

DOS-1703 Portable Dissolved Oxygen Meter

DOS-1703 portable dissolved oxygen meter is outstanding for ultra-low power microcontroller measurement and control, low power consumption, high reliability, intelligent measurement, using polarographic measurements, without changing the oxygen membrane. Having reliable, easy (one-hand operation) operation, etc.; the instrument can display dissolved oxygen concentration in two kinds of measurement results indicates, mg / L (ppm) and the oxygen saturation percentage (%), in addition, measure the temperature of the measured medium simultaneously.

Technical indexes

Measuring range	DO	0.00--50.0mg/L
		0.0--500%
	Temp	0...60℃ (ATC/MTC)
	Atmosphere	300--1100hPa
Resolution	DO	0.01mg/L,0.1mg/L(ATC)
		0.1%/1%(ATC)
	Temp	0.1℃
	Atmosphere	1hPa
Electronic unit measurement error	DO	±0.5 % FS
	Temp	±0.2 ℃
	Atmosphere	±5hPa
Calibration	At most 2 point, (water vapor saturated air/zero oxygen solution)	
Power supply	DC6V/20mA; 4 x AA/LR6 1.5 V or NiMH 1.2 V and chargeable	
Size/Weight	230×100×35(mm)/0.4kg	
Display	LCD	
Sensor input connector	BNC	
Data storage	Calibration data; 99 groups measurement data	
Working condition	Temp	5...40℃
	Relative humidity	5%...80% (without condensate)
	Installation grade	Ⅰ
	Pollution grade	2
	Altitude	≤2000m



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