



Compact pH/ORP Single Limit Controller

PHCN-40
\$594



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

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

The new 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, \$594, 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:

$> 1.5 \times 10^{12} \Omega$

Connector: BNC

Power: 115 Vac (230 Vac option)

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

ALL MODELS AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | |
|---------------------------------|-------|---|
| Model No. | Price | Description |
| PHCN-40 | \$594 | pH/ORP limit controller |
| PHE-6510 | 115 | Submersible pH electrode |
| PHEH-65-10 | 44 | Required mounting assembly for PHE-6510 |
| ORE-6510 | 115 | Submersible ORP probe |
| PHA-4 | 5 | 4.01 pH buffer solution, 475 ml bottle |
| PHA-7 | 5 | 7.01 pH buffer solution, 475 ml bottle |
| PHA-10 | 5 | 10.01 pH buffer solution, 475 ml bottle |
| OP-20 | 79 | Reference Book: Calibration, a Technician's Guide |

Unit comes with a complete operator's manual.

Ordering Example: PHCN-40 analog pH/ORP limit controller with PHE-6510, electrode, and PHEH-65-10, mounting assembly, \$594 + 115 + 44 = \$753.

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