



Compact pH/ORP Single Limit Controller

PHCN-40



- ✓ High or Low Setpoint
- ✓ Easy to Use
- ✓ Low Cost
- ✓ ±500 mV Recorder Output

The economical PHCN-40 is an analog meter with a relay output for high or low limit control.

The single limit controller is a general purpose pH/ORP controller for both laboratory and industrial use. It is AC powered, and features two-point calibration with manual temperature compensation. The pH meter's resolution provides accuracies of 0.01 pH and 10 millivolts allowing for very sensitive measurements.



PHCN-40 shown smaller than actual size.

Specifications

- Readout:** 15 cm (6") analog
- Operation Modes:** pH or mV
- pH Measurements:**
 - Range:** 0 to 14 pH
 - Accuracy:** ±0.05 pH
- Temperature Compensation:**
 - Manual 0 to 100°C (32 to 212°F)
- Millivolt/Redox Measurements:**
 - Range:** ±900 mV
 - Accuracy:** ±10 mV
- Input Impedance:** >1.5 x 10¹² Ω
- Connector:** BNC
- Power:** 115 Vac
- Weight:** 1.4 kg (3 lb)
- Control Limits:**
 - High (Hi) pH:** 0 to 14, ±900 mV
 - Low (Lo) pH:** 0 to 14, ±900 mV
 - Dead Band:** 0.1 pH to 0.6 pH, 25 to 125 mV internally adjustable
- Controller Output Power:** 700 watts at 115 Vac, SPDT relay
- Output to Recorder:** ±500 mV

To Order

Model No.	Description
PHCN-40	pH/ORP limit controller
PHE-6510	Submersible pH electrode
PHEH-65-10	Required mounting assembly for PHE-6510
ORE-6510	Submersible ORP probe
PHA-4	4.01 pH buffer solution, 475 ml bottle
PHA-7	7.01 pH buffer solution, 475 ml bottle
PHA-10	10.01 pH buffer solution, 475 ml bottle

Comes complete with operator's manual.

Ordering Example: PHCN-40 analog pH/ORP limit controller with PHE-6510, electrode, and PHEH-65-10, mounting assembly.