

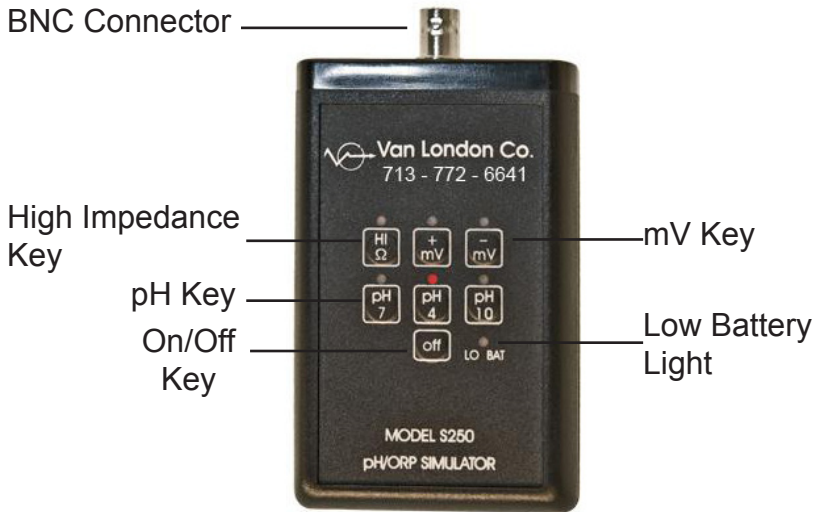
# pH / ORP Simulator

## Model S250

11/09



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### Features

- Water Resistant Push Buttons
- Selectable 1000 Meg-Ohm Output Load
- Plastic Case
- LED Status Lights
- BNC Connector
- Simulates pH, mV, ORP

### Specifications

- pH Settings: 4.01, 7.00, 10.00
- ORP Settings: + 700 & - 700 mV
- Accuracy: ± 0.1%
- Output Impedance: 1000 Meg-Ohm
- Power: 9V Battery
- Dimensions: 2½"W x 3¾"H x 15/16" D

This easy-to-use **Model S250** is a precision pH/ORP Simulator, for troubleshooting pH & ORP problems. The S250 simulates the electrode output in the following manner:

The pH settings include three pH/mV outputs: 4.01 pH (+177.4 mV), 7.00 pH (0mV), and 10.00 pH (-177.4mV).

The ORP settings include two mV outputs: + 700 mV or - 700 mV.

Select the High Impedance 1000 Meg-Ohm setting when simulating a pH/mV output to determine if there is a problem with the instrumentation, cabling, or amplifier.

Each push button features an LED status light. There is also a low battery indicator LED.

The **Model S250** is shipped with a 9V battery and a 3 ft. cable with a BNC for connecting to an instrument with a BNC input connector. Other optional connections are available.

The **S250** will troubleshoot any pH / mV or ORP instrument providing the correct cable connection is used.

### Order Information:

Part Number SR25000: Complete with BNC to BNC 3 foot cable connection.

### Optional Connection Cables:

8001016-A	3 foot lead with U.S. Standard	8001016-I	3 foot lead with DIN (19262 Socket)
8001016-B	3 foot lead with BNC		Connector
8001016-C	3 foot lead with Radiometer	8001016-ST	3 foot lead with Stripped & Tinned Ends
8001016-H	3 foot lead with Spade Lug	8001016-I	3 foot lead with Special Connector