

## Eutech Instruments pH 500 1/4-DIN pH/ORP Transmitter

### No tools required for setup

- Displays pH or ORP plus temperature with 4 to 20 mA output
- Scaleable pH or ORP output with automatic temperature compensation (ATC)
- Accommodates solution ground for use in electrically noisy environments

Features input to output isolation plus it accepts electrodes with a solution ground to operate in symmetrical mode, ensuring proper operation in electrically noisy environments. Display allows local monitoring of measurement and temperature and output signal to a centralized control, data logging, or recording system. Order the BNC-to-stripped-wire adapter for proper connections.



### Save time, save money!

#### Choose Precalibrated

Includes a data-rich, ISO 17025 certificate—no additional charge!

Precalibrated by **INNOCAL**  
INNOVATIVE CALIBRATION SOLUTIONS



Description		Transmitter	Precalibrated transmitter
Catalog number		<a href="#">GH-56717-20</a>	<a href="#">GH-56717-27</a>
Range	pH		0.00 to 14.00
	mV		-1000 to 1000
	Temperature		-10 to 110°C
Resolution	pH		0.01 pH
	mV		1 mV
	Temperature		0.1°C
Accuracy	pH		±0.01 pH
	mV		±2 mV
	Temperature		±0.5°C
Temperature compensation		Automatic or manual, 100 Ω Pt RTD, 2- or 3-wire system	
Calibration	pH		Offset ±1 pH
	mV		Offset ±50 mV
	Temperature		None
Slope		Slope 80 to 120%	
Output		4 to 20 mA	
Power		12 to 24 VDC	
Price			

#### Accessories

[GH-27018-02](#) Ryton® PPS body pH electrode with 100 Ω Pt RTD, solution ground, and 10-ft (3-m) cable

[GH-27018-40](#) Ryton® PPS body, platinum wire ORP electrode with solution ground, and 10-ft (3-m) cable

[GH-56105-60](#) BNC-to-stripped-wire adapter; connects pH electrodes with BNC connectors to meters with terminal strips

## Eutech Instruments pH 800 1/4-DIN pH/ORP Controller

### Reduce false alarms due to fluctuations

- Minimize false alarms with programmable delay, up to 2000 seconds
- Memory retains calibration and configuration even during power failure
- Eliminate effects of temperature with manual or automatic temperature compensation



The pH 800 offers a large dual line display to facilitate programming and displays pH or ORP and temperature.

Relay hold feature maintains relay and current output status during configuration or calibration. Programmable hysteresis bands prevent relay chatter when value fluctuates around set points. Controller provides a 4 to 20 mA output signal. Removable terminal strips simplify power, temperature input, and relay installation.



Description		110 VAC	220 VAC
Catalog number		<a href="#">GH-56705-00</a>	<a href="#">GH-56705-05</a>
Range	pH		-2.00 to 16.00
	mV		±1000
	Temperature		-9.9 to 125.0°C
Resolution	pH		0.01
	mV		1
	Temperature		0.1°C
Accuracy	pH		±0.01
	mV		±1
	Temperature		±0.5°C
Temperature compensation		Manual or automatic, 100 Ω or 1000 Ω Pt RTD, 2- or 3-wire system	
Control type		On/off (limit)	
Number of set points		Two (high, low)	
Dead band		0.1 to 1.0 pH units; 10 to 100 mV	
Output	Control	Two SPDT relays (110 VAC, 6 A, 500 W)	
	Current	4 to 20 mA, 600 Ω max load	
Programmable relay delay		0 to 2000 sec	
Power		110 VAC, 48 to 62 Hz	220 VAC, 48 to 62 Hz
Price			

#### Accessories

[GH-50001-00](#) Power cord; US standard plug, 6 ft (1.8-m), 120 VAC for use with model 56705-00

[GH-56705-17](#) pH 800 with NIST-traceable calibration report, 110 VAC

[GH-56705-27](#) pH 800 with NIST-traceable calibration report, 220 VAC