

Benchtop DO 700 Dissolved Oxygen Meter Data Sheet

- **Extra-large 3-1/4" x 2-7/16" (8.3 x 6.2 cm) brightly lit LCD for easy viewing of measured samples**
- **Low-maintenance galvanic probe requires no warm-up time**
- **Built-in memory stores up to 100 data points**



WD-35415-00

DO 700 meter measures dissolved oxygen in mg/L, ppm, or % saturation with simultaneous temperature display in °F or °C. Independent 100% and 0% calibration points provide accuracy over the entire range. Measurement accuracy can be increased by manual barometric pressure and salinity compensation—meter automatically calculates offset. Built-in automatic temperature compensation (ATC) provides greater precision by correcting for temperature variations.

Display annunciators to aid in operation and troubleshooting. Setup function displays electrode slope and offset. Meter is encased in a compact 6-1/8"L x 6-7/8"W x 2-3/4"H (15.5 x 17.5 x 6.9 cm) housing which takes up minimal bench space—nearly 40% less space than comparable meters.

Water-resistant membrane keypad and convenient pullout reference guide provide useful features for the lab.

Specifications & Ordering Information

Mode	mg/L (ppm)	% saturation	Temperature
Range	0 to 60.0 mg/L	0 to 199.9%	23 to 221°F (-5.0 to 105.0°C)
Resolution	0.01	0.1/1	0.1
Accuracy	±0.5% of reading	±0.5% of reading	±0.5°C or F

Temperature compensation

Automatic 32 to 122°F (0 to 50°C)

Salinity compensation

Manual input, automatic correction; Range: 0 to 50 ppt; Resolution: 0.1

Barometric pressure compensation

Manual input, automatic correction; Range: 450 to 825 mm Hg; Resolution: 1

Probe type

Galvanic

Display

Dual LCD, 3-1/4" x 2-7/16" (8.3 cm x 6.2 cm)

Datalogging

100 data points

Power

100/240 VAC, 50/60 Hz

Dimensions

6-1/8"L x 6-7/8"W x 2-3/4"H (15.5 x 17.5 x 6.9 cm)

Catalog number	Description	
WD-35415-00	DO 700 meter with dissolved oxygen probe and electrode stand	

Accessories

WD-35642-50 Replacement DO probe with 3-ft (1-m) cable

WD-35642-52 DO probe with 10-ft (3-m) cable

WD-35642-54 DO probe with 30-ft (9-m) cable

WD-35642-55 Replacement DO probe maintenance kit includes one membrane cap and 10 mL of electrolyte solution