (outside); ±1.0°F (up to 140°F), ±2°F (outside)
Battery Type / Life		3 x 1.5V AA / approx. 2000 hours of continuous use: auto-off after 8 minutes of non-use
Dimensions		150 x 80 x 36 mm (5.9 x 3.1 x 1.4")
Electrode		HI 1296D amplified pH electrode with internal temperature sensor, DIN connector and 1 m (3.3') cable (included)
Environment		0 to 50°C (32 to 122°F); RH max 100%
pH Calibration		automatic, 1 or 2 point with 2 sets of memorized buffer values (pH 4.01 / 7.01 / 10.01 or pH 4.01 / 6.86 / 9.18)
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
Temperature Compensation		Automatic, -5 to 105°C (23 to 221°F) for pH readings
Weight		210 g (7.4 oz.)

Accessories

ACCESSORY

HI-710023 Rubber both orange
HI-710024 Rubber both blue

ELECTRODES

HI-1296D pH/°C electrode for HI-991001
HI-1297D pH/ORP/° electrode for Water Treatment

SOLUTIONS

HI-7004L Buffer Solution pH4.01
HI-7006L Buffer Solution pH6.86
HI-7007L Buffer Solution pH7.01
HI-7009L Buffer Solution pH9.18
HI-7010L Buffer Solution pH10.01
HI-70300L Storage Solution