

Pocket pH /°C/°F Tester



PH-40

PH-10F/S

PH-20F/S

PH-30F/S

PH-10L

PH-20L

PH-30L

Application:

- * PH-10S, 20S, 30S: suitable for measuring the liquids.
- * PH-10F, 20F, 30F: suitable for measuring the semisolid substances.
- * PH-10L, 20L, 30L: suitable for measuring the small volume samples.
- * PH-40 is suitable for connecting with the various pH electrodes.

PH-10/20 Features:

- * 2 points push-button calibration with auto-buffer recognition.
- * Hold function freezes current measured value for easy viewing and recording.
- * Auto-Power Off helps user effectively conserve battery life.
- * Replaceable electrode module reduces maintenance and replacement cost.



PH-30/40 Features:

- * BNC connector is easy to connect a variety of pH electrodes (Only for PH-40).
- * 1 to 3 points calibration with automatic recognition for USA and NIST buffers.
- * Automatic temperature compensation ensures accurate readings over the entire range (Only for PH-30); Manual temperature compensation provides a wide range of temperature input (Only for PH-40).
- * 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:



PH-S

Circular pH-sensitive membrane
Suitable for measuring the liquids



PH-F

Flat surface pH-sensitive membrane
Suitable for measuring the semisolids



PH-L

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

Accessories:

pH buffer pouches (pH4.01/7.00/10.01), batteries, plastic box or carrying case.

Technical Parameters:

Model		PH-10S/F/L	PH-20S/F/L	PH-30S/F/L	PH-40
pH	Range	0.0~14.0pH		-1.00~15.00pH	
	Accuracy	±0.1pH	±0.05pH	±0.01pH	
	Calibration Points	2 points		1~3 points	
	pH Buffer Options	USA (pH4.01/7.00/10.01)		USA (pH4.01/6.86/7.00/9.18/10.01)	
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	Temp. Compensation	/	0~60°C, Automatic		0~100°C, Manual
	Hold Function	Manual		Manual or Auto-endpoint	
	Auto-Off	8 minutes after last key pressed			
	Operating Temperature	0~50°C			
	Display	Single-line LCD (21*21mm)		Dual-line LCD (21*21mm)	
	Connector	6-pin			BNC
	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 (L*D) mm	185 (L) *40 (Dia.)			175 (L)*40 (Dia.)
	Package Size (W*D*H) mm	325*140*270			
	Net Weight(g)	100g			
	Gross Weight(kg)	1kg			