

PHS-3C TABLE PH METER



PHS digital display acidity meter is a high-precision instrument for measuring PH value in laboratory. It has dual functions of PH and mV. The E201 composite electrode was used for fast reaction and good stability. This series of instruments are widely used in scientific research, teaching, agriculture and many other disciplines and fields.

The activity of hydrogen ions in aqueous solution is converted into electric energy by A sensor (pH composite electrode), which is input to the instrument. After operation, discharge and detection, A/D is converted into digital display. The above electrical energy conforms to nernst equation:

Technical parameters and working conditions

Instrument model	phs-25 phs-2c phs-3c
PH measurement range:	0.00 ~14.00pH 0.00 ~14.00pH
PH measurement accuracy	± 0.05 pH & plusmn; 0.02 pH & plusmn; 0.01 pH
Resolution	0.01pH 0.01pH 0.01pH
MV measurement range is	0 ~± 1999 0 ~ mv & plusmn; 1999 0 ~ mv & plusmn; 1999 mv
MV measurement accuracy	± 10 mv & plusmn; 10 mv & plusmn; 2 mv
The resolution is	1mV 1mV 1mV
Temperature compensation range	0 ~ 60 °C ~ 60 °C 0 ~ 60 °C
Standard buffer solution	pH4.00; PH6.86; PH9.18,
Power type stabilized voltage	power adapter, or power cord
Appearance size	220mm× 200 mm & times; 85 mm
The weight about	1 kg