

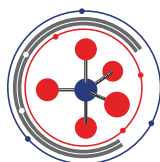
# AVANPRO



## AP-910P

Portable pH Tester

The **AP-910P** portable pH meter is a professional, compact, and user-friendly device. It is easy to use and offers up to 500 data sets. The **AP-910P** is widely used in the quality control of water and includes the pH and conductivity electrode, DO and temperature probe, pH buffers, conductivity standards, and a carrying case.



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# AP-910P

Portable pH Tester

## TECHNICAL DATA

### MEASUREMENT PARAMETERS:

- pH
- mV
- Conductivity
- TDS
- Temperature

### FEATURES:

#### pH

- Multiparameter water quality meter is equipped with a 6.5 inches backlit LCD display
- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows the pH slope and offset

#### ORP

- 1 point offset calibration allows adjusting the displayed value to a known standard
- Relative and absolute millivolt modes ensure the reliable ORP measurements

#### Conductivity/TDS

- 1 to 5 points calibration with automatic recognition for conductivity standards
- Selectable cell constant, reference temperature, TDS factor, linear and pure water compensations
- Automatic electrode diagnosis shows the calibration points and factors

#### General Features

- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Calibration due alarm prompts user to calibrate the meter regularly
- Setup menu allows setting the 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
- Multi-mode power scheme (batteries, power adapter and USB port) ensures that using the meter smoothly

### ACCESSORIES INCLUDED:

- pH electrode
- Temperature probe
- Power adapter



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## SPECIFICATIONS

PH	Range	-2.000 a 20.000pH
	Resolution	0.001, 0.01, 0.1pHselectable
	Accuracy	±0.002pH
	Calibration points	1 to 5 points
	pH buffer options	USA, NIST, DIN, 2 custom buffers
ORP	Range	±1999.9mV
	Resolution	0.1, 1mV, selectable
	Accuracy	±0.2mV
	Calibration points	1 point
CONDUCTIVITY	Range	0.01-20.00, 200.0, 2000µS/cm, 20.00, 200.0mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	±0.5% F.S.
	Calibration Points	1 to 5 points
	Calibration Solutions	10µS/cm, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm
	Temperature Coefficient	Linear (0.0-10.0%/°C), pure water
	Reference Temperature	20/25°C
	Cell Constant	K=0.1, 1, 10 or custom
TDS	Range	0-10.00, 100.0, 1000ppm, 10.00, 200.0ppt
	Resolution	0.01, 0.1, 1
	Accuracy	±1% F.S.
	TDS Factor	0.1-1.0 (default 0.5)
GENERAL SPEC.	Temperature Compensation	0-100°C / 32-212°F, manual or automatic
	Memory	500 data sets, USB communication interface
	Power requirements	3 × 1.5V AA batteries or DC5V power adapter
	Dimensions	170 x 85 x 30mm / 6.7" x 3.4" x 1.2" (L x W x H)
	Weight	300g / 11oz
Warranty	1 year	

