

# 220 Portable pH/mV/°C/°F Meter

This Series meters includes models 220, 221 for the measurement of acidity and alkalinity in liquids. These microprocessor-based meters are economical and easy to use. It has a large custom LCD for clear and easy reading.

## Automatic Calibration:

The meters is capable of calibrating up to 3 points using USA or NIST pH standard buffer. From Setup Menu, choose Calibration and immerse pH electrode into indicated calibration solution, press ENTER key and meter is automatically calibrated.

## Auto-Buffer Recognition:

During calibration, if the calibration solution does not match the meter's indicated value, an ERROR message is displayed. After calibration, the percentage slope of the electrode is displayed before the meter returns to measurement mode. Per the slope value, you decides whether to change the pH electrode.

## Automatic Temperature Compensation:

Using the supplied temperature probe, the temperature value is displayed on the screen. The meters provides manual or automatic temperature compensation mode for optimum accuracy under variable temperature conditions.



## Hold Function:

To keep the latest measurement on the display, after taking a reading press the HOLD key and the measurement remains on the display, You can easily view and record data.

## Power Monitor:

During using, The CPU continuously monitors and displays the battery level, When the battery is running out of power, The battery icon will disappear from the LCD.

## Specifications:

Model	220
Ph Range	-2.00 to 16.00 pH
pH Accuracy	±0.01 pH
mV Range	0 to±1999mV
mV Accuracy	±1mV
Temperature Range	0.0 to 100.0°C, 32 to 212°F
Temperature Accuracy	±1°C
Calibration Points	2 points
pH Buffer Options	NIST(pH4.00/6.86/9.18) or USA (pH4.01/7.00/10.01)
Temperature Compensation	0.0 to 100.0°C, 32 to 212°F, Manual or Automatic
Memory	50 data sets with date/time stamping
Connect	BNC
Output	USB
Power Requirements	1x9V battery
Dimensions & Weight	185(L)x88(W)x32(H) & 300g