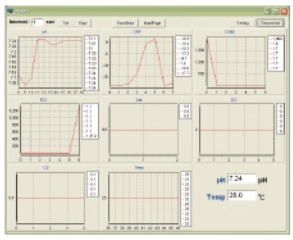
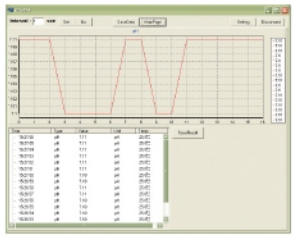
PL-700 series Bench Top Meter

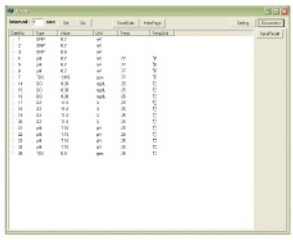
pH · ORP · Conductivity · TDS · Salt · DO · Temperature with Built-In Stirrer and USB Data Output

Features

- Microprocessor based designed, and rugged housing with splash proof keyboard.
- The large backlight LCD displays pH or ORP or Conductivity or DO and Temperature simultaneously.
- Automatic Temperature Compensation(ATC), Manual Salinity(MSC) and Altitude(MAC) Compensation.
- Memory function stores and recalls up to 150 points. MAX/MIN and data Lock. Degree ℃/℉ are switchable.
- Combine special platform and electrode holder, or stirrer(Optional) for measuring convenient.
- The TDS value is determined by multiplying a conductivity reading by a known ratio in the range of 0.50 to 1.00.
- Output data for capturing on PC directly via USB.







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PL-700ALS

PL-700PCS

PL-700PDS

PL-700PVS

Specifications

	pH	ORP	Conductivity	TDS	Salt	DO	O2	Temp
Range	-2.00~16.00 pH	-1999 ~ -200 mV -199.9 ~ 499.9 mV 500 ~ 2000 mV	0.0~ 199.9 µS 200~ 1999 µS 2.00~ 19.99 mS 20.0~ 100.0 mS@25℃	0.0~131.9 ppm 132~1319 ppm 1.32~13.19 ppt 13.2~66.7 ppt	0.0~99.9 ppm 100~999 ppm 1.00~9.99 ppt 10.0~50.0 ppt	0~20.00 mg/L 0~20.00 ppm	0~200.0 %	0~110 ℃
Accuracy	±0.01+1 digit	±2+1 digit	±2% FS			±0.2+1 digit	± 2% FS	±0.2+1 digit
Resolution	0.01 pH	0.1/1 mV	0.1/1µS/0.01/0.1 mS	0.1/1ppm/0.01/0.1 ppt	0.1/1ppm/0.01/0.1 ppt	0.01 mg/L	0.10%	0.1℃
Compensation	ATC: 0~100 ℃	N/A	ATC: 0~50 ℃			ATC: 0~50 ℃ MSC: 0~50 ppt MAC:0-20000 ft		

Power	9V DC (AC adaptor)
Dimension	240 x 170 x 56 mm without electrode holder
Weight	700 g (meter only)

Standard Accessories

PL-700AL	PL-700PC	PL-700PD	PL-700PV
pH glass electrode	pH glass electrode	pH glass electrode	pH glass electrode
Conductivity cell	Conductivity cell	DO probe	Temp. probe
DO probe	Temp. probe	Temp. probe	Standard solution
Temp. probe	Standard solution	Membrane cap x 4 pcs	Electrode holder
Membrane cap x 4 pcs	Electrode holder	Electrolyte x 50 ml	Software and USB cable
Electrolyte x 50 ml	Software and USB cable	Standard solution	DC/AC adaptor
Standard solution	DC/AC adaptor	Electrode holder	instruction manual
Electrode holder	instruction manual	Software and USB cable	Gift box
Software and USB cable	Gift box	DC/AC adaptor	Optional: Stirrer
DC/AC adaptor	Optional: Stirrer	instruction manual	
instruction manual		Gift box	
Gift box		Optional: Stirrer	
Optional: Stirrer			

Ordering Information

PL-700 □ □

- S-stirrer
- AL-pH/Cond/DO/Temp
- PC-pH/Cond/Temp
- PD-pH/DO/Temp
- PV-pH/mV/Temp

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