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