

Microprocessor pH/ORP Panel Meter

PC-100 / PC-110



Applications:

- Water & Wastewater Treatment
- Recycling
- Chemical Process
- Scrubber
- Industrial Process
- Electronics Process

Features:

- 48 x 96 mm Microprocessor pH/ORP Monitor & Controller
- User-friendly operation
- Compact design fits in small space installation
- Sensor slope performance diagnostic function and error messages
- Simultaneous display of measurement value and temperature
- Two points Tech., NIST, or any buffer calibration
- Automatic temperature compensation, NTC30K or PT 1000 selectable
- One set of isolated current output DC 0/4~20mA
- LED indicator alarm and wash status signal
- Gradually continuous sample measurements average program to enhance stability
- With multi-key design, security protection enhancement

PC-110 only:

- PC-110 offers one Hi/Lo relay contact output, one set point with programmable hysteresis function



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Specifications:

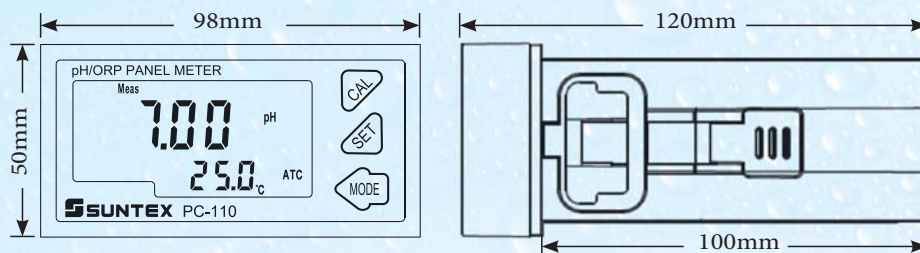
Model		PC-100	PC-110
Measurement Parameter		pH / ORP / Temp.	
Range	pH	-2.00~16.00 pH	
	ORP	-1999~1999 mV	
	TEMP	-30.0~130.0°C	
Resolution	pH	0.01 pH	
	ORP	1 mV	
	TEMP	0.1°C	
Accuracy	pH	±0.01 pH (±1Digit)	
	ORP	±0.1% (±1Digit)	
	TEMP	±0.2°C (±1 Digit) with temp. error correction function	
Temperature Compensation		Automatic with PT-1000 or NTC 30K	
		Manual adjustment	
Working Temp.		0~50°C	
Storage environment		-20~70°C	
Input Impedance		> 10 ¹² Ω	
Display		LCD display	
Analog output		Isolated DC 0/4~20mA corresponding to pH/ORP, max load 500Ω	
Setting	Contact	—	240VAC 0.5A Max.
	Activate	—	Hi/Lo one limited programmable relay output
Power Supply		100V~240VAC±10%, 50/60Hz, 3W Max.	
Installation		Panel mounting	
Dimensions		48 mm × 96 mm × 120 mm (H×W×D), 1/8 DIN	
Cut off Dimensions		44 mm × 92 mm (H×W)	
Weight		0.25Kg	

What's included? 2 Panel mounting clips

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

Optional Accessories:

1. pH electrode
2. ORP electrode
3. pH buffer solution
4. ORP standard solution
5. Junction box
6. Immersive holder
7. Extension cable
8. Temperature probe
9. Inline housing
10. Bypass chamber



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