

Benchtop pH / mV / °C Meter

APHS Series



aczel

Application

Education : chemical experiments
 Laboratory : routine measurements and quality controls

APHS-BW Series benchtop pH/mV meters includes models APHS-25CW, 3CW and 3BW for the measurement of **acidity and alkalinity in liquids.**

Meters Included

pH Electrode, pH Buffers, Temperature Probe (For PHS-3BW), Electrode Holder Arm, 9V Power Adapters,

View Electrode Slope

After calibration, the percentage slope of the electrode is displayed before the meter returns to measurement mode. Per the slope value, you decide whether to change the pH electrode.

Automatic Temperature Compensation (for Aps-3bw)

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



Meter Includes

pH Electrode, pH Buffers, Temperature Probe (for APHS-3BW), Electrode Holder, 9V Power Adapter

Auto-buffer Recognition

During calibration, if the calibration solution does not match the meter's indicated value, and ERROR message is displayed.

Automatic Calibration

The meter is capable of calibrating up to 3 points using USA or NIST pH standard buffer. Press CAL key to enter calibration mode and immerse pH electrode into indicated calibration solution, press ENTER key and meter is automatically calibrated.

Fluid Resistant Housing And Swivel Electrode Holder

The integrated plastic housing and keypad is sealed to protect against accidental spills and splashes. The electrode holder arm is rapidly switched to both sides and swivels and articulates for convenient use and positioning.

Model	APHS 25CW	APHS 3CW	APHS 3BW
pH			
Range	0.001~14.00pH		
Accuracy	± 0.05pH	± 0.01pH	
Resolution	0.1pH		
Calibration Points	2 Point		
Calibration Solutions	USA (pH4.01/7.00/10.01) or NIST (pH4.01/6.86/9.18)		
Temperature Compensation	0 ~ 100	0~100°C	
Temperature Mode	Manual		Manual or Automatic
MV			
Range	-199~199mV		-1999~1999mV
Accuracy	± 10mV		
Resolutions	1mV		
Temperature			
Range	0~100°C, 32~212°F		
Accuracy	----		±1°C
Resolutions	----		1°C
Others			
Connectoter	BNC		
Power Requirement	DC9V, using AC adaptor, 220VAC/50Hz		
Dimensions (LxWxH)	210 x 205 x 65mm		
Weight Approx.	1.5 Kg		

WORLDWIDEMARKETING

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