

RDO 450 Meter

Affordable optical RDO technology reduces maintenance time and costs

New

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

35640-30



ISO9001:2008
CERTIFIED SUPPLIER



CE 3 year
warranty
meter only

Specifications

Mode	mg/L (ppm)	% Saturation	Temperature
Range	0 to 20 mg/L (ppm)	0 to 200%	-10.0 to 110.0°C (-17.0 to 230.0°F)
Resolution	0.1 mg/L (ppm)	0.10%	0.1°C/°F
Accuracy	±2%	±2%	±0.5°C (±0.9°F)

Temperature compensation: automatic or manual from -10 to 110°C

Probe: optical RDO

Memory: up to 500 data sets

Output: USB or RS-232

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

Display: custom LCD with backlight

Power: two AA batteries (included), 500 hours (without backlight); AC adapter (optional)

Dimensions (L x W x H)

Meter: 7 1/8" x 3 1/8" x 2 1/4" (20 x 8.3 x 5.7 cm)

Boxed: 9 1/8" x 9 1/8" x 2 3/4" (23 x 23 x 7 cm)

Weight:

Meter: 1 lb (0.5 kg)

Boxed: 1.4 lb (0.7 kg)

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

Dissolved Oxygen



Meter kit saves you money!