

PHAMP-1 Battery-Powered pH/ORP Pre-amplifier



- _____
Provides for long cable runs
- _____
Extends electrode service life
- _____
Easy installation
- _____
Works with almost any make or model pH/ORP controller
- _____
Lithium cells for long service life

SPECIFICATIONS

Dimensions: 0.83" diameter x 4.00" length (see outline drawing below)

Materials of construction: Stainless steel

Power requirement: N/A powered by 2 3 Volt Lithium cells not replaceable

Input: pH or ORP electrode with BNC connector impedance <math> < 10^{13}</math> Ohms

Output: mV unity gain, <math> < 20,000</math> Ohm resistance

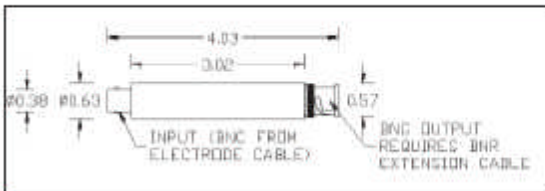
Output offset: 2 mV max (0.03 pH units)

Operating Temperature: 0-60 deg C

Weight: 2 Oz. (5.87 gram)

The PHAMP-1 is a battery-powered unity-gain preamplifier that allows the user to run cables up to 1000 ft. between the electrode and pH/ORP controller/meter. The PHAMP-1 should be located close to the electrode for optimum use. High impedance pH signals are reduced from megohms to under 20,000 ohms. By locating the device near the electrode, you can enhance the service life of your electrodes by eliminating noise from cable runs. Sealed to keep out moisture, the PHAMP-1 is self powered by two 3 volt lithium cells and has an estimated lifetime of 3 years. Simply plug in any pH or ORP electrode equipped with a BNC connector and plug in the extension cable and you are done.

Part number	Description
PHAMP-1	PHAMP-1, sealed battery-powered universal pH preamplifier. Estimated 3-5 year life
EXT CABLE	Extension coaxial cable
BNR/7-cable	
length in feet	



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