

PCW-3000 Multi-Parameter Transmitter

pH. ORP. Conductivity. TDS. Salt. DO. Temperature
RS-485. WiFi. 4-20mA. Relay.



Features

- Microprocessor based for fast, reliable, and accurate measurements.
- RS-485 digital output, and WiFi module as optional.
- 4-20mA analog output. Hi and Lo two relays. (for single parameter meters)
- Isolated ORP electrode connector. Users can connect pH and ORP electrodes simultaneously.
- Can be mounted on wall or on a protection tube.

Models

Models	pH	ORP	Conductivity	TDS	Salt	DO	Temp.	RS-485	WiFi	4-20mA	Relay
PCW-3000A	•	•	•	•	•	•	•	•	optional		
PCW-3000P	•						•	•	optional	•	•
PCW-3000R		•					•	•	optional	•	•
PCW-3000C			•	•	•		•	•	optional	•	•
PCW-3000D						•	•	•	optional	•	•

Specifications

	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
Range	0.0~ 199.9 µS 200~ 1999 µS 2.00~ 19.99 mS 20.0~ 100.0 mS	0.0~131.9 ppm 132~1319 ppm 1.32~13.19 ppt 13.2~66.7.0 ppt	0.0~99.9 ppm 100~999 ppm 1.00~9.99 ppt 10.0~50.0 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 Pt-1000 or MTC
Digital Output	RS-485, WiFi (optional)
Analog Output	4-20mA isolated current output (500 Ω)
Relays (2)	SPDT contacts rated for 5A at 115V
Power supply	9V DC or 100V~240V AC (Alternative)

