

P816 Conductivity/DO Meter

· 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 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
- It has functions of ATC, auto salinity compensation and auto pressure compensation.
- 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.
- 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:

Cond.	Measuring range	Conductivity:
		(0.00~20.00) μ S/cm, (20.0~200.0) μ S/cm
		(200~2000) μ 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 Ω -cm	
	Resolution	0.01/0.1/1 μ S/cm; 0.01/0.1/1mS/cm
	Accuracy	Electrode: \pm 0.5% FS, Meter: \pm 0.8% FS
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm ⁻¹	
Reference Temp.	25 $^{\circ}$ C, 20 $^{\circ}$ C, 18 $^{\circ}$ 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: \pm 0.10 mg/L, Meter: \pm 0.40 mg/L
	Response time	\leq 30s (25 $^{\circ}$ C, 90% response)
	Residual current	\leq 0.1 mg/L
	Temp compensation	(0 ~ 45) $^{\circ}$ C, auto
	Salinity compensation	(0 ~ 45) ppt, auto
	Pressure compensation	(80 ~ 105) kPa, auto
	Auto calibration	Air saturated by water, water saturated by air
Temp.	Electrode type	Polarographic
	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
Other	Accuracy	5 ~ 60 $^{\circ}$ C: \pm 0.4 $^{\circ}$ C Others: \pm 0.8 $^{\circ}$ C
	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	Cond. electrode (K=1), DO electrode, Temperature probe, DO filling solution, Power adapter, Manual	