

PH900P Portable Multi-parameter Water Quality Meter



Model	PH900P
pH Range	-2.000~20.000pH
pH Accuracy	±0.002pH
Resolution	0.001, 0.01, 0.1pH, selectable
Calibration Points	Up to 5 points
Calibration Solutions	USA(pH1.68/4.01/7.00/10.01/12.45), NIST(pH1.68/4.01/6.86/9.18/12.45), DIN(pH1.09/4.65/6.79/9.23/12.75)
Ion Concentration Range	0.001~19999ppm, mg/L, mol/L (Depending on measuring range of Ion selective Electrode)
Ion Concentration Accuracy	±0.5% Full Scale (Monovalent), ±1% Full Scale (Divalent)
Calibration Points	2 to 5 points
Calibration Solutions	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000ppm, mol/L, mg/L
mV Range	-1999.9~1999.9mV
mV Accuracy	±0.2mV
Resolution	0.1, 1mV, selectable
Conductivity Range	0~20mS/cm (Max.200mS/cm)
Conductivity Accuracy	±0.5% Full Scale
Calibration Points	Up to 5 points
Calibration Solutions	10uS/cm, 84uS/cm, 1413uS/cm, 12.88mS/cm, 111.8mS/cm
TDS Range	0~10ppt (Max. 20ppt, Depending on factor setting)
TDS Accuracy	±1% Full Scale
TDS Factor	0.1~1.0 (Default 0.5)
Salinity Range	0~10ppt (Max.80ppt)
Salinity Accuracy	±1% Full Scale
Salinity Measurement Modes	Practical Salinity (PSU) or Seawater Measurement Standard (ppt)
Resistivity Range	0~100MΩ
Resistivity Accuracy	±1% Full Scale
Resolution	0.001, 0.01, 0.1, 1, Automatic
Temperature Coefficient	0.0~10.0% per °C
Compensation Modes	Linear or Pure Water



Cell Constant	K=0.1, 1, 10, selectable
Normalization Temperature	20°C or 25°C
Dissolved Oxygen Range	0.00~20.00mg/L or ppm
Resolution	0.01, 0.1mg/L, selectable
Dissolved Oxygen Accuracy	±0.2mg/L (Calibration and measurement under the conditions of same temperature)
% Saturation of Oxygen	0.0~200.0%
Accuracy	±2.0%
Salinity Correction	0~50g/L
Pressure Correction	60.0~112.5kPa, 450~850mmHg
Temperature Range	0~105°C, 32~221°F
Temperature Accuracy	±0.5°C, ±0.9°F
Temperature Calibration	Manual
Temperature Compensation	0~100°C, 32~212°F, Automatic or Manual; DO Mode: 0~50°C, 32~122°F, Automatic
Auto-Off	Manual or Automatic (10, 20, 30 minutes after last key pressed, selectable)
Hold Function	Manual or Automatic
Stability Conditions	Low or High, selectable
Calibration due reminder	0 to 30 days
Reset Function	Yes
Memory	500 data sets with Date/Time stamping
Output	USB Communication Interface
Connector	BNC and 6-pin connector
Power Requirements	3x1.5V "AA" Batteries
LCD Display	Custom dual-display LCD (130x110mm)
Dimensions	170(L)x85(W)x30(H)mm
Weight	300 grams