Dissolved Oxygen — Handheld Meters



RDO 450 Meter

Affordable optical RDO technology reduces maintenance time and costs

Durable waterproof and dustproof design with IP67 rating Large, backlit custom display provides measurement with temperature

Switch between mg/L (ppm) and % saturation dissolved oxygen with a press of a button

Eliminate costly, tiresome membranes and solution

Manual barometric pressure and salinity corrections

Automatic or manual temperature compensation –

For the highest accuracy in any situation

Selectable °C or °F-

Choose the unit to best fit your application

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 - Meets standards for GLP (Good Laboratory Practices)

Built-in stand with wall mount - Allows for easy benchtop measurement and storage

500 hours battery life or use optional universal power adapter



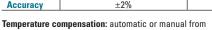




Temperature







mg/L (ppm)

0 to 20 mg/L (ppm)

0.1 mg/L (ppm)

-10 to 110°C Probe: optical RDO Memory: up to 500 data sets

Output: USB or RS-232

Specifications

Mode

Range

Resolution

Real-time clock: time-and-date stamp on calibration and stored data

Display: custom LCD with backlight

0 to 200% -10.0 to 110.0°C (-17.0 to 230.0°F) ±2% ±0.5°C (±0.9°F) Power: two AA batteries (included), 500 hours (without

Dimensions (L x W x H)

Meter: 71/8" x 31/8" x 21/4" (20 x 8.3 x 5.7 cm) Boxed: 91/8" x 91/8" x 23/4" (23 x 23 x 7 cm)

backlight); AC adapter (optional)

% Saturation

Meter: 1 lb (0.5 kg) Boxed: 1.4 lb (0.7 kg)



Meter kit saves you money!

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35640-32	WD-35640-34	RDO 450 meter only	Meter and two AA batteries
WD-35640-30	WD-35640-31	RDO 450 meter with probe	Meter, RDO probe, sensor cap, and two AA batteries
WD-35640-90	WD-35640-91	RDO 450 meter kit	Meter, RDO probe, sensor cap, RDO weight, calibration tube, two AA batteries, and hard carrying case

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-35630-53 Data cable from meter to USB port WD-35420-01 Data cable from meter to RS-232 port WD-35614-51 Hard carrying case, fits all 150/450 meter configurations

WD-35420-72 Optional adapter, 110/220 VAC WD-09376-01 Replacement batteries, AA. Pack of 4

