

# DO 2700 Meter

**Optimal performance and versatility at a very affordable price!**

**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

**New**



Unstable reading



Stable reading



ISO9001:2000  
CERTIFIED SUPPLIER

**3 year warranty**  
meter only

## Specifications

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