

Benchtop level analysis in the field

Reads either pH (in 0.01 resolution) or mV in large digits, with time, date, and temperature (in °C or °F) shown simultaneously on the lower display. Also, indicates stable reading, low battery and displays calibration data. Scroll 99 data points with time stamps and min/max readings directly on the backlit LCD. Features hold, up to 5 point calibration, N.I.S.T. buffer recognition, manual or automatic temperature compensation, and a USB port. Comes with 4 AAA batteries. Uses optional AC Adapter (840027). Will accept any pH or ORP probe with a BNC connector.

dim: 7" × 2¾" × 1¼" (178 × 70 × 32 mm). weight: 6.5 oz (184 g).



| No. | Description |
|---------|---|
| 850055 | Advanced pH Meter |
| 850056 | Advanced pH Meter Kit |
| 840016 | pH Probe |
| 840049 | Spear Tip pH Probe |
| 840051 | Flat Surface pH Probe |
| 850088 | ORP Probe |
| 850059P | ATC pH Probe |
| 840027 | AC Adaptor |
| 840052 | Data Acquisition Software |
| 840054 | USB Cable |
| 840096 | AC Adaptor |
| 860008 | pH 4, 3 bottles, 40 ml Each |
| 860009 | pH 7, 3 bottles, 40 ml Each |
| 860010 | pH 10, 3 bottles, 40 ml Each |
| 860011 | Deionized Water, 3 bottles, 40 ml |
| 860012 | pH Buffer Set, pH 4, pH 7, pH 10, 40ml Each |
| | Rubber Holster |
| 840089 | Water Resistant Instrument Pouch |
| 840090 | Field Tripod |
| 840093 | |

Advanced pH Kit

Advanced pH Meter 850055 in a hard carrying case complete with a detachable temperature compensated pH probe with 3½-ft cable; pH buffers 4, 7, 10 and distilled water.

kit dim: 14" × 9" × 2¾" (356 × 229 × 70 mm).



| Unit of Measure | Range | Resolution | Accuracy |
|-----------------|---------------------------|--------------------------------------|--------------------------------------|
| pH | 0 to 14 | 0.01 | ±0.02 pH |
| mV | -499 to 499 | ±0.1 mV | ±0.2 mV |
| ORP | -199.9 to 199.9 | (-199.9 to 199.9 mV) otherwise ±1 mV | (-199.9 to 199.9 mV) otherwise ±2 mV |
| Temperature | 23 to 176°F -5 to 80°C | 0.1° | ± 2°F ± 1°C |

