

NEW

Industrial pH Instrumentation & Electronics Mini Panel-Mount pH Controller

PHCN-201

- ✓ User-Selectable Acid or Alkaline Relay
- ✓ Simple One-Point Calibration
- ✓ Reduced Size to Facilitate Installation
- ✓ Choose from 100 to 240V or Low Voltage 12 Vdc Models
- ✓ Practical and Convenient

PHCN-201 is a simple-to-operate pH controller specially designed for applications where space or costs are a major concern. Thanks to its compact size of only 8 x 5 cm (3 x 2"), PHCN-201 can be mounted in confined spaces and right next to tanks or vats. The low cost of the meter will also make it possible for processes that up to now were manually maintained to be controlled automatically, saving considerable time and money. Measurements are displayed in large digits on the LCD and LED lights indicate the exact status of the controller, even from a distance. PHCN-201 also incorporates a bi-directional relay. Through a simple jumper on the rear of the meter, the operator can select acid dosage, which means the relay is activated with measurements above the setpoint, or alkaline with relay closed when measuring below the setpoint. In order to adjust the setpoint from 0 to 14 pH or to calibrate meter at any point on the scale, simply turn the relevant trimmer right on the front panel. The controller is easy to use and to install. Any combination pH electrode with a BNC connector can be hooked up to the meter. The meters are available in three models to best suit your application. You can choose from the 100 to 110V or the 220 to 240V operated model. For those who prefer to operate at low voltage, there is also the 12 Vdc version with the transformer included in the low cost of the meter.

Specifications

Range: 0.0 to 14.0 pH
Resolution: 0.1 pH
Accuracy (@20°C/68°F): ±0.2 pH
Calibration: 1 point adjustable with trimmer
Setpoint: Adjustable from 0.0 to 14.0 pH with trimmer
Relay Control: 2 amps @ 220 Vac Selectable acid or alkaline dosage
Acid: Activated when reading higher than setpoint



PHE-1411 pH electrode sold separately, shown smaller than actual size.

Alkaline: Activated when reading lower than setpoint

Power Supply: 110/115V; 50 to 60 Hz
 External 12 Vdc (optional)
 220/240V; 50 to 60 Hz (optional)

Environment: 0 to 50°C (32 to 122°F); max. RH 95%

Dimensions: 79 x 49 x 95 mm (3.1 x 1.9 x 3.7")
Weight: 150 g (5.3 oz.)

To Order Visit omega.com/phcn201 for Pricing and Details

Model No.	Description
PHCN-201	Mini panel mount pH controller
PHE-7351-15	Industrial electrode for in-line or submersion
PHE-1411	Laboratory double junction, plastic body, gel-filled combination pH electrode with 1 m (3.3') cable
PHA-77	Third arm electrode holder for laboratory electrodes
PHA-4	4.00 pH buffer solution 475 ml bottle
PHA-7	7.00 pH buffer solution 475 ml bottle
PHA-10	10.00 pH buffer solution 475 ml bottle

Comes with complete operator's manual.

Add "-12VDC" or "-240VAC" for optional power requirements, no additional charge.

Ordering Example: PHCN-201, pH controller, PHE-7351-15, pH electrode, PHA-4, 4.01 buffer solution, PHA-7, 7.01 buffer solution.