


...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

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



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



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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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