

Benchtop pH/ORP/Ion Meter



PH-920

PH-930

pH Mode:

- * 1 to 5 points push-button calibration with auto-buffer recognition.
- * Selectable pH buffer options or using the custom calibration solutions.
- * Automatic electrode sieve display helps user decide whether to replace sensor.

ORP Mode:

- * 1 point offset calibration allows adjusting the displayed value to a known standard.
- * Relative and absolute mV measurement modes provide accurate ORP readings.

Ion Concentration Mode (For PH-930):

- * 2 to 5 points calibration providing the 8 concentration points can be selected.
- * Automatically recognize ion electrodes, does not need to specify the type of ion.
- * Selectable multiple concentration units include the ppm, mg/l and mol/l.

Other Features:

- * Auto-Hold function freezes stable reading for easy viewing and recording.
- * Automatic electrode diagnosis shows offset and electrode sieve.
- * Expanded memory stores and recalls up to 500 readings.
- * Built-in real-time clock stamps stored data to meet GLP standard.

Accessories:

- * pH electrode
- * Temperature probe
- * pH buffer pouches (pH4.0117.00/10.01)
- * USB cable
- * DCSV power adapter

Technical Parameters:

| Model | PH-920 | PH-930 |
|----------------------------|---|--|
| pH Range | -2.000-20.000pH | |
| pH Accuracy | ±0.002pH | |
| Resolution | 0.1, 0.01, 0.001pH, Selectable | |
| Calibration Points | 1~5 points | |
| Calibration Solutions | USA (pH1.6814.0117.00110.01/12.45), NIST (pH1.68/4.01/6.86/9.18/12.45), DIN (pH1.09/4.65/6.79/9.23/112.75) or User-defined | |
| Temp. Compensation | 0~100°C, 32~212° F. Manual or Automatic | |
| mV Range | -1999.9~1999.9mV | |
| mV Accuracy | ±0.2mV | |
| Resolution | 0.1, 1mV, Selectable | |
| Calibration Points | 1 point (Only for Relative mV mode) | |
| Ion Concentration Range | | 0.001~19999ppm, mg/l., mol/L (Refer to the range of ISE) |
| Ion Concentration Accuracy | I | ±0.5% F.S (Monovalent), ±1% F.S (Divalent) |
| Temp. Range | 0~105°C, 32~221° F | |
| Temp. Accuracy | ±0.5°C, ±0.9° F | |
| Calibration Points | | 2~5 points (0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000ppm, mg/L, mol/L) |
| Memory | Stores up to 500 data sets | |
| Output | USB Communication Interface | |
| Connector | BNC | I |
| Power Requirements | DC5V/400mA power adapter | |
| Dimensions(W*D*H) | 210*150*100mm | |
| Package Size(W*D*H) | 310*240*100mm | |
| Net Weight | 1.5kg | |
| Gross Weight | 1.7kg | |