

Environmental Express® Oakton® 200-Series Handheld Water Quality Meters



Reduce maintenance time with self-diagnostic function

- Accurate readings—with auto-hold, auto-stable, and real-time measurement modes
- Rugged, waterproof, and dustproof with an IP67 rating for use in any environment
- Non-slip ergonomic design for comfortable handling
- Large LCD indicates electrode condition, reading stability (smiley face), parameter, and temperature at a glance
- White LED backlighting lets you easily view measurements, even in dark locations
- Download and analyze data with USB output and phono jack printer connections
- Take it with you—more than 500 hours of battery life
- Flip-out meter stand provides convenient hands-free operation
- Two grooves on the side of the meter serve as electrode holders
- Available in a handy kit with everything you need for field testing on the go

Make your water testing easier with our Environmental Express Oakton 200-series handheld meters. The interface is simple to use with adjustable auto shut-off time ranging from 1 to 30 minutes. Easily view electrode condition, reading stability, measured parameter, and temperature in one screen. Don't worry about accuracy in fluctuating temperature—ATC ensures measurement accuracy. Plus, the self-diagnostic function allows for fast fault finding and troubleshooting.

The 250 series offers 500 data point memory while the 260 series adds more data points (up to 1000), a real-time clock with date-and-time stamp for GLP compliance, and USB communication.

Purchase as a meter only or as a meter kit to keep your meter, electrodes, solutions, and accessories organized and protected in a durable carrying case.



Specifications

| Parameter | Range | Resolution | Accuracy |
|------------------|----------------------------------|-------------------|---|
| pH | -2.00 to 20.00; -2.000 to 20.000 | 0.01; 0.001 | ±0.001; ±0.005 |
| mV | ±1000 | 0.1 | ±0.1 |
| Conductivity | 0 to 200 mS | 0.05% full-scale | ±0.6% full-scale; ±1.5% full-scale >18 mS/cm |
| TDS | 0 to 100 ppt | 0.01 ppm; 0.1 ppt | ±0.1% full-scale |
| Resistivity | 0 to 20.0 MΩ | 0.05% full-scale | ±0.6% full-scale; ±1.5% full-scale >1.8 MΩ-cm |
| Salinity | 0.0 to 100.0 ppt; 0.00 to 10% | 0.1 ppt; 0.01% | ±0.2% full-scale |
| Dissolved oxygen | 0.0 to 200.0%; 0.0 to 20.00 mg/L | 0.1%; 0.01 mg/L | ±0.1 mg/L |
| Temperature | -22 to 266°F (-30 to 130°C) | 0.1°F/°C | ±0.9°F (±0.5°C) |

Temperature compensation: automatic

Conductivity temp coefficient: 0.00 to 10.00%/°C

pH calibration: automatic buffer recognition; up to 5 points for USA and NIST; up to 6 points for DIN

Conductivity cell constant: 0.1, 1.0, 10.0

Conductivity calibration points: up to 4 automatic, up to 5 manual

DO salinity compensation: 0.0 to 40.0 ppt

Display: monochrome LCD with white LED backlight; 2" x 2" (5 x 5 cm)

Data logging: 500 points for 250-series; 1000 points for 260-series

Output: USB (260-series only)

GLP compliance: real-time clock and date/time stamp (260-series only)

Connections: BNC and phono

Dimensions (L x W x H): 6⁵/₁₆" x 3³/₁₆" x 1⁵/₈" (16 x 8 x 4.1 cm)

Power: two AA batteries (included)



Ordering Information

Meter only includes: two AA batteries.

Meter kit adds: electrodes, electrode adapter, calibration solutions, and carrying case.



| Model | Parameters | Description | 250 Series | 260 Series |
|-------|---|--|----------------|----------------|
| | | | Catalog number | Catalog number |
| PH | pH, mV, temperature | Meter only | EE3566034 | EE3566036 |
| | | Meter kit with pH electrode on 3.3-ft (1-m) cable | EE3566010 | EE3566012 |
| EC | Conductivity, TDS, resistivity, salinity, temperature | Meter only | EE3566038 | EE3566040 |
| | | Meter kit with conductivity electrode on 3.3-ft (1-m) cable | EE3566014 | EE3566016 |
| DO | Dissolved oxygen, temperature | Meter only | EE3566042 | EE3566044 |
| | | Meter kit with DO electrode on 6.6-ft (2-m) cable | EE3566018 | EE3566020 |
| PC | pH, mV, conductivity, TDS, resistivity, salinity, temperature | Meter kit with DO electrode on 16.4-ft (5-m) cable | EE3566022 | EE3566024 |
| | | Meter only | EE3566046 | EE3566048 |
| PD | pH, mV, dissolved oxygen, temperature | Meter kit with pH electrode on 3.3-ft (1-m) cable and conductivity electrode on 3.3-ft (1-m) cable | EE3566026 | EE3566028 |
| | | Meter only | EE3566050 | EE3566052 |
| | | Meter kit with pH electrode on 3.3-ft (1-m) cable and DO electrode on 6.6-ft (2-m) cable | EE3566030 | EE3566032 |

Accessories

EE3566054 "All-in-one" pH electrode with ATC, double junction, plastic body, gel filled; 3.3-ft (1-m) cable

EE3566056 "All-in-one" pH electrode with ATC, double junction, plastic body, gel filled; 6.6-ft (2-m) cable

EE3566058 Conductivity electrode, K = 1; 3.3-ft (1-m) cable

EE3566060 Field galvanic DO electrode with integrated temperature sensor, 6.6-ft (2-m) cable

EE3566062 Field galvanic DO electrode with integrated temperature sensor, 16.4-ft (5-m) cable

EE3566064 Replacement DO tip for 3556060 and -62 electrodes

EE3566066 PC cable, 6-ft (1.8-m)

EE3566068 Printer cable, 5-ft (1.5-m)