

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

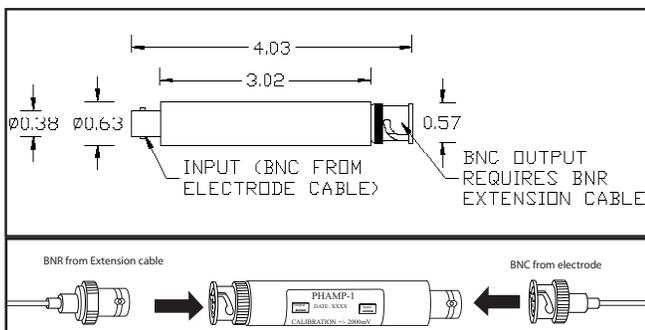
The PHAMP-1 is a battery-powered unity-gain preamplifier that allows the user to run cables up to 1000 feet between the electrode and pH/ORP controller/meter. The PHAMP-1 should be located close to the electrode for optimum use. High impedance pH signals are reduced from megohms to under 20,000 ohms.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

Specifications

Dimensions	0.63" diameter x 4.00" length (see out-line drawing below)
Materials of Construction	Stainless steel
Power Requirement	Powered by two 3-volt Lithium cells not replaceable
Input	pH or ORP electrode with BNC connector impedance 10^{13} Ohms
Output	mV unity gain, <math><20,000</math> Ohms resistance
Output Offset	2 mV max (0.03 pH units)
Operating Temperature	0-60 deg C
Weight	2 Oz. (5.87 grams)

Ordering Information

Part No.	Description
PHAMP-1	PHAMP-1, sealed battery-powered universal pH preamplifier. Estimated 3-5 year life
EXT CABLE	Extension coaxial cable (up to 1000ft) BNR/?-cable length in feet



Parts covered by this product data sheet include:
PHAMP-1



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