

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 is easy to connect 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
- Suitable for measuring the liquids



E-PHscan-F

- Flat surface pH-sensitive membrane
- Suitable for measuring the semisolids



E-PHscan-L

- Flat surface pH-sensitive membrane
- Suitable for measuring the small volume samples

Specifications

Model	PHscan10	PHscan20	PHscan30	PHscan40
pH	Range	0.0~14.0pH	0.00~14.00pH	-1.00~15.00pH
	Resolution	0.1pH	0.01pH	0.01pH
	Accuracy	±0.1pH	±0.05pH	±0.01pH
	Calibration Points	2 points	2 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
Temperature	Range	—	0~60°C	0~60°C/32~140°F
	Resolution	—	1°C	0.1°C/0.1°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
	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 (21×21mm)	—	Dual-line LCD (21×21mm)
	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(Dia.)mm	—	185(L)×40(Dia.)mm
Weight	100g	—	100g	

Ordering Information

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