

## PH310F pH Meter

### Features

- ◆ LCD display screen, 3.5 inches.
- ◆ 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 capacity of up to 500 sets for each parameter (GLP-compliant).
- ◆ 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.
- ◆ 1-5 points calibration with Standard Recognition.
- ◆ Selectable pH buffer groups, including NIST, DIN, GB, USA.
- ◆ 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
- ★ Carrying Case

### Specifications

<b>Model</b>	<b>PH310F</b>	
<b>Parameters</b>	<b>pH/Temp.(mV)</b>	
<b>pH</b>	<b>Range</b>	<b>-2.00 to 20.00pH</b>
	<b>Resolution</b>	<b>0.1, 0.01 pH</b>
	<b>Accuracy</b>	<b>±0.01 pH</b>
	<b>Calibration Points</b>	<b>Up to 5</b>
	<b>Standard Customization</b>	<b>Yes</b>
	<b>Standard Recognition</b>	<b>NIST, GB, USA and DIN buffers</b>
	<b>Slope Limit</b>	<b>Yes</b>
<b>mV</b>	<b>Range</b>	<b>-2000.0 to 2000.0 mV</b>
	<b>Resolution</b>	<b>0.1</b>
	<b>Accuracy</b>	<b>±0.3 mV or ±0.1%</b>
<b>Temperature</b>	<b>Range</b>	<b>-5 to 110 °C, 23 to 230 °F</b>
	<b>Unit</b>	<b>°C, °F</b>
	<b>Resolution</b>	<b>0.1</b>
	<b>Accuracy</b>	<b>±0.2°C</b>
<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>500 results each</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>PC, printer</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, 100-240V AC input, DC5V output</b>
	<b>Dimensions</b>	<b>80x225x35 mm</b>
	<b>Weight</b>	<b>400g (0.88 lb)</b>
	<b>Dimensions (Carton)</b>	<b>410x330x165 mm</b>
	<b>Weight (Gross)</b>	<b>5.5 kg</b>