

P817 pH/Conductivity/DO Meter

· pH · mV · Cond · Res · TDS · Sal · DO · 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.
- Polarographic DO electrode, short polarization time (3-5 minutes).
- It supports PC connection. Wireless bluetooth printing and real-time data transfer to mobile phone are optional.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measuring range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01/0.001 pH
	Accuracy	Electrode: ±0.002 pH, Meter: ±0.01 pH
	Auto calibration	1, 2, 3 point
	Buffer	Europe & USA, NIST, China standards
	Input current	≤1×10 ⁻¹² A
	Input impedance	≥3×10 ¹² Ω
	Stability	±0.002 pH/3h
	Temp. compensation	(0 ~ 100)°C, auto or manual
mV ORP	Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	0.1 mV
	Accuracy	±0.03% FS
Cond.	Measuring range	Conductivity:
		(0.00~20.00)μS/cm, (20.0~200.0)μS/cm
		(200~2000)μS/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)MΩ·cm	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1/1mS/cm
	Accuracy	Electrode: ±0.5% FS, Meter: ±0.8% FS
	Temp. compensation	(0 ~ 100)°C, auto
Electrode constant	0.1/0.5/1/5/10/50/100 cm ⁻¹	
Reference Temp.	25 °C, 20 °C, 18 °C	
DO	Measuring range	(0-20.00)mg/L(ppm), (0-200.0)%
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %
	Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L
	Response time	≤30s (25 °C, 90% response)
	Residual current	≤0.1 mg/L
	Temp compensation	(0 ~ 45)°C, auto
	Salinity compensation	(0 ~ 45) ppt, auto
	Pressure compensation	(80 ~ 105) kPa, auto
	Auto calibration	Air saturated by water, water saturated by air
	Electrode type	Polarographic
Temp.	Measuring range	(0 ~ 100)°C
	Resolution	0.1 °C
	Accuracy	5 ~ 60 °C: ±0.4 °C Others: ±0.8 °C
Other	Display	7-inch colored capacitive touch screen
	Data storage	1000 sets
	Power	12V/1A
	Output	USB
	Ambient Temp.	5 ~ 35 °C
	Ambient Humidity	≤85%
	IP grade	IP54
	Dimensions/N.W.	215×170×37mm/600g
Shipping Size/G.W.	470x430x72mm/3kg	
Standard Accessories	pH electrode, Cond. electrode (K=1), DO electrode, Temperature probe, pH buffer solution, DO filling solution, Power adapter, Manual	