

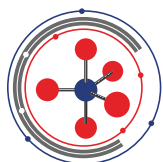
AVANPRO

AP-120

Benchtop pH Meter



The **AP-120** benchtop pH meter is a compact and user-friendly device. Its large vivid display offers a simple configuration menu, allowing users to quickly familiarize themselves with the unit. The **AP-120** is the ideal device for chemical analysis laboratories, educational facilities and research, as well as procedures that require efficient control of pH and ORP values.



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Benchtop pH Meter

TECHNICAL DATA

MEASUREMENT PARAMETERS:

- pH
- mV
- Relative
- mV
- Temperature

FEATURES:

pH

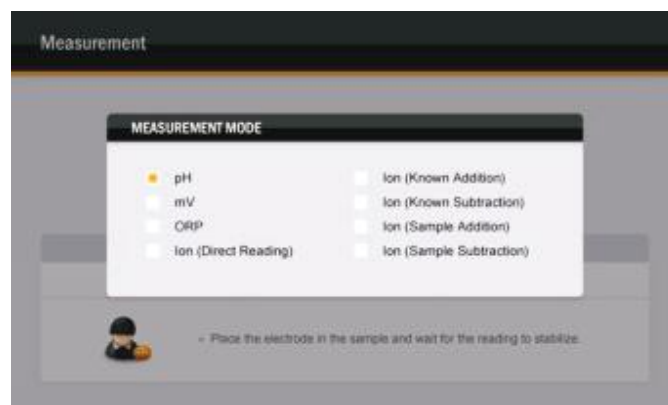
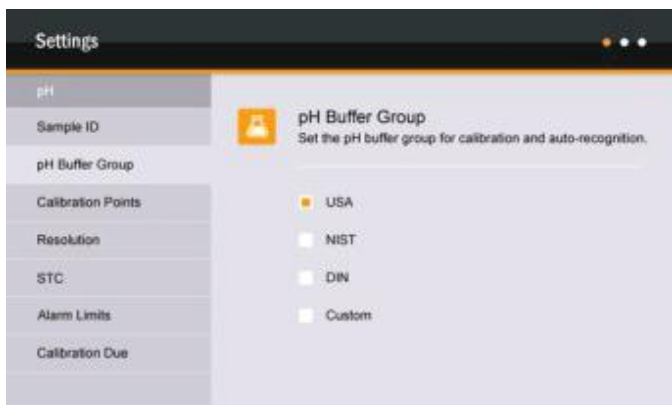
- 1 to 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows the pH slope and offset
- Solution temperature coefficient compensates for the pure water samples and references the pH to 25°C

ORP

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

General Features

- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-Read function senses and locks the measurement endpoint
- Timed Interval Readings sends the measurement data to a PC or printer
- Limit Alarm automatically alerts when reading exceeds the specified range
- Calibration due alarm prompts user to calibrate the meter regularly
- Password protection prevents the unauthorized calibration and settings
- Expanded memory stores or recalls up to 1000 data sets
- Reset function automatically resumes all settings back to the factory defaults



ACCESSORIES INCLUDED:

- pH electrode
- Temperature probe, (4.01/ 7.00 /10.01)
- Power adapter



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SPECIFICATIONS

PH	Range	-2.000~20.000pH
	Resolution	0.001, 0.01, selectable
	Accuracy	±0.002Ph
	Calibration points	1 to 5 points
	pH buffer options	USA, NIST, DIN, 5 custom buffers
ORP	Range	±2000.0mV
	Resolution	0.1mV
	Accuracy	±0.2mV
	Calibration points	1 point
TEMPERATURE	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 ESPECIFICATION	Temperature Compensation	0~100°C, manual or automatic
	Solution temperature coefficient	25°C
	Stability criteria	Standard or high accuracy
	Calibration due alarm	1 to 31 days or off
	Interval readings	10, 30, 60 seconds, 10, 30 minutes or off
	Password protection	4 digits
	Memory	1000 data sets
	Communication interface	USB
	Connector	BNC, 3.5 mm jack socket
	Display	7 inches TFT LCD
	Power requirements	DC12V power adapter
	Dimensions	240 (L) × 220 (W) × 80 (H) mm
	Weight	1.7kg
Warranty	1 year	

