OAKTON®

INSTRUMENTS

...setting the standard again and again®

Waterproof DO 450 and pH/DO 450 Meters

No more wasting time or money!

- Reduce maintenance and costs with affordable optical RDO technology

- Durable waterproof and dustproof design with IP67 rating

- See more data at a glance—view measurement with temperature and calibration data on large, backlit custom display

- Get more accurate readings—automatic or manual temperature compensation eliminates temperature effects on readings

- Selectable °C or °F to best fit your application

- Convenient hold, ready, low-battery indicator, and automatic shutoff functions

- Store up to 500 data sets; easy USB or RS-232 output with optional data cables

- Built-in real-time clock stamps stored data and calibration data with time and date for GLP compliance

- Keep hands free with built-in stand and wall mount

- 500 hours battery life or use optional universal power adapter

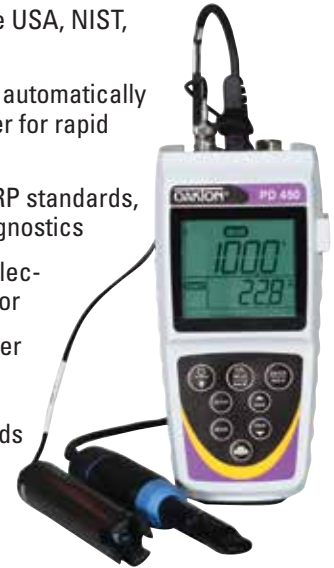Keep hands free with built-in stand—ideal for benchtop or long-term use

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DO meter also features:

- RDO, rugged optical dissolved oxygen technology

- Eliminate costly, tiresome membranes and solution

- Manual barometric pressure and salinity corrections

- Annual sensor cap replacement

- Meter includes batteries; meter with probe adds RDO probe 35640-53 and sensor cap; kit further adds RDO weight, calibration tube, and hard carrying case

pH/DO meter also features:

- Six-point calibration—choose USA, NIST, DIN, or custom buffer sets

- Auto buffer calibration which automatically identifies the correct pH buffer for rapid calibration

- mV offset for calibration to ORP standards, zeroing mV value, and pH diagnostics

- Compatible with pH and ISE electrodes having a BNC connector

- Meter includes batteries; meter with probes adds RDO probe 35640-53, pH probe 35808-71, and sensor cap; kit further adds RDO weight, calibration tube, calibration solutions, and hard carrying case

ISO9001:2008 CERTIFIED SUPPLIER CE TÜV GS IP67 3 YEAR WARRANTY

Description		DO 450 meter	DO 450 meter with probe	DO 450 meter kit	pH/DO 450 meter	pH/DO 450 meter with probes	pH/DO 450 meter kit
Catalog number		WD-35640-32	WD-35640-30	WD-35640-90	WD-35632-32	WD-35632-30	WD-35632-80
Precalibrated catalog number		WD-35640-34	WD-35640-31	WD-35640-91	WD-35632-34	WD-35632-31	WD-35632-81
Range	Dissolved oxygen	0 to 20 mg/L (ppm); 0 to 200%			0 to 20 mg/L (ppm); 0 to 200%		
	pH	—			−2.00 to 16.00 pH		
	mV	—			±2000 mV		
	Temperature	−17.0 to 230.0°F (−10.0 to 110.0°C)			−17.0 to 230.0°F (−10.0 to 110.0°C)		
Resolution	Dissolved oxygen	0.1 mg/L (ppm); 0.10%			0.1 mg/L (ppm); 0.10%		
	pH	—			0.01 pH		
	mV	—			0.1 mV (±999.9 mV); 1 mV (beyond)		
	Temperature	0.1°F/°C			0.1°F/°C		
Accuracy	Dissolved oxygen	±2%			±2%		
	pH	—			±0.01 pH		
	mV	—			±0.2 mV ±2 LSD or ±0.5% of reading, whichever is greater		
	Temperature	±0.9°F (±0.5°C)			±0.9°F (±0.5°C)		
Calibration	Dissolved oxygen	Zero and saturation			Zero and saturation		
	pH	—			Up to six points: USA, NIST, DIN, or custom		
	mV	—			±200 mV		
	Temperature	±5.0° offset			±5.0° offset		
Temperature compensation		Automatic or manual from −10 to 110°C					
Output		USB or RS-232					
Data logging		Stores up to 500 data sets					
Power		Two AA batteries (included) or optional universal power adapter					

Accessories

WD-35640-51 Replacement RDO sensor cap

WD-35640-53 Replacement RDO probe, 10-ft (3-m) cable

WD-35640-55 RDO probe, 20-ft (6-m) cable

WD-35640-57 RDO probe, 50-ft (15-m) cable

WD-35640-59 RDO weight, screw thread to attach to probe

WD-35640-58 RDO calibration chamber

WD-35805-23 Replacement pH electrode. Double-junction; epoxy body; 10 ft (3-m) BNC connector

WD-35618-05 ATC probe. Use with any standard pH electrode for temperature compensation

WD-35608-51 Hard carrying case

WD-35630-53 Data cable for USB connectivity

WD-35420-01 Data cable for RS-232 connectivity

WD-35420-72 Optional power adapter, 110/220 VAC

WD-09376-01 Replacement batteries, AA. Pack of 4