



# Environmental Express<sup>®</sup> Oakton<sup>®</sup> 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](http://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® DO 100 Portable Meter

- Measures dissolved oxygen (DO) and temperature (°F/°C)

## Specifications

**DO range:** 0 to 20.00 mg/L (ppm); 0 to 200%

**DO resolution:** 0.01/0.1 mg/L (ppm); 0.1/1%

**DO accuracy:** ±0.30 mg/L

**DO response time:** ≤ 30s (77°F/25°C, 90% response)

**Temperature compensation:** 0 to 45°C (automatic)

**Salinity compensation range:** 0 to 45 ppt (automatic)

**Air pressure compensation:** 60 to 200 kPa (manual)

**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
DO 100	Polarographic DO electrode with built-in temperature sensor, electrolyte solution, membrane caps, and cathode polishing paper	None	35643-00
		Carrying case	35643-05

## Accessories

**35643-01** Replacement polarographic DO electrode

**35643-02** Replacement electrode inner solution (electrolyte), 30 mL

**35643-03** Replacement membrane caps. Pack of 3





# 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.

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