

PL-800 Dual-Use Multi-Parameter Meter

pH · ORP · Conductivity · TDS · Salt · DO · Temperature
Optional charging Base with magnetic stirrer



Features

- The microprocessor-based design and rugged housing with a splash-proof keyboard ensure durability and protection against water splashes.
- The large backlight 128 x 64 dot-matrix display ensures clear visibility of all information and facilitates easy navigation of settings.
- Built-in date and time information, readings can be stored in the instrument and on an SD card.
- Real-time output of readings to a computer.
- User-defined pH, ORP, Conductivity calibration points.
- Support for conductivity electrodes with K values of 1, 10, and 0.1.
- The TDS ratio can be user-configured.
- Uses rechargeable lithium battery.
- Max/Min Mode, Timer measurement.
- USB Type C connector and free PC software.
- The instrument comes with a built-in stand, providing convenience for placing it on a table during use.
- Optional desktop stand available, equipped with a stirrer, electrode holder, charging capability, and computer connectivity.

Models

- PL-800AL: pH/ORP/Conductivity/TDS/Salt/DO/Temperature
- PL-800PC: pH/ORP/Conductivity/TDS/Salt/Temperature
- PL-800P: pH/ORP/Temperature
- PL-800C: Conductivity/TDS/Salt/Temperature
- PL-800D: DO/Temperature

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Specifications

4803P	pH	ORP	Temp.	DO
Range	-2.00~16.00 pH	-1999 ~ -200 mV -199.9 ~ 499.9 mV 500 ~ 1999 mV	0~110 °C	0~20.00 mg/L
Accuracy	±0.01+1 digit	±2+1 digit	±0.2+1 digit	±0.2+1 digit
Resolution	0.01 pH	0.1/1 mV	0.1 °C	0.01 mg/L
Compensation	ATC: 0~100 °C	N/A		ATC: 0~60 °C MSC: 0~50 ppt MAC: 0~20000 ft

	Conductivity	TDS	Salt
K=1	0.0~ 199.9 μS	0.0~131.9 ppm	0.0~99.9 ppm
	200~ 1999 μS	132~1319 ppm	100~999 ppm
	2.00~ 19.99 mS	1.32~13.19 ppt	1.00~9.99 ppt
	20.0~ 200.0 mS	13.2~132.0 ppt	10.0~100.0 ppt
K=0.1	0.0~ 199.9 μS	0.0~131.9 ppm	0.0~99.9 ppm
K=10	2.00~ 19.99 mS	1.32~13.19 ppt	1.00~9.99 ppt
	20.0~ 200.0 mS	13.2~132.0 ppt	10.0~100.0 ppt
Accuracy	±2% FS	±2% FS	±2% FS
Resolution	0.1/1μS/0.01/0.1 mS	0.1/1ppm/0.01/0.1ppt	
Compensation	ATC: 0~50 °C		

Temperature Compensation	ATC via 30K thermistor probe
Power supply	9V DC or USB Type C

