

# Oakton® Waterproof DO and pH/DO 450 Meters

## Eliminate maintenance time and costs

- Rugged, waterproof and dustproof with an IP67 rating for use in any environment
- No costly, tiresome membranes or solutions with optical RDO technology
- More accurate readings with barometric pressure and salinity correction
- Download and analyze data easily with USB and RS-232 output for up to 500 data sets
- Take it with you—500 hours battery life or optional universal power adapter

Get fast response times and long-term stability with minimal maintenance with optical measurement technology. Ensure measurement accuracy with automatic temperature compensation (ATC), barometric pressure compensation, and salinity correction. View % saturation or mg/L (ppm) simultaneously with temperature on the large LCD screen. Waterproof, IP67-rated housing is ideal for the even the harshest environments.

Additional features include ready (stability) indicator, smart averaging, hold function, calibration alarm, and battery-life indicator. Order optional cables for USB and RS-232 connectivity.

**Meter only includes:** two AA batteries.

**DO 450 Meter Kit adds:** RDO probe (35640-53), sensor cap (35640-51), RDO weight, RDO calibration chamber, sample bottles, and hard carrying case.

**pH/DO 450 Meter kit adds:** items in DO 450 meter kit plus pH probe (59002-75), and calibration solutions.



**OAKTON®**

ISO9001:2008  
CERTIFIED SUPPLIER

TUV GS

CE

IP 67

Meter only

Description	DO 450 meter only	DO 450 meter kit	PD 450 meter only	PD 450 meter kit
<b>Catalog number</b>	<a href="#">GH-35640-32</a>	<a href="#">GH-35640-90</a>	<a href="#">GH-35632-32</a>	<a href="#">GH-35632-80</a>
<b>Precalibrated catalog number</b>	<a href="#">GH-35640-34</a>	<a href="#">GH-35640-91</a>	<a href="#">GH-35632-34</a>	<a href="#">GH-35632-81</a>
Range	pH	—	—	-2.00 to 16.00
	mV	—	—	±2000 mV
	Dissolved oxygen (ppm)	0 to 20 ppm	0 to 200%	0 to 20 ppm
	Dissolved oxygen (% saturation)	0 to 200%	0 to 200%	0 to 200%
	Temperature	-17.0 to 230.0°F (-10.0 to 110.0°C)	—	—
Resolution	pH	—	—	0.01
	mV	—	—	0.1 (>199.9 mV); 1 mV (beyond)
	Dissolved oxygen (ppm)	0.1 ppm	0.1	0.1
	Dissolved oxygen (% saturation)	0.10%	0.1	0.1
	Temperature	0.1°C/°F	—	—
Accuracy	pH	—	—	±0.01
	mV	—	—	±0.2 (>199.9 mV); ±2 mV (beyond)
	Dissolved oxygen (ppm)	±2%	±2%	±2%
	Dissolved oxygen (% saturation)	±2%	±2%	±2%
	Temperature	±0.9°F (±0.5°C)	—	—
Barometric pressure compensation	—	Manual	—	Manual
Salinity correction	—	Manual; 0 to 45	—	Manual; 0 to 45
Temperature compensation	—	Automatic or manual from -10 to 110°C	—	Automatic or manual from -10 to 110°C
Memory	—	Stores up to 500 data sets	—	Stores up to 500 data sets
Output	—	USB or RS-232	—	USB or RS-232
Power	—	Two AA batteries (included); >500 hours continuous use; AC adapter (optional)	—	Two AA batteries (included); or optional universal power adapter
<b>Price</b>				
<b>Precalibrated price</b>				

### Accessories

- [GH-35640-51](#) Replacement RDO sensor cap
- [GH-35640-53](#) Replacement RDO probe, 10-ft (3-m) cable
- [GH-35640-55](#) RDO probe, 20-ft (6-m) cable
- [GH-35640-57](#) RDO probe, 50-ft (15-m) cable
- [GH-35640-58](#) RDO calibration chamber
- [GH-59002-75](#) "All-in-One" pH electrode with built-in ATC. Single-junction; epoxy body; BNC connector
- [GH-35618-05](#) ATC probe. Use with any standard pH electrode for temperature compensation

- [GH-35640-59](#) RDO weight, screw thread to attach to probe
- [GH-35630-53](#) Data cable for USB connectivity
- [GH-35420-01](#) Data cable for RS-232 connectivity
- [GH-35420-72](#) Optional AC adapter, 110/220 VAC
- [GH-09376-01](#) Replacement batteries. AA. Pack of 4
- [GH-17106-04](#) NIST-traceable calibration with data for DO meters
- [GH-17106-20](#) NIST-traceable calibration with data for pH meter