

Microprocessor Benchtop pH/ORP/Ion Meters

Model SP-2300/SP-2500



Features:

- Auto self-test function, error code indication
- Large LCD display with backlight function
- Temperature compensation with PT-1000 or NTC probe with auto recognition and temperature correction function
- Auto-Read function
- Gradually continuous sample measurements average function to enhance stability
- Auto save the measurement with programmable time interval setting, min. 5 seconds
- Data-logger with memory for 500 data sets
- Up to 5-point auto calibration, shows offset and slope after calibration
- Custom definition buffer setting table calibration
- Built-in real time clock with programmable timer for auto power-off,
- GLP calibration, & data logger
- RS-232 interface for print or saved data transfer or time-interval measurement output
- Ion-selective measurement (SP-2500 only)



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Specifications:

Model		SP-2300	SP-2500
Measuring Mode		pH/ORP/Temp.	pH/ORP/Temp./ION
Measuring Range	pH	-2.00~16.00pH/-2.000~16.000pH	
	ORP	-1999~1999mV/-1999.9~1999.9mV	
	Temp.	-10.0~110.0°C	
	ION	—	0.001~1999.9ppm (mg/l)
Resolution	pH	0.01/0.001pH	
	ORP	1mV/0.1mV	
	Temp.	0.1°C	
	ION	—	1/0.1/0.01/0.001ppm (mg/l)
Accuracy	pH	±0.005pH (±1 Digit)	
	ORP	±0.05% (±1 Digit)	
	Temp.	±0.2°C (±1 Digit)	
	ION	—	±0.5% (±1 Digit)
Auto-Read		Yes	
Temperature Compensation		Automatic with PT-1000/NTC 30K Manual	
Ambient Temperature		0~50°C	
Storage Temperature		-20~70°C	
Impedance Input		≥10 ¹² Ω	
Display		LCD display with backlight function	
RS232 Interface		Yes	
Data Storage		500 sets	
Signal Output		Yes	
Power Supply		4 x AA Batteries or 6V DC Adaptor (100~240VAC, 50/60Hz)	
Dimensions		220 x 190 x 70mm (L x W x H)	
Weight		0.7Kg	
Certificate		CE	

*The specifications and appearance of the instrument are subject to change without notice.

Standard accessories:

Meter.....1PC
 Flexible electrode holder.....1PC
 Buffer solution pH 7.00 500ml.....1PC
 pH 4.00 500ml.....1PC
 4 x AA battery.....1PK
 AC/DC (110 or 220V) adapter.....1PC
 Instruction Manual.....1PC

Optional accessories:

pH combination electrode
 ORP combination electrode
 Ion selective electrode
 ATC probe
 Buffer solution pH 10.00 500ml
 Ion standard and ISA solution
 3M KCL
 Flexible electrode holder
 RS-232 cable



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