

S-612 Benchtop Dissolved Oxygen Meter



Main Features

- 6.5 inch LCD screen which is intuitive and can show more parameters. Humanized design of operating interface makes operations simpler.
- Omron long lasting and light touch panel can be used more than 100,000 times.
- Auto calibration, auto temperature compensation, data storage, USB data export, clock, wireless printing, function setup, smart self-diagnosis and other intelligent functions.
- Built-in big memory can store 150 sets of test data which can be saved and transferred to USB flash drive and opened with Excel, very easy and convenient for edit.
- DO mode has functions of ATC, auto salinity compensation and auto pressure compensation.
- New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
- Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
- Optional Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to cell phone via wireless Bluetooth.
- IP54 dustproof and waterproof housing.

Standard Configuration

1.S-612 Dissolved Oxygen meter	1 unit	5.Membrane cap(for DO electrode)	3 pcs
2.Composite DO electrode	1 pc	6.DO electrode electrolyte (30ml)	1 bottle
3.Rotary electrode holder	1 pc	7.Brief operating manual	1 copy
4.12V power adapter	1 pc		

Note: benchtop DO meter is polarographic, suggest using it together with magnetic stirrer (optional).



Specifications

MODEL	S-612
Display	6.5 inch LCD screen
Parameters	Concentration, Saturation, Temperature
DO Range	0.00 ~ 20 mg/L(ppm)
DO Resolution	0.01/0.1
DO Accuracy	±0.3%
DO Saturation	0.0 ~200%
Saturation Resolution	0.1%
Saturation Accuracy	±2.0%FS
Temperature Measuring Range	(0~100)°C
Temperature Resolution	0.1°C
Temperature Accuracy	±0.5°C
Termperature compensation range	(0 ~ 100)°C (automatic)
Salinity compensation range	(0.0 ~ 50.0)g/L
Pressure compensation range	(80~105)kPa(automatic)
Pressure resolution	1
Pressure Accuracy	± 2%
Stability	(±0.07mg/L)/1h
Response time	≤30s(25°C, 90% response)
Data Storage	150 sets, USB storage
Communication Interfaces	USB, Bluetooth
Working Conditions	Temperature: 5 ~ 40° Humidity: 5 ~ 85%
Power Requirements	12V/1A(with standard AC adapter)
Size & Weight	240 × 170 × 70mm/600g