

DO 2700 Meter

Optimal performance and versatility at a very affordable price!

New

Takes up less bench space – Overall footprint is nearly 40% smaller than other benchtop meters

Oversized liquid crystal display – Easy to see readings from across the lab; viewing under all lighting conditions

Dynamic reading stability indication – Shows when your measurement is stable, eliminating guesswork from unstable readings

Up to 500 point nonvolatile memory with time-and-date stamp – Meets GLP requirements

Bidirectional RS-232 – Easy data transfer to your computer

Automatic calibration at 100% and independent 0% – Provides greater measurement sensitivity at low oxygen levels

Built-in barometer – Automatically adjusts for most accurate readings

Corrections for temperature and salinity variations – Automatic or manual temperature compensation and manual salinity correction

Calibration documentation – Details include date and time, calibration standard, offset, slope, and next cal date

User-settable alarms – Alert you when readings are out-of-range or calibration should be performed

Electrode diagnostics – Indicate when probe maintenance or replacement is due

Password protection – Prevents unauthorized use

Includes a self-stirring dissolved oxygen/BOD probe – Ideal for wastewater testing in the laboratory



Unstable reading



Stable reading



ISO9001:2000
CERTIFIED SUPPLIER

3 year warranty
meter only

Specifications

Mode	mg/L (ppm)	% Saturation	Temperature
Range	0 to 50 mg/L	0 to 600.0%	0.0 to 50.0°C (32.0 to 122°F)
Resolution	0.01, 0.1	0.1%	0.1°C or °F
Accuracy	±0.5% full scale	±0.5% full scale	±0.3°C (±0.5°F)
Connectors	BNC	BNC	Phono

Temperature compensation: manual or automatic from 0 to 50°C (32 to 122°F)

Salinity compensation
Range: 0 to 50 ppt
Resolution: 0.1 ppt
Method: key in manually and meter automatically corrects

Barometric compensation
Range: 450 to 825 mm Hg
Resolution: 1 mm Hg
Method: meter automatically corrects with built-in barometer

Probe: polarographic self-stirring BOD with 3-ft (1-m) cable

Memory: up to 500 data sets

Output: RS-232

Display: 3¼" x 2½" (8.3 x 6.2 cm) graphic LCD with backlight

Operating temperature: 5 to 45°C (41 to 113°F), noncondensing humidity

Power: universal 110/240 VAC with adapters; UL/CSA listed

Dimensions

Meter: 6½" x 6½" x 2¾" (15.5 x 17.5 x 6.9 cm)

Boxed: 12" x 9" x 5" (30.8 x 15.5 x 12.4 cm)

Weight

Meter only: 1.4 lb (0.6 kg); **Boxed:** 4 lb (1.8 kg)



Laboratory

See page 53 for probe maintenance and calibration supplies

Ordering Information

Catalog number	Description	Included
WD-35416-00	DO 2700 meter	Meter, self-stirring dissolved oxygen/BOD probe 35420-82, six membrane caps, electrolyte solution, and AC adapter

WD-35420-82 Replacement self-stirring DO/BOD probe with 3-ft (1-m) cable

WD-35420-01 RS-232 cable

WD-22050-58 RS-232 to USB adapter (requires 35420-01)