

# PH/EC80 pH/EC/TDS/Salt/Temp Tester



EC80 can simultaneously measures pH, Conductivity, TDS Salinity and temperature without switching probe.

EC80 can switch between °C and °F, available to shut-down automatically.

EC80 includes replaceable pH/Conductivity electrode module.

EC80 has a long life-span battery (>100hrs).



#### Features:

### **Reliable and Repeatable Results**

. 1, 2, or 3 point calibration (pH)
. > 1012 Ω input impedance (pH)
. Zero adjust (ORP)
. 1 or 2 point calibration (cond)

# Improved Usability

. Replaceable electrode module. IP67 waterproof housing. Graphical LCD

## Advanced Functionality

Dual parameter pH and conductivity
Automatic temperature compensation (pH)
Dual range with selectable or auto-ranging options (cond)
50 Memory storage

## Available Configurations

Single and multi-parameter pH, ORP, conductivity
Graphical and segmented LCD display
With or without memory storage
°C or °F temperature readout



	Specific	ations	
Parameters	Range	Resolution	Accuracy
pH	0.00~14.00	0.01	±0.01pH
Conductivity	0uS/cm~20.00mS/cm	1uS/0.01mS	±1%FS
	( 0uS/cm~1999uS/cm; 2.00mS/cm ~20.00mS/cm )		
	0mg/L~20.00g/L	1mg/L/0.01g/L	±1%FS
TDS	( 0mg/L~1999 mg/L; 2.00g/L ~20.00g/L)		
Salinity	0.00~10.00ppt	0.01ppt	±1%FS
Temperature	-5.0~60.0°C	0.1°C	±0.5°C
	23~140°F	0.1 °F	±0.9°F
	Gene	eral	
pH calibration		1, 2 and 3 point calibration. Uses USA and NIST buffer s	
Conductivity calibration		1 point calibration	
Temperature compensation range		-5.0~60.0°C	
Reference temperature		15°C~25°C	
Temperature coefficient		0.00~4.00%. Default at 1.91%/ °C	
TDS coefficient		0.30~1.00. Default at 0.65	
TDS constant		0.65	
Temp sensor		Thermistor, 10k ohms, at 25 °C	
Temp unit		°C and °F	
Display		Graphic LCD	
Storage of calibration data		Yes	



Data memory storage	50 sets	
Auto shutoff	After 10 minutes of inactivity.	
Power	4 x LR-44 batteries	
Working environment	0~50°C, relative humidity<95%	
Dimensions	200 × 44 × 25mm	
Weight	About 110g (excluding batteries)	

Accessories

<b>80P</b>	Replaceable pH/Cond electrode module.	
pH Range	0 ~ 14 pH	
Temperature Range	0 ~1999 uS/cm	
Reference Type	-5 ~ 60 °C	5
Feature	Single junction	
Cable Length	5 in 1 electrode	
Connector	Special for pH/EC80	
Application	General measurement	

