



## Portable Dissolved Oxygen Meter

### Model : DOS-1703

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

<b>Measuring range</b>	DO	0.00--20.0mg/L 0.0--200%
	Temp	0...60°C (ATC/MTC)
	Atmosphere	300--1100hPa
<b>Resolution</b>	DO	0.01mg/L,0.1mg/L(ATC) 0.1%/1%(ATC)
	Temp	0.1°C
	Atmosphere	1hPa
<b>Electronic unit measurement error</b>	DO	±0.5 % FS
	Temp	±0.2 °C
	Atmosphere	±5hPa
<b>Calibration</b>	At most 2 point, (water vapor saturated air/zero oxygen solution)	
<b>Power supply</b>	DC6V/20mA; 4 x AA/LR6 1.5 V or NiMH 1.2 V and chargeable	
<b>Size</b>	230×100×35(mm)	
<b>Display</b>	LCD	
<b>Sensor input connector</b>	BNC	
<b>Data storage</b>	Calibration data;99 groups measurement data	
<b>Working condition</b>	Temp	5...40°C
	Relative humidity	5%...80% (without condensate)
	Installation grade	II
	Pollution grade	2
	Altitude	≤2000m

