

## PH510T pH Meter

### Features

- Color High contrast LCD touchscreen, 4.3 inches.
- Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Auto-hold feature senses and locks the measurement endpoint.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB communication.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- IP65 waterproof. The portable meter is suitable for fields measurements and out door measurements.
- 1-8 points calibration with Standard Recognition.
- Selectable pH buffer groups, including USA, NIST, DIN, GB, MERK, JIS.
- User-defined pH buffer or buffer group is supported.
- Automatic electrode diagnosis with pH slope and offset display.

### Includes

- E-301-QC 3 in 1 pH composite electrode
- NIST pH standard solution(4.01, 7.00, 10.01) , 50ml/vial
- Electrode holder
- Silicone rubber case
- Wristbands
- Touch pen
- Carrying case
- Touch pen



### Specifications

Model	PH510T	
Parameters	pH/Temp.(mV/ORP)	
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	±0.002 pH
	Calibration Points	Up to 8
	Standard Customization	Yes
	Calibration Reminder	Yes
	Standard Recognition	USA, NIST, MERK, JIS, GB and DIN buffers
	Slope Limit	Yes
mV/ORP	Range	-2000.00 to 2000.00 mV
	Resolution	0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03%
	EH ORP Mode	Yes
	ORP Calibration Points	1 custom point (relative mV)
Temperature	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
	Accuracy	±0.1°C

<b>Measurement</b>	<b>Reading Mode</b>	<b>Auto Read (Fast, Medium, Slow), Timed, Continuous</b>
	<b>Reading Prompts</b>	<b>Reading, Stable, Locked</b>
	<b>Temp. Compensation</b>	<b>ATC, MTC</b>
<b>Data management</b>	<b>Data Storage</b>	<b>1000 Groups</b>
	<b>GLP Features</b>	<b>Yes</b>
<b>Inputs</b>	<b>pH Electrode</b>	<b>BNC(Q9)</b>
	<b>Temp. Probe</b>	<b>4-pin aviation connector</b>
<b>Outputs</b>	<b>USB</b>	<b>USB 2.0 flash memory device, PC, scanner</b>
<b>Display options</b>	<b>Backlight</b>	<b>Yes</b>
	<b>Auto Shutdown</b>	<b>300, 600, 1200, 1800, 3600 sec., off</b>
	<b>IP Rating</b>	<b>IP65</b>
	<b>Date and Time</b>	<b>Yes</b>
<b>General</b>	<b>Power</b>	<b>Rechargeable Lithium battery, AC Adapter, 100-240Y AC input, DC5V output</b>
	<b>Dimensions</b>	<b>90x255x40 mm</b>
	<b>Weight</b>	<b>500g (1.1 lb)</b>
	<b>Dimensions (Carton)</b>	<b>410x330x165 mm</b>
	<b>Weight (Gross)</b>	<b>5.5 kg</b>