



DO850

DO8500

## DO850/DO8500

Portable Optical Dissolved Oxygen Meter

## State of the Art Luminescent Optical DO Sensor



**Reliable** DO tests made **Simple**

## State of the art Luminescent Optical DO Sensor

- No warm-up; No solution; No membrane; No Hassel.
- The probe does not consume oxygen. No limit on water flowing speed.  
Quick response time: it takes only 2 to 3 minutes for the readings to be stable.
- Maintenance-free. No need to calibrate before every use.
- The service life of the luminescent cap is over 8000 hours.  
No need to replace the cap every year.
- The special coating on the luminescent cap makes it anti-interference and unaffected by light and chemicals.
- A calibration cap comes with the probe, which allows it to be calibrated and stored in saturated air.



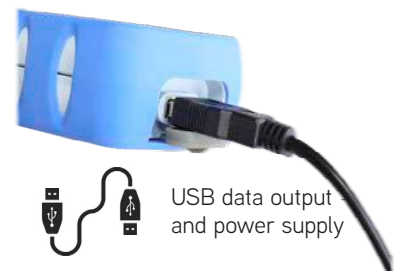
PC connectivity  
(\*DO8500 only)

**DO8500 Complete Test Kit**

	MODEL	DO850	DO8500
Dissolved Oxygen	Range	0-200%; 0-20.0mg/L	
	Resolution	0.1%, 0.01mg/L (ppm)	
	Accuracy	±2% of reading or ±2% of saturation, whichever is greater; ±2% of reading or ±0.2 mg/L (ppm), whichever is greater	
	Calibration Points	Zero Oxygen and saturated oxygen	
	Temp. Compensation	0 to 50 °C (32 to 122 °F) Automatic	
	Air Pressure Compensation	60 to 120 kPa Automatic	
	Salinity Compensation	Manual	Automatic or Manual
Temperature	Range	0 to 50.0 °C (32 to 122 °F)	
	Resolution	0.1 °C	
	Accuracy	±0.5 °C	
Instrument specs	Stable reading indication	Yes	
	Reading Auto-Lock	Yes	
	Display	White Backlit LCD	
	Data Storage	N/A	500 groups (with time and date)
	Digital Clock	N/A	Yes
	Data Output	N/A	USB
	IP Rating	IP67 Waterproof and Dustproof	
	Power Supply	AA Batteries×3 Battery life> 200 Hours	AA Batteries×3 Battery life> 200 Hours / USB

## Intelligent Functions

- Auto Temperature Compensation; Auto Barometric Compensation (Air Pressure)
- Auto Salinity Compensation (only for DO8500)
- Large backlit LCD screen, simultaneously displaying dissolved oxygen reading and temperature. Users can switch from “mg/L & %” to “ppm & %” with a single tap
- Advanced digital processing technology, which supports stable reading and auto-lock display modes.
- DO8500 has a built-in digital clock and supports manual/auto data logging with USB data output.



## Durable Structure Design

- IP67 waterproof rating allows usage in harsh environments.
- Comes with a rugged carrying case, which includes a meter, an optical DO probe, and the accessories.
- Foldable stand allows use as a benchtop meter.

