



Precision pH Simulator



ISO 9001
CERTIFIED



- Push Button pH/mV Selection
- USA/NIST pH Buffer Standards Simulation
- 16 Combination Values
- High Input Impedance Test
- Large Easy-to-read Display
- Rugged Splash-proof Design

EUTECH
INSTRUMENTS
Technology Made Easy ...



Splash-proof Keypad



Rubber Boot With Hinge

EUTECH's pH - millivolt Simulator is a handy, easy -to-use service tool for testing pH meter accuracy. Supplied complete with BNC cable and a sturdy rubber boot, it is a perfect tool for pH meter troubleshooting and fault diagnosis.

WIDE VALUES

Simulate any of following pH values : 1.00, 1.68, 4.01 6.86, 7.00, 9.18, 10.01 and 12.45 and any of following millivolt values : -1800, -900, -390, +390, +900 and +1800.

USA AND NIST pH BUFFERS

Simulator supports BOTH US and NIST pH buffer values.

PUSH-BUTTON SELECTION

Push Button selection ensures chosen pH or mV values are exact and precise unlike conventional simulators where manual tuning is necessary.

HIGH IMPEDANCE INPUT TEST

High Impedance simulation ENSURES instrument design does not compromise reliability.

LARGE EASY-TO-READ DISPLAY

BRIGHT LED - Light Emitting Diode display makes viewing EASY.

LOW BATTERY INDICATION

LOW BATTERY indicator ensures that batteries are replaced ONLY when you need to.

SPLASH-PROOF KEYPAD

Keypad is splash-proof and designed for easy finger touch operation. Tangible feedback confirms key selection.

HARD RUBBER BOOT

A sturdy rubber boot protects the simulator from accidental knocks. Use the hinge at the back of the simulator to position the simulator on a Bench Top

INNOVATIVE DESIGN

Like all Eutech products, this simulator is ergonomically designed for convenient one-hand operation.

APPLICATIONS

Simulator tests most pH / redox instruments with BNC connectors (e.g. pocket testers, portable meters, bench meters, controllers, transmitters, etc.)

METERS SPECIFICATIONS: Precision pH Simulator

pH Simulation Values	pH 1.00, 1.68, 4.01, 6.86, 7.00, 9.18, 10.01 & 12.45
pH Simulation Accuracy	+/- 0.02 pH
mV Simulation values	-1800, -900, -390, +390, +900 & +1800 mV
mV Simulation Accuracy	+/- 1 mV
High Impedance Test (Hi-Z)	1 GΩ at pH 4.01 & 10.01
pH Buffer Set Standard	USA, NIST
Display	LED (Orange lighting)
Output	BNC connector
Power Requirements	4 'AAA' Alkaline Batteries
Operating Temperature	0 to 40°C
Relative Humidity	80% up to 31°C decreasing linearly to 50% at 40°C
Dimensions / Weight	Meter : 14 X 17 X 3.5 cm, 200g Boxed : 24 x 17 x 8 cm, 500g

ORDERING INFORMATION

Order No.	Item
EC-PHSIMULATOR	pH Simulator (with coaxial BNC-BNC cable, 1m length)

Note: We reserve the right to make changes, improvements and modifications to products shown.

Eutech Instruments warrants its pH Simulator free from manufacturing defects for 1 year.

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