

1/4-DIN Monitors, Controllers, and Transmitters

EUTECH INSTRUMENTS pH/ORP 550 Monitor and pH 560 pH/ORP Controller

1/4-DIN, economical monitor or controller with large dual displays

- Measure and display both pH/ORP and temperature
- Automatic or manual temperature compensation
- Asymmetrical or symmetrical mode operation

The pH 550 and pH 560 models are used to measure pH/ORP and temperature values in applications such as water treatment and monitoring, chemical processing, or food processing. The monitors have user-friendly features like menu-driven programs and calibrations that are easily performed with the push-button keypad. One- or two-point calibrations can be performed with USA or NIST buffer sets. All values, operational, and error messages are indicated on the large, dual-line LCD. All setup and calibration parameters are retained in the nonvolatile memory to prevent data loss during power outages.

Measurements are compensated for temperature variations automatically when used with pH electrodes that have temperature elements. These monitors also offer manual temperature compensation with independent settings for calibration and process temperature. Order 100 Ω Pt RTD pH and ORP electrodes from pages 1317–1329; also requires BNC-to-stripped-wire adapter to install pH or ORP electrodes.

The pH 560 controller offers additional features over the pH 550 monitor including on/off control and backlit LCD. The pH 560 relays have separately adjustable high and low set point hysteresis (dead bands) to prevent relay chattering. The relays feature a 0 to 2000 second time delay to prevent false alarms and unnecessary control.

What's included: 110/220 VAC to 9 VDC power adapter.



56717-30

ISO9001:2000
CERTIFIED SUPPLIER

Catalog number		R-56717-30	R-56717-32
Description		pH 550 monitor	pH 560 controller
Range	pH	0.00 to 14.00	
	mV	-1000 to 1000	
	Temperature	14.0 to 257.0°F (-10 to 125°C)	
Resolution	pH	0.01	
	mV	1 mV	
	Temperature	0.1°C	
Accuracy	pH	±0.01	
	mV	±2 mV	
	Temperature	±0.5°C	
Temperature compensation		Automatic or manual, 100 Ω Pt RTD	
Control type		None	On/off (limit)
Number of set points		None	Two
Dead band		None	Independently programmable
Display		LCD	LCD with backlight
Housing		1/4 DIN, IP65	
Output	Relay	None	Two SPDT
	Current	None	None
Programmable relay delay		N/A	0 to 2000 seconds
Power		110/220 VAC, 50 Hz to 9 V DC (adapter included)	
Dimensions (W x H x D)		3 3/4" x 3 3/4" x 2 5/8" (96 x 96 x 66 mm)	
Price			

R-56105-60 BNC-to-stripped-wire adapter connects pH electrodes to meters with terminal strips.....

EUTECH INSTRUMENTS pH 500 pH/ORP Transmitter with Display

Industrial transmitter with many features!

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

The pH 500 industrial transmitter with display allows easy setup and calibration without tools. Features input to output isolation plus it accommodates 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, datalogging, or recording system. Mounting holes allow easy installation on plates, poles, or walls. Order the BNC-to-stripped-wire adapter 56105-60 for proper connections. Order ORP or pH electrodes with solution ground below. Additional ORP or pH electrodes with 100 Ω Pt RTD can be ordered from pages 1317–1329.

ISO9001:2000
CERTIFIED SUPPLIER

Catalog number		R-56717-20
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
Output		4 to 20 mA
Temperature compensation		Automatic or manual, 100 Ω Pt RTD, 2 or 3 wire system
Display		Dual-line LCD
Housing		1/4-DIN, IP65
Calibration	pH	Offset ±1 pH
	mV	Offset ±50 mV
	Temperature	None
Slope		Slope 80 to 120%
Power		12 to 24 VDC
Dimensions (W x H x D)		3 3/4" x 3 3/4" x 2 5/8" (96 x 96 x 66 mm)
Price		

**OEM
inquiries
(888) 358-4710**



56717-20

Accessories

R-27018-02 Ryton® PPS body pH electrode with 100 Ω Pt RTD, solution ground, and 10-ft cable.....

R-27018-40 Ryton® PPS body, platinum ring ORP electrode with solution ground, and 10-ft cable.....

R-56105-60 BNC-to-stripped-wire adapter; connects pH electrodes with BNC connectors to meters with terminal strips.....