



DO850/DO8500 Portable Optical DO Meter

Advanced fluorescence optical sensor

- No oxygen consumption, stable display in both static water and dynamic water.
- Simple to use, no need to warm-up and frequent calibration, fast response.
- Reliable structure, no electrode membrane or electrolyte, the service life of fluorescence cap > 8000 hours.
- Fluorescence cap has lightproof coating, anti-interference which is not affected by light and chemicals.
- Equipped with electrode calibration sheath which makes calibration and maintenance more convenient and reliable.



Advanced intelligent meter

- Automatic temperature compensation and automatic pressure compensation.
- Large size LCD with white backlight, clear display.
- Reading stable display mode and automatic lock on display mode.
- DO8500 model: automatic salinity compensation, real time clock, timing store, USB output.
- In accordance with IP57 waterproof rating, equipped with carrying case.



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		 DO850		 DO8500	
DO	Measuring range	0-200%; 0-20.0mg/L		0-200.0%; 0-20.00mg/L	
	Resolution	1%, 0.1mg/L (ppm)		0.1%, 0.01mg/L (ppm)	
	Accuracy	±0.1 mg/L (0~8mg/L) ±0.2 mg/L(8~20mg/L)		±0.1 mg/L (0~8mg/L) ±0.2 mg/L(8~20mg/L)	
	Calibration point	Zero oxygen & oxygen saturation		Zero oxygen & oxygen saturation	
	Temperature compensation	Automatic		Automatic	
	Pressure compensation	Automatic		Automatic	
	Salinity compensation	Manual		Automatic or manual	
Temp.	Measuring range	0 ~ 50.0°C		0 ~ 50.0°C	
	Resolution	0.1 °C		0.1 °C	
	Accuracy	±0.5°C		±0.5°C	
Reading stable indication		Yes		Yes	
Automatic lock on		Yes		Yes	
Display screen		Backlight LCD		Backlight LCD	
Data logging		No		500group(with time and date)	
Real time clock		No		Yes	
Signal output		No		USB	
IP rating		IP57		IP57	
Power		AA battery×3 battery life>200 hours		AA battery×3 battery life>200 hours	
Product set		DO850 meter DO803 electrode(3M) Calibration sheath + carrying case		DO8500 meter DO803 electrode (3M) salinity electrode(3M) Calibration sheath combination probe cap USB cable + CD + carrying case	

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DO850



DO8500