



HI 991001

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 waterproof

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.

| | | |
|--------------------------|-------------|---|
| 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°C (outside); ±1°F up to 140°F; ±2°F outside |
| Temperature Compensation | | automatic, -5.0 to 105.0°C (23.0 to 221.0°F) |
| 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) |
| Electrode | | HI 1296D pre-amplified pH probe with internal temperature sensor, DIN connector and 1 m (3.3') cable (included) |
| Battery Type / Life | | 1.5V (3) AAA / 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 | | 205g (7.2 oz.) |



HI 991003

Portable pH/pH-mV/ORP and Temperature Meter

- pH Sensor Check™; Allows users to check electrode status at any time
- 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 1297 pH/ORP/Temperature and 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 waterproof

HI 991003 is ideal for plating baths, wastewater, swimming pool and spa water quality and environmental applications.

HI 991003 is a portable pH/pH-mV/ORP/temperature meter with our unique Sensor Check™ feature that allows the user to determine the electrode status at any time.

The HI 1297D pH/ORP/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 991003 is supplied with HI 1297D 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.

| | | |
|----------------------------|---|---|
| Range | pH | -2.00 to 16.00 pH |
| | pH-mV | ±825 mV (pH-mV) |
| | ORP | ±1999 mV |
| | Temperature | -5.0 to 105.0°C; 23.0 to 221.0°F |
| Resolution | pH | 0.01 pH |
| | pH-mV | 1 mV |
| | ORP | 1 mV |
| | Temperature | 0.1°C/0.1°F |
| Accuracy @ 20°C | pH | ±0.02 pH |
| | pH-mV | ±1 mV |
| | ORP | ±2 mV |
| | 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 (23.0 to 221.0°F) |
| Electrode | HI 1297D pre-amplified pH/ORP probe with internal temperature sensor, DIN connector and 1 m (3.3') cable (included) |
| Battery Type/Life | 1.5V (3) AAA / 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.) |