

## WPH Specifications

### Measurement Performance

pH Range:	-2 to 16 pH
pH Resolution:	.0015 pH units (.01 pH displayed)
pH Accuracy (Calibrated):	± .01 pH
ORP Range:	-1500 to 1500 mV
ORP Resolution:	92 µV (1mV displayed)
ORP Accuracy:	±1 mV
Temp Comp (optional):	100 or 1000 ohm platinum RTD
Temperature Range:	32-212°F (0-100°C)
Temperature Resolution:	±.09°F (.05°C)
Temperature Accuracy:	± .9°F (± .5°C)

### Electrical: Input/Output

#### *Input Power*

Controller	110-120VAC	or	220-240VAC
	50/60 Hz, 10A	or	50/60 Hz, 5A

#### *Input Signal*

pH/ORP	±1500 mV
Temp Comp (optional)	Pt100 or Pt1000
Interlock (optional)	Isolated dry contact closure required (i.e., flow, level, etc.)

#### *Output*

Control 1/2 (ON/OFF)	
Internally powered relays	@ 120 VAC, 10A resistive, 1/8 HP @ 240 VAC, 6A resistive, 1/8 HP

Control 1/2 (Proportional)	
Opto-isolated	150mA, 40 VDC Max.
Solid State Relay	VLOWMAX = .13V @ 18 mA

AUX1, AUX2, Alarm	
Dry contact relays	@ 120 VAC, 10A resistive, 1/8 HP @ 240 VAC, 6A resistive, 1/8 HP

*Note:* The Alarm relay is non-programmable. Refer to the Main Menu diagram on page 14 for the list of error conditions that trigger the alarm relay.

4-20 mA (optional)	Fully isolated, internally powered, 600 Ω max. resistive load. Resolution .001% of span, accuracy ±1% of reading.
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