



# **MICROPROCESSOR BASED DISSOLVED OXYGEN METER**

MODEL NO.- ACM-DO-820

# MICROPROCESSOR BASED DISSOLVED OXYGEN METER

The Microprocessor Based Dissolved Oxygen Meter are very accurate DO meters. These microprocessor based DO meters come with single and two point calibration and data hold facility. The most exclusive feature of these DO meters are that they are provided with USB interface and can transfer the data to computer system in the laboratory and can be attached to various program applications for higher studies. The ACM-DO-820 series DO meters have automatic correction for barometric pressure and salinity. This equipment is unique for the use in college laboratories, research laboratories, water treatment and industrial application.

## FEATURES

- Microprocessor based.
- Single or Two points automatic calibration.
- Hold function.
- Automatic temperature compensation.
- Auto-Power Control.
- Adjustable barometric pressure and salinity correction.
- Automatic messages.
- Expanded memory stores and recall up to 48 Data Sets.
- USB interface and application software.
- Large LCD display.



## TECHNICAL SPECIFICATIONS

Model	Acm-DO-820
Dissolved Oxygen Range	0~20mg/L(ppm)
Resolution	0.1mg
DO Accuracy	±0.5mg/L
% Saturation of Oxygen	0~200.0%
Accuracy	±10.00%
Temperature Range:	0.0~100.0°C
Temperature Accuracy	±0.1°C
Temperature Compensation	0~40°C
Salinity Correction	0~35g/L
Barometric Pressure Correction	450~850mmHg
Calibration Points	2 points
Memory	48 Data Sets
Output	USB
Power	1*9V Battery
Battery Life	100 hours
Dimensions	185(L)*mm88(W)mm*32(H)mm
Weight	300g



An ISO 9001 : 2208 | ISO 14001 : 2008 | ISO 13485  
WHO: GMP Products | GLP Compliant Products

[www.acmasindia.com](http://www.acmasindia.com) | [www.acmasglobal.com](http://www.acmasglobal.com) | [www.measuring-meters.com](http://www.measuring-meters.com)

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