



Environmental Express® Oakton® 100 Series Portable Meters

- Effortless operation with rapid buffer ID, range setting, and measurement
- Deployable to any environment with a backlit display and rugged, waterproof design
- Advanced digital processing technology improves meter stability for dependable accuracy
- Self-managing auto-functions ensure 24/7 readiness



Environmental Express is an
Antylia Scientific company
Find out more at antylia.com





Environmental Express® Oakton® 100 Series Portable Meters

Electrochemistry testing meters uniquely designed for field or mobile applications.

✓ Easy to Use

Mobile physical sample testing is made effortless using Environmental Express Oakton portable meters. The 100 series portable meters use advanced digital processing technology to intelligently improve measurement response time. Rapid meter response as well as an easy-to-navigate user interface allow any level user to perform testing confidently whether it's pH, DO, or ion concentrations.

✓ Portable and Durable

Waterproof, dust-resistant IP57 rating and rubber boot design ensure durability in rough environments. Additional features including a built-in stand and optional carrying case allow the unit to be adapted to any operating environment.

✓ Accurate

Intuitive, user-friendly indicators (☺) for reading stability as well as automatic Hold, buffer recognition, and calibration modes eliminate any guesswork.

✓ Self-Managed and Reliable

A built-in microprocessor chip enables advanced functions, such as auto-calibration, auto-temperature compensation, parameter settings, self-diagnosis, low-battery status, and auto power-off, ensuring the unit is ready to be deployed when you need it.

A broad selection of meters, probes, and testing capabilities allows users of the portable Oakton 100 series of meters to select the solution (equipment) that aligns with any lab or field-testing needs and easily manage testing requirements anywhere while saving technicians' time for what's important.



PC 100 meter kit



Oakton® PC 100 Portable Meter

- Measures pH, mv, ORP, conductivity, TDS, salinity, and temperature (°F/°C)
- Handy electrode clip holds all three probes at once

Specifications

pH range: 0 to 14 pH
pH resolution: 0.01/0.1 pH
pH accuracy: ±0.01 pH
pH temperature compensation: 0 to 100°C (auto or manual)
pH calibration: 1 to 3 points automatic
pH buffer solutions: USA, NIST
mV range: ±1000 mV
mV resolution: 0.1 mV from -200 to 200 mV; 1 mV remaining
mV accuracy: ±0.2% full-scale
ORP range: ±1000 mV
ORP resolution: 1 mV
ORP accuracy: ±0.2% full-scale
ORP calibration range: ±50 mV of reading
Conductivity ranges: 0.00 to 19.99 µS/cm, 20.0 to 199.9 µS/cm, 200 to 1999 µS/cm; 2.00 to 19.99 mS/cm, 20.0 to 199.9 mS/cm
Conductivity resolution: 0.01, 0.1, 1 µS/cm; 0.01, 0.1 mS/cm
Conductivity accuracy: ±1.0% full-scale

Conductivity temperature compensation range: 0 to 60°C (automatic or manual)
Conductivity electrode constant: 0.1, 1, 10 cm⁻¹
Conductivity temperature coefficient: 0 to 9.99%/°C
Conductivity reference temperature: 15 to 30°C
Conductivity calibration: 1 to 4 points automatic
Conductivity calibration solutions: 84 µS/cm, 1413 µS/cm; 12.88 mS/cm, 111.8 mS/cm
TDS range: 0 to 100 µg/L
TDS accuracy: ±1.0% full-scale
Salinity range: 0 to 100 ppt
Salinity accuracy: ±1.0% full-scale
Temperature range: 32 to 212°F (0 to 100°C)
Temperature resolution: 0.1°F/°C
Temperature accuracy: ±0.9°F (0.5°C) ±1 digit
Power: three AA batteries (1.5 V) included
Battery life: 400 hours without backlight



| Model | Probe(s) included | Accessories included | Item number |
|--------|---|--|-------------|
| PC 100 | pH, conductivity (K = 1.0), temperature (ATC) | Electrode clip | 35613-45 |
| | | Electrode clip, carrying case, and solutions | 35613-46 |

Accessories

- 35606-53 Conductivity probe, K = 0.1
- 35606-57 Conductivity probe, K = 10
- 17090-30 NIST-traceable calibration with data for conductivity meter
- 17106-20 NIST-traceable calibration with data for pH meter



WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.