

# Pocket PH Tester



Pocket pH tester includes models 10, 20, 3D, 40 for measurement of acidity and alkalinity of liquids. Uses a flat surface pH electrode, the tester also can be used to measure the pH of semi-solid substances, such as cheese, creams, meats, etc.

#### Features :

1. Multi-point push-button calibration with auto-buffer recognition (Up to 3 points).z89;
2. Selectable pH buffer standards (USA or NIST) and temperature units (°C or °F).
3. Automatic Temperature Compensation provides highly accurate measurements over the entire pH range.
4. Hold function freezes the current displayed value for easy viewing and recording.
5. Auto-power off feature helps you effectively conserve battery life.
6. Setup menu lets user customize the pH buffer standards, calibration points and temperature units to meet personal preferences.
7. Replaceable electrode reduces maintenance and replacement costs.
8. Waterproof feature to ensure complete protection in harsh environments.

#### Applications :

1. S series testers are equipped with a standard pH electrode (Circular glass bulb) used to measure the pH of non-viscous, non-high temperature liquids, e.g., tap water, drinking water, rainwater, etc.
2. F series testers are equipped with a flat surface pH electrode used to measure the pH of semisolid substances, e.g., fruits, bread, creams, etc.
3. L series testers are equipped with a long-reach pH electrode used to measure the liquids in the test tube. PH40 tester is equipped with a standard BNC connector, which can use any pH electrode with BNC plug.

#### Meter Includes :

1. Standard pH Buffers (pH4.01, 7.00, 10.01), Batteries and Carrying Case.
2. PH40 tester includes a model E201-BNC standard pH electrode.

Model	PH10S/F/L	PH20S/F/L	PH30S/F/L	PH40
pH Range	0.0-14.0pH	-1.00-15.00pH	-1.00-15.00pH	-1.00-15.00pH
pH Accuracy	±0.1pH	±0.01pH	±0.01pH	±0.01pH
Temperature Range	----	---	0.0-60.0°C, 32-140°F	---
Temperature Accuracy	---	---	±1°C	---
Calibration Points	2 points	Up to 3 points		
pH Buffer Groups	USA (pH4.01, 7.00, 10.01)	USA (pH4.01, 7.00, 10.01), NIST (pH4.01, 6.86, 9.18)		
Temperature Compensation	---	0-60°C, 32-140°F, Automatic		0-100°C, 32-212°F, Manual
Sensor Type	Standard pH electrode: Flat surface pH electrode: Long-reach pH electrode, 6-pin connector			BNC connector
Power Requirement	3X 1.5V "G13A" Batteries	2X 1.5V "AAA" Batteries		
Auto-Off	After 8 minutes from last key press			
Dimensions	185(L)× 40 (Dia.)mm			
Weight	100grams			