

Benchtop pH/ORP/Ion Meter



pH:

- * 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers.
- * Automatic electrode diagnosis shows the pH slope and offset.
- * Automatic temperature compensation ensures accurate readings over the entire range.
- * Calibration due alarm prompts user to calibrate the meter regularly.

ORP:

- * 1 point offset calibration allows adjusting the displayed value to a known standard.
- * Relative and absolute millivolt modes ensure the reliable ORP measurements. Ion Concentration (For PH-930).
- * 2 to 5 points calibration, including the 8 concentration points can be selected.
- * Direct ion concentration readout simplifies the measurement process.
- * Automatic electrode diagnosis shows the calibration points and slopes.
- * Selectable concentration units (ppm, mg/L, mol/L, mmol/L) and ionic valency.

General Features

- * Auto-Read function senses and locks the measurement endpoint.
- * Setup menu allows setting the pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time, etc.
- * Reset function automatically resumes all settings back to the factory defaults.
- * Expanded memory stores or recalls up to 500 data sets.
- * USB communication interface for data transfer and timed interval readings.

Accessories:

E201-BNC plastic body pH electrode, temperature probe, pH buffer sachets, electrode holder, DC5V power adapter.

Technical Parameters:

Model	PH-920	PH-930	
PH	Range	-2.000~20.000pH	
	Accuracy	±0.002pH	
	Resolution	0.1, 0.01, 0.001pH, Selectable	
	Calibration Points	1~5 points	
ORP	Calibration Solutions	USA, NIST, DIN, 2 custom buffers	
	MV Range	±1999.9mV	
	Relative mV Range	±1999.9mV	
	Resolution	0.1, 1mV, Selectable	
Ion	MV Accuracy	±0.2mV	
	Calibration Points	1 point	
	Range	/	0.001~19999ppm, mg/L, mol/L (depending on the range of ISE)
	Resolution	/	0.001, 0.01, 0.1, 1
	Accuracy	/	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
	Measurement Units	/	ppm, mg/L, mol/L, mmol/L
Temperature	Calibration Points	/	2 to 5 points
	Calibration Solutions	/	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
	Range	0~105°C/32~221°F	
	Resolution	0.1°C/0.1°F	
	Accuracy	±0.5°C/±0.9°F	
	Offset Calibration	1 point, reading ±10°C	
Other Specifications	Temperature Compensation	0~100°C, Manual or Automatic	
	Stability Criteria	Low or high	
	Calibration Due Alarm	1 to 31 days or off	
	Slope/Offset Display	Yes	
	Hold Function	Manual or auto-endpoint	
	Memory	500 data sets	
	Communication Interface	USB	
	Connector	BNC, 3.5mm jack socket	
	Display	Custom LCD (125*100mm)	
	Power Requirements	DC5V power adapter	
Dimensions(mm)	210*188*60mm		
Weight(kg)	1.5kg		
Package Size(W*D*H)mm	310*240*180mm		
Gross weight(kg)	1.7kg		