

# P813 pH/Conductivity Meter

· pH · mV · Cond · Res · TDS · Sal · Temp ·

## Features:

- 7-inch colored capacitive touch screen with high resolution (1024\*600) and high sensitivity.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China.
- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
- It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phone are optional.
- Smart electrode status display to ensure accurate use.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

## Specifications:

pH	Measuring range	(-1.999 ~ 19.999)pH	
	Resolution	0.1/0.01/0.001 pH	
	Accuracy	Electrode: $\pm 0.002$ pH, Meter: $\pm 0.01$ pH	
	Auto calibration	1, 2, 3 point	
	Buffer	Europe & USA, NIST, China standards	
	Input current	$\leq 1 \times 10^{-12}$ A	
	Input impedance	$\geq 3 \times 10^{12}$ $\Omega$	
	Stability	$\pm 0.002$ pH/3h	
Temp. compensation	(0 ~ 100) $^{\circ}$ C, auto or manual		
mV	Measuring range	-1999.9mV ~ 0 ~ 1999.9mV	
	Resolution	0.1 mV	
	Accuracy	$\pm 0.03\%$ FS	
Cond.	Measuring range	Conductivity: (0.00~20.00) $\mu$ S/cm, (20.0~200.0) $\mu$ S/cm (200~2000) $\mu$ S/cm, (2.00~20.00)mS/cm (20.0~200.0)mS/cm, (200~2000)mS/cm (K=10) TDS: (0 ~ 100)g/L Salinity: (0 ~ 100)ppt Resistivity: (0 ~ 100)M $\Omega$ -cm	
		Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1/1mS/cm
		Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS
		Temp. compensation range	(0 ~ 100) $^{\circ}$ C, auto
		Electrode constant	0.1/0.5/1/5/10/50/100 cm <sup>-1</sup>
		Reference Temp.	25 $^{\circ}$ C, 20 $^{\circ}$ C, 18 $^{\circ}$ C
		Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C	
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm 0.4$ $^{\circ}$ C Others: $\pm 0.8$ $^{\circ}$ C	
	Other	Display	7-inch colored capacitive touch screen
Data storage		1000 sets	
Power		12V/1A	
Output		USB	
Ambient Temp.		15 ~ 30 $^{\circ}$ C	
Ambient Humidity		$\leq 85\%$	
IP grade		IP54	
Dimensions/N.W.		215x170x37mm/600g	
Shipping Size/G.W.		470x430x72mm/3kg	
Standard Accessories	pH electrode, Cond. electrode (K=1), Temperature probe, pH buffer solution, Power adapter, Manual		