

PMDO1001 portable dissolved oxygen meter is an outstanding meter for ultra-low power microcontroller measurement and control, low power consumption, high reliability, intelligent measurement. It employs polarographic principle measurements, without the need for changing the membrane.

Applications

Continuous monitoring of DO values in

- Boiler water and condensates
- Thermal power plants
- Power plant desalted water
- Places with trace oxygen content



Features

- Dissolved Oxygen Electrode applicable for Polarography Principle
- Built in temperature sensor allowing for real time temperature compensation
- Simple operation, one handed operation.

Technical Specification

Specification	
Measuring range	DO: 0.00~20.0mg/l 0.0~500% (Saturation) Temperature: 0~60 °C (ATC/MTC) Atmosphere: 300~1100hPa
Accuracy	DO: ±0.5% FS Temperature: ±0.2 °C Atmosphere: ±5hPa
Resolution	DO: 0.01 mg/l, 0.1mg/l (ATC) 0.1%, 1% (ATC) Temperature: 0.1 °C Atmosphere: 1hPa
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 conditions	Temperature: 5-40 °C Relative humidity: 5-80% (non-condensing)