

DO200 Portable Dissolved Oxygen Meter



Introduction:

The high resolution dissolved oxygen tester has more advantages in various fields such as wastewater, aquaculture and fermentation, etc.

Simple operation, powerful functions, complete measuring parameters, wide measurement range; one key to calibrate and automatic identification to complete the correction process; clear and readable display interface, excellent anti-interference performance, accurate measurement, easy operation, combined with high brightness backlight lighting;

DO200 is your professional testing tool and reliable partner for laboratories, workshops and schools daily measurement work.

Features:

- All-weather precise, Comfortable holding, Easy carrying and Simple Operation.
- 65*40mm, large LCD with backlight for easy meter information reading.
- IP67 rated, dustproof and waterproof ,floats on water.
- Optional Unit display:mg/L or %.
- One key to check through all the settings, including: zero drift and slope of electrode and all the settings.
- Automatic temperature compensation after salinity/atmospheric pressure input.
- HOLD read lock function.Auto Power off saves battery after 10-mins non-use.
- Temperature offset adjustment.
- 256 sets of data storage and recall function.
- Configure the console portable package.

Technical specifications:

DO200 Portable Dissolved Oxygen Meter		
Oxygen Concentration	Range	0.00~40.00mg/L
	Resolution	0.01mg/L
	Accuracy	±0.5%F.S
Saturation Percentage	Range	0.0%~400.0%
	Resolution	0.1%
	Accuracy	±0.2%F.S
Temperature	Range	0~50℃ (Measurement and compensation)
	Resolution	0.1℃
	Accuracy	±0.2℃
Atmospheric pressure	Range	600 mbar~1400 mbar
	Resolution	1 mbar
	Default	1013 mbar
Salinity	Range	0.0 g/L~40.0 g/L
	Resolution	0.1 g/L
	Default	0.0 g/L
Power	Power supply	2*7 AAA Battery
Others	Screen	65*40mm Multi-line LCD Backlight Display
	Protection Grade	IP67
	Automatic Power-off	10minutes (optional)
	Working Environment	-5~60℃ ,relative humidity<90%
	Data storage	256 sets of data storage
	Dimensions	94*190*35mm (W*L*H)
	Weight	250g

Sensor/Electrode specifications	
Electrode model No.	CS4051
Measurement range	0-40 mg/L
Temperature	0 - 60 °C
Pressure	0-4 bar
Temperature sensor	NTC10K
Response time	< 60 s (95%, 25 °C)
Stabilization time	15 - 20 min
zero drift	<0.5%
Flow rate	> 0.05 m/s
Residual current	< 2% in air
Housing material	SS316L, POM
Dimensions	130mm, Ø12mm
Membrane cap	Replaceable PTFE membrane cap
Electrolyte	Polarographic
Connector	6-pin