

DISSOLVED OXYGEN

HANDHELD DO METER - DO820

Liquid Analysis

Measurement & Monitoring



DESCRIPTION

The DO820 handheld DO meter completed with DO electrode, membrane cap, electrolyte solution, battery and carrying case. It is an economy portable DO meter equipped with a large LCD display for easy viewing. The Automatic Temperature Compensation (ATC) circuit built inside the equipment will eliminate any possibility of having errors arising from changes in the temperature of the measured solution.

The economical portable DO meter enables 1 or 2 points calibration using the air saturated water or zero oxygen solution. The salinity and barometric pressure compensations ensure the reliable measurement results.

TECHNICAL FEATURES

FEATURES

- ✓ 1 or 2 points calibration
- ✓ Auto temperature compensation
- ✓ Polarographic DO probe
- ✓ Large LCD display
- ✓ Data hold function freeze current reading for easy viewing
- ✓ Built-in real-time clock stamps stored data to meet GLP standard
- ✓ User friendly, easy maintenance

DO Sensor Type	Polarographic DO Probe
DO Range	0.00 to 20.00 mg/L
DO Accuracy	±0.5 mg/L
Resolution	±0.1 mg/L
Saturation Range	0.0 to 200.0 %
Saturation Accuracy	±10% F.S
Temperature Compensation	0 to 50°C, Automatic
Calibration Points	1 or 2 points
Barometric Pressure Correction	60.0 to 112.5 kPa, 450 to 850 mmHg
Salinity Correction	0 to 35 mg/L
Memory	Stores up to 48 data sets
Output	USB communication interface
Power Supply	9V/800mA battery
Hold Function	Manual
Device Weight	300g
Device Dimension	185 (L) x 88 (W) x 32(H) mm

I-SYSTEM MEASUREMENT
www.ismesb.com



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09-2021

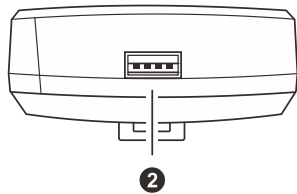
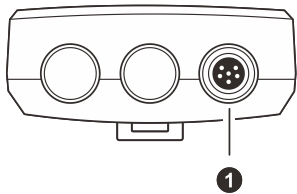
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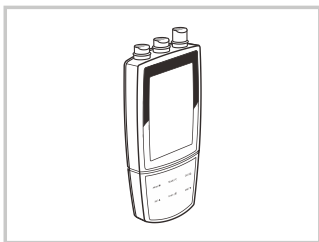
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DIMENSION/DRAWING

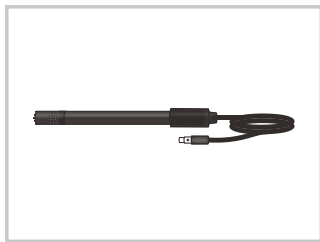


- 1) 6-pin connector for DO electrode
- 2) USB connector for USB cable

COMPLETE ACCESSORIES



DO meter



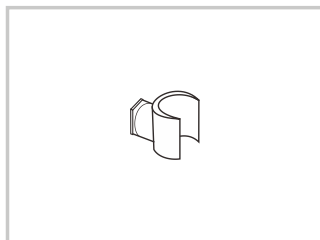
DO electrode



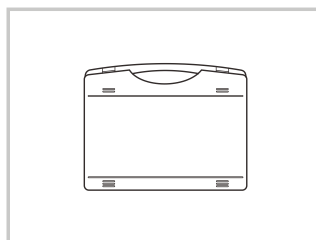
electrolyte solution



membrane cap



electrode clip



carrying case

