P812 Conductivity Meter

· 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.

● Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5µS/cm ~ 200mS/cm.

● Can switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.

● 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:

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 range	(0 ~ 50)℃, auto
	Electrode constant	0.1/0.5/1/5/10/50/100 cm^{-1}
	Reference Temp.	25℃, 20℃, 18℃
Temp.	Range	(-10 ~ 110)℃
	Resolution	0.1℃
	Accuracy	5 ~ 60℃: ±0.4℃ Others: ±0.8℃
Other	Display	7-inch colored capacitive touch screen
	Data storage	1000 sets
	Power	12V/1A
	Output	USB
	Ambient Temp.	15 ~ 30 ℃
	Ambient Humidity	≤85%
	IP grade	IP54
	Dimensions/N.W.	215×170×37mm/600g
	Shipping Size/G.W.	470x430x72mm/3kg
Standard Accessaries	Cond. electrode (K=1), Temperature probe, Power adapter, Manual	