# Traceable® pH/ORP Meter Kit


## Water-resistant, HIGHLY accurate meter—handy kit comes with everything you need

## Compact instrument fits in the palm of your hand making single-handed operation a breeze

- **Triple display shows pH or ORP measurement, temperature and time\date**
- **Ideal for wastewater, water quality and environmental applications**
- **Convenient kit includes everything you need to start testing – batteries, user guide, carrying case, ISO Guide 34 CRM pH buffers and Traceable® Certificate**

## Features:

- Accuracy: ±0.02 pH
- 25 point memory storage with time/date stamp
- Water-resistant (IP67)
- Individually serialized, calibrated, and certified Traceable® to NIST

## Electrode features:

- Polycarbonate body housing
- 12mm diameter, 4.4”/111mm length
- Single-junction gelled Ag/AgCl reference (sealed) with ceramic pin/pellon junction
- Full range pH sensor, 0.095” Platinum disc ORP sensor, and integral thermistor

### Traceable to NIST for accuracy

An individually-numbered Traceable® Certificate is provided which assures accuracy from an ISO/IEC 17025:2005 (1750.01) calibration laboratory accredited by A2LA. It indicates traceability to standards provided by NIST (National Institute of Standards and Technology).

**Cat. No. 4277** **Traceable® pH\ORP Meter Kit**
**Cat. No. 4278** **Probe Extension Cable**
**Cat. No. 4279** **Replacement Probe**
**Cat. No. 4290** **Traceable® One-Shot ™ pH Buffer Standards (CRM) 6-Pack Assortment**

TRACEABLE®
PRODUCTS

## Product Specifications

| | |
|---|---|
| ▶ pH Range: | 0.00 to 14.00 pH |
| ▶ pH Resolution: | 0.01 pH |
| ▶ pH Accuracy: | ±0.02 pH |
| ▶ ORP Range: | -1800 to 1800 mV |
| ▶ ORP Resolution: | 0.1mV <1000mV (1mV ≥1000mV) |
| ▶ ORP Accuracy: | ±20 mV |
| ▶ Temperature Range: | 0 to 60ºC (32 to 140ºF) (selectable) |
| Resolution: | 0.1º (1º when >100º) |
| Accuracy: | ±1ºC |

# Traceable Conductivity and pH Buffer Standards


4880 4887 4881 4888 4882 4889

## The most accurate pH Standards available anywhere

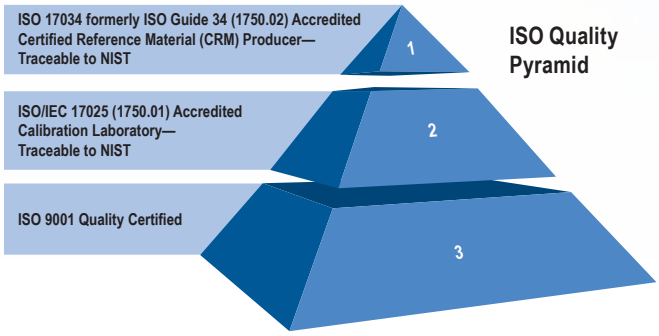
- **100% compatible with all makes and instruments and electrodes**
- **Select values manufactured to IUPAC (International Union of Pure and Applied Chemistry) formulation—features long term buffer stability and buffer resistance to temperature changes during pH meter calibration**

## Features:

- Only Certified Reference Material meets all test requirements for Federal, State, and local agencies
- Triple-layered proprietary packaging—aluminum foil, PET and low-density polyethylene bag—prevents contamination by permeable gases and provides 2-year shelf life
- Each 16 ounce bottle or six pack single-use 100ml container is supplied with an individual temperature compensation chart, traceability information, Traceable® Certificate

**Traceable to NIST for accuracy**

A2LA ISO/IEC 17025:2005 (1750.01) (Calibration Laboratory) and ISO 17034 (formerly ISO Guide 34) (Certified Reference Material Producer) provide highest achievable levels of product production, documentation, and accuracy. Additional accreditations include ISO 31 (content) and ISO 35 (statistical analysis). ISO 9001 ensures that world-class product standards for Materials are always met. To assure accuracy an individually serial-numbered Traceable® Certificate is supplied to indicate traceability to standards provided by NIST (National Institute of Standards and Technology) and/or a National Standards Laboratory.




Traceable® pH Buffer Standards Certified Reference Material (CRM) (COLOR)

| Size | Accuracy | Color | Cat. No. | pH Value |
|---|---|---|---|---|
| 16 oz. bottle | 25°C is ±0.010 pH | Red | 4880 | 4.005 |
| | | Yellow | 4881 | 7.000 |
| | | Blue | 4882 | 10.012 |
| 100 ml One-Shot™ (6-pack) | 25°C is ±0.010 pH | Red | 4887 | 4.005 |
| | | Yellow | 4888 | 7.000 |
| | | Blue | 4889 | 10.012 |
| One-Shot™ Assortment (6-pack) | | Red/Yellow/Blue | 4890 | 4.005 — 10.012 |

Traceable® pH Buffer Standards Certified Reference Material (CRM) (CLEAR)

| Size | Accuracy | Cat. No. | pH Value |
|---|---|---|---|
| 16 oz. bottle | 25°C is ±0.010 pH | 4280 | 4.005 |
| | | 4281 | 7.000 |
| | | 4286 | 7.416 |
| | | 4282 | 10.012 |
| 100 ml One-Shot™ (6-pack) | 25°C is ±0.010 pH | 4287 | 4.005 |
| | | 4288 | 7.000 |
| | | 4285 | 7.416 |
| | | 4289 | 10.012 |
| One-Shot™ Assortment (6-pack) | | 4290 | 4.005 — 10.012 |