

## PH-016 Bench Ph Meter



### PH-016 Bench pH/mV/Temperature Meter(Backlit display)

PH-016 is an accurate electrochemical apparatus which is used to measure the acidity and basicity, electrode potential and the temperature of solutions. It is an accurate secondary instrument with the Backlit display. It can be used with various ion-selective electrodes to measure cell potential of electrodes in solution. The negative logarithm of the ionic activity in solution can be read directly. The instrument can also be used as an accurate pH meter and an accurate mV meter with high input impedance. According to Nernst equation combined with microcomputer technology, the apparatus carries out real-time monitoring and data treatment. Then the acidity result can be measured.

The handy keyboard for the selection of the various functions. The possibility of automatically correcting errors in measurement due to temperature and the extreme simplicity of regulation all serve to permit a rapid and reliable execution of calibration and measurement.

The display on the front panel reveals the temperature. PH or mV reading is taken by the instrument. The instrument comes supplied with a combined PH electrode and a probe for the measurement and compensation of the temperature.

Model	PH-016	
Measuring range	PH	0.00~14.00PH
	mV	0~±1999mV
	Temp	0~100°C
Accuracy	PH	±0.01pH
	mV	±0.1%F·S±1digit
	Temp	±0.4°C
Resolution	PH	0.01pH
	mV	1mV
	Temp	0.1°C
Environment	Temperature:0°C~50°C Humidity:≤95%	
Display	4-digital LCD	
Power Supply	AC110V or AC220V 50/60Hz	
Input Impedance	1012 Ohm	
Dimensions	240mm×185mm×100mm	
Weight	660g	