

# Industrial Wall Mount Controllers/Recorders for pH or ORP



PHCN-371-PH Shown



PHCN-371-PH-ORP Shown

- ✓ Measure, Control and Record pH or ORP
- ✓ IP65 Box Enclosure Single or Dual Input with Paper Recorder
- ✓ Display 4-Digit LED 13.7 mm
- ✓ Microprocessor Based Versatility
- ✓ Compact Panel Design

The PHCN-370/380 Series of pH or ORP recorders and controllers provides a reliable method of monitoring, controlling and recording pH and conductivity for various industrial and chemical processes. The PHCN-370 has an impressive list of standard features which include IP65 enclosure, digital display, paper or paperless data logging, relay output and manual or automatic temperature compensation.

The PHCN-370 series features an inkless pressure sensitive paper recorder. The PHCN-370 series pressure sensitive recorder and controller will record up to 30 days of process data. Choose between either a single or dual parameter monitoring system of pH or ORP.

The pH and ORP controller is a new microprocessor based design featuring manual or automatic temperature compensation, two mechanical relays for on-off control, digital display of either pH, ORP or temperature, calibration and parameter setpoints are programmable through the front keypad.

## Specifications

### Common

#### Specifications:

#### Control Outputs:

- 2 SPDT
- 6 amp relays, programmable for active above or below setpoint latch or non-latching

**Power:** 115 Vac or 230 Vac  
50/60 Hz:(specify)

#### pH CONTROLLER:

**Range:** pH 0-14;  
Temperature 0 to 100°C

**Resolution:** pH 0.01;  
Temperature 0.1°C

**Accuracy:** pH 0.01;  
Temperature: ±0.1°C

**Display:** 4 Digit red LED  
13.7 mm (0.54")

**Temperature Compensation:** Manual or automatic  
0 to 100°C using PT100 ohm RTD

**Connector:** pH-BNC; Temperature-  
Miniature phone plug or terminal strip

#### ORP CONTROLLER:

**Range:** ±2 Vdc (±2000 mV)



**Display:** 4 Digit red LED  
13.7 mm (0.54")

**Resolution:** 0.1, 0.1 mV

**Accuracy:** 0.1 mV @25°C

#### Decimal Point:

2 position autoranging

#### PAPER RECORDER:

**Range:** 2-12 pH

#### Resolution:

±0.2 pH/lateral chart deviation

**Accuracy:** ±0.2 pH

**Temperature Compensation:** Manual  
supplied with fixed resistor.

Automatic 1000 Ω platinum RTD



# pH Controllers/Recorders



PHCN-370 Series

**£815**

Basic Model

### Input Type

Input Code	Range	Description
PH	0-14 pH; 0-100°C	pH controller with temperature compensation
ORP	±2 Vdc	ORP controller

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model No.)		
Model No.	Price	Description
PHCN-370-*	£815	Single input monitor and paper recorder 110 Vac Powered†
PHCN-371-*	1190	Single input controller and paper recorder 110 Vac Powered†
PHCN-372-*(-)*	1600	Two controllers and two channel paper recorder. 110 Vac Powered†

\* Specify input code: "PH" (pH controller), "ORP" (ORP controller)

†Note: for 230 Vac power add "-230" suffix to model number, no additional charge.

Ordering Example: PHCN-371-PH, Single input pH controller/recorder, £1190



PHE-6510 Series electrodes sold separately

PHCN-372-PH-ORP shown