



PHS-1701 Portable pH ORP Meter

PHS-1701 portable pH ORP meter is a digital display PH ORP meter, with LCD digital display, which can display PH and temperature values simultaneously. The instrument applies to the labs in junior college institutions, research institutes, environmental monitoring, industrial and mining enterprises and other departments or field sampling to determine the aqueous solutions' PH values and potential (mV) values. Equipped with ORP electrode, it can measure the solution's ORP (oxidation-reduction potential) value; equipped with the ion specific electrode, it can measure the electrode potential value of the electrode.

Technical Indexes

Measuring range	pH	-2.00...16.00 pH
	ORP	-1999...1999 mv
	Temp	-5°C---105°C
Resolution	pH	0.01pH
	mV	1mV
	Temp	0.1°C
Electronic unit measurement error	pH	±0.01pH
	mV	±1mV
	Temp	±0.3°C
pH calibration	1 point, 2 point, or 3 point	
Isoelectric point	pH 7.00	
Buffer solution	8 groups	
Power supply	DC6V/20mA ; 4 x AA/LR6 1.5 V or NiMH 1.2 V and chargeable	
Size/Weight	230×100×35(mm)/0.4kg	
Display	LCD	
pH input	BNC,resistor >10e+12Ω	
Temp input	RCA(Cinch),NTC30kΩ	
Data storage	Calibration data;198 groups measurement data (99 groups for pH,mV each)	
Working condition	Temp	5...40°C
	Relative humidity	5%...80%(without condensate)
	Installation grade	II
	Pollution grade	2
	Altitude	<=2000m

