

PHscan Series Pocket pH Tester



PHscan10/20 Features

- 2 points push-button calibration with auto-buffer recognition
- Hold function momentarily freezes reading for easy viewing and recording
- Auto-power off effectively conserves battery life
- Replaceable electrode module reduces maintenance and replacement cost



PHscan30 Features

- 1 to 3 points calibration with automatic recognition for USA and NIST buffers
- Automatic temperature compensation ensures accurate readings over the entire range
- Auto-read function senses and locks the measurement endpoint
- Setup menu allows setting the pH buffer set, number of calibration points, temperature unit, auto-power off, etc.
- Reset function automatically resumes all settings back to the factory defaults



PHscan40 Features

- BNC connector enables easy connection to a variety of pH electrodes
- 1 to 3 points calibration with automatic recognition for USA and NIST buffers
- Manual temperature compensation provides a wide range of temperature input
- Auto-read function senses and locks the measurement endpoint
- Setup menu allows setting the pH buffer set, number of calibration points, temperature unit, auto-power off, etc.
- Reset function automatically resumes all settings back to the factory defaults



Replaceable pH Electrodes



E-PHscan-S

- Circular pH-sensitive membrane
- For measuring the general water samples



E-PHscan-F

- Flat surface pH-sensitive membrane
- For measuring surfaces of semisolid and gel samples, such as printing ink, paints, papers, textiles, creams, doughs, etc.



E-PHscan-L

- Circular pH-sensitive membrane
- For measuring the samples in small containers (> Ø12 mm)



E-PHscan-P

- Spear tip pH-sensitive membrane
- For penetrating and measuring semisolid samples, such as soil, fruits, vegetables, meat, cheese, etc.

Specifications

Model	PHscan10	PHscan20	PHscan30	PHscan40	
pH	Range	0.0~14.0pH	0.00~14.00pH	-1.00~15.00pH	-1.00~15.00pH
	Resolution	0.1 pH	0.01 pH	0.01 pH	0.01 pH
	Accuracy	±0.1 pH	±0.05pH	±0.01 pH	±0.01 pH
	Calibration	2 points	2 points	1 to 3 points	1 to 3 points
	pH Buffer Options	4.01/7.00/10.01	4.01/7.00/10.01	4.01/6.86/7.00/9.18/10.01	4.01/6.86/7.00/9.18/10.01
Temperature	Range	—	0~60°C	0~60°C/32~140°F	0~100°C/32~212°F
	Resolution	—	1°C	0.1°C/0.1°F	0.5°C/0.5°F
	Accuracy	—	±1°C	±1°C/±1.8°F	—
	Offset Calibration	—	—	1 point, reading ±10°C	—
Other Specifications	Temperature Compensation	—	0~60°C, automatic	0~60°C, automatic	0~100°C, manual
	Hold Function	Manual		Manual or auto-endpoint	
	Auto-Off	8 minutes after last key pressed		8 minutes after last key pressed	
	Operating Temperature	0~50°C		0~50°C	
	Display	Single-line LCD (21×21 mm)		Dual-line LCD (21×21 mm)	
	Power Requirements	3×1.5V LR44 micro alkaline batteries		2×1.5V AAA batteries	
	Battery Life	Approximately 150 hours of continuous use		Approximately 200 hours of continuous use	
	Dimensions	185(L)×40(Ø)mm		185(L)×40(Ø)mm	175(L)×40(Ø)mm
Weight	100g		100g		

Ordering Information

- PHscan10/20/30-E: Tester, pH buffer solutions
- PHscan10/20/30-K: Tester, pH buffer solutions, carrying case
- PHscan40: Tester, E201-BNC plastic-body pH electrode, pH buffer solutions, carrying case