

PORTABLE PH/DO METER KIT

REF: SX725



Apera SX725 is designed for lab-grade measurement of pH and DO (dissolved oxygen) in the field, suitable for general water solutions' applications such as water treatment, groundwater, surface water, hydroponics, environmental monitoring, aquaculture, aquarium, beverage making, etc.

Basic Features

- **Intelligent functions:** auto. calibration, auto. temperature compensation, self-diagnosis, data logging, auto. power off, and more.
- **Digital filter technology:** enhance the meter's response time and measurement accuracy
- **Automatic electrode recognition:** the meter automatically switches to the right parameter mode according to the connected electrode
- **Data logging:** 300 sets of data storage and recall
- **Built tough:** IP57 water-resistant structure, ideal for use in harsh environment

Complete Kit



1. SX725 pH/DO meter
2. 201T-S pH/temp. electrode
3. DO500 DO electrode
4. pH buffer (7.00)
5. pH buffer (10.01)
6. pH buffer (4.00)
7. DO503 Membrane Cap
8. Polishing paper for DO electrode
9. DO502 DO inner solution
10. Backup batteries*2
11. Screw driver
12. User Manual

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Data Logger



Automatic Compensation for Higher Accuracy



pH Electrode

The 201T-S pH/temp. electrode is featured with fast response and high accuracy. This electrode is suitable for general water solutions' pH testing.



DO Electrode

Apera's proprietary 3-in-1 polarographic DO electrode's polarization takes only 5 min vs. industry average 30 min.

Measurement Range: 0-20.00mg/L
Cable length: 2 meters
Temperature unit: 30KΩ Thermistor



Waterproof 8-pin Connector



Easy Calibration

Quick response and short polarization time



IP57 waterproof

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Technical specifications

Parameters			Description
Measurement parameters	pH/mV		✓
	Dissolved Oxygen		
	Temperature		
pH	Range	-2.00 to 19.99 pH	
	Accuracy	±0.01pH±1 digit	
	Automatic calibration	1-3 point	
	Temp. compensation range	0 to 100°C	
mV	Measuring Range	-1999 to 1999 mV	
	Accuracy	±0.1% F.S	
DO	Range	(0 to 20.00) mg/L(ppm) (0 to 199.9) %	
	Accuracy	± 0.30 mg/L	
	Temp. compensation range	0 to 45°C (auto.)	
	Salinity compensation range	0 to 45 ppt (auto.)	
	Barometric pressure	(66 to 200) kPa (manual)	
Other	Data storage		300
	Power		AA batteries (1.5V x2)
	IP rating		IP57 Dustproof and waterproof
Size and weight	Meter		(65x120x31) mm/180g
	Big case (360x270x76) mm/ 1.7Kg		✓
Basic configuration	201T-S ATC pH electrode		
	DO500 Polarographic DO electrode		
	pH standard buffer solution (pH4.00, pH7.00 and pH10.01/50mL)		