

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.
- Meet GLP norms, with 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 500 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.
- With standard Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to PC and cell phone via wireless Bluetooth.
- IP54 dustproof and waterproof housing

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Specifications

MODEL	S-612
Display	6.5 inch LED 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	0.0~600%
Saturation Resolution	0.1%
Saturation Accuracy	±2.0%FS
Temperature Measuring Range	(0~100)℃
Temperature Resolution	0.1℃
Temperature Accuracy	±0.1℃
Temperature Compensation	(0~45)℃ (automatic)
Salinity Compensation	(0.0~50.0) g/L
Pressure Compensation	(80~105) kPa (automatic)
Pressure Resolution	1
Pressure Accuracy	±2%
Stability	(±0.07mg/L)/1h
Response Time	≤30s (25℃, 90% response)
Data Storage	500 sets, external USB storage
Communication Interfaces	USB, Bluetooth
Working Conditions	Temperature: 5-40°
	Humidity: 5-85%
Power	12V1A (with standard AC adapter)
Dimensions &Weight	240 x 170 x 70mm/600g

Standard Configuration

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

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