

Benchtop Microprocessor Meters

Benchtop Microprocessor pH/mV Meter

PHMV series precision pH/mV meter, ideal for routine use in schools, laboratories and production plants, and is capable of measuring pH/mV value and ion concentration with an ion selective electrode.



Two-Points Push-Button Calibration:

PHMV series with two points calibration function. It will prompt pH calibration solution when calibrating the meter. You need only immerse the pH electrode into standard solution and press [CAL] key, then the meter will be calibrated automatically.

Auto-Buffer Recognition:

In calibration, the meter will display ERROR automatically if using pH standard solution by mistake or not by the direction.

Viewing of Electrode Slope:

After calibration, the meter will indicate electrode slope, upon which replacement of the electrode can be determined.

Automatic Temperature:

PHMV-1T with temperature sensor, can measure temperature of solution and can adjust temperature automatically.

Keypad and Electrode Holder:

The meter has waterproof panel, and there is no need to worry if sample solution splashes over the meter. The electrode holder can be used conveniently.

Packing List:

pH glass electrode, pH buffers, electrode holder, 9V power adapters, temperature probe (only for PHMV-1T)

Specification

Model	PHMV-5	PHMV-1	PHMV-1T
pH Range	0.00 ~ 14.00pH		
pH Accuracy	± 0.05 pH	± 0.01 pH	
Resolution	0.01 pH		
mV Range	0 ~ ± 1999mV		
mV Accuracy	± 10 mV	± 2 mV	
Resolution	1mV		
Temperature Range	N/A		0 ~ 100 °C
Temperature Accuracy	N/A		± 1 °C
Resolution	N/A		1 °C
Temperature Compensation	0 ~ 95°C (Manual)		0 ~ 95°C (Auto or Manual)
Calibration Points	2 of 3 points, NIST pH buffer standards, pH4.00/pH6.86 or pH6.86/pH9.18		
Power	9V DC, using AC adapters		
Dimension (LxWxH)	8.5 x 8 x 2.5 inch / 210 x 205 x 65 mm		
Weight	3.3 lbs / 1.5 kg		