

Measurement of pH/EC/Temperature can be performed in one set

# Handy Multimeter

## PS-01

- pH/Conductivity/  
Temperature Meter
- pH/ ORP Meter
- Conductivity Meter



- With Microprocessor: pH/EC/Temperature Meter
- EC Sensor, strong against dirt is adopted
- High accuracy pH:  $\pm 0.02$  pH:  $\pm 1\%$   
Temperature:  $1^{\circ}\text{C}$
- Automatic Calibration
- pH and EC Measurement are switched by one button operation
- With Hold function



# Handy Multi meter can be performed measurement of pH/EC/Temperature i n one set.



**PS01-pH**



**PS01-EC**



**PS01-pH/EC**

## ■ Measurement of pH and EC can be performed by one set. (PS01-pH/EC)

Handy Multimeter realized measurement of pH(0 ~14pH),EC(19.99mS/cm) and Temperature(0~50°C)by one set.

## ■ EC Sensor strong agai nst dirt

Although it was AC 2 Poles system,EC sensor which is easy to wash was strongly adopted to dirt. Measurement of high-concentration solution is also safe.

## ■ A Readabl e Large-Sized Display

Large-sized LCD display pH and EC value on the screen and displays temperature on the bottom.

## ■ pH El ectrode uses a compati bl e BNC Terminal

The BNC Terminal currently generally used overseas is used for Handy Multimeter,pH Electrode can be purchased also overseas. (Please purchase temperature compensation nothing or a temperature Pt 1k Ωsensor)

Product name	Handy pH/ORP Meter		Handy Conductivity Meter	Handy pH/Conductivity Meter	
Model no.	PS-01-PH	PS-01-ORP	PS-01-EC	PS-01-PH/EC	
Measurement method	Glass electrode method	Metal electrode method	AC 2 poles method	Glass electrode method	AC 2 poles method
Measurement range	PH0.00~14.00	±999mV	0.00~199.9μS/cm	PH0.00~14.00	0.00~199.9μS/cm
			0.00~1.999mS/cm		0.00~1.999mS/cm
			0.00~19.99mS/cm		0.00~19.99mS/cm
Measurement accuracy	0~60℃	—	0~50℃	0~60℃	0~50℃
	±0.02pH ±1digit	±5mV ±1digit	±2%	±0.02℃ ±1digit	± 2%
	±1℃ ±1digit	—	±1℃ ±1digit	±0.1℃ ±1digit	±1℃ ±1digit
Display	Measured value display:4 figures LCD (Temperature 3 figures)				
Auto	0~60℃	—	0~50℃	0~60℃	0~50℃
Manual	*1)	—	0.5~5%	*1)	0.5~5%
Temperature element	pt 1KΩ	—	pt 1KΩ	pt 1KΩ	pt 1KΩ
	*2)	—	—	*2)	—
Calibration	JIS: 2, 4, 7, 9pH	—	CELL constant	JIS: 2, 4, 7, 9pH	CELL constant
	USA:4, 7, 10pH	—		USA:4, 7, 10pH	—
Ambient, Temperature Humidity	-0~40℃ 85%RH>	—	-0~40℃ 85%RH>	-0~40℃ 85%RH>	
Battery	AAA(cell)Battery x 4pcs				
Function	When there is no operation of appratus 10min.or more,power supply serves as off automatically.				
Cable length	1m		1m	1m	
Weight	approx.360g		approx.380g	approx.480g	
Standard attachmens	PH electrode(PS-01-001	ORP electrode(PS-01-002)	EC electrode(PS-01-003)	PH electrode(PS-01-001)	EC electrode(PS-01-003)
	Material:Plastic,Glass	Material:Plastic,AU	Material:Plastic,Titanium	Material:Plastic,Glass	Material:Plastic,Titanium
	Standard SolutionPH4, 7	—	Standard Solution 1mS/cm	Standard SolutionPH4, 7	Standard Solution 1mS/cm
Option	—	Quinhydrone powder	—	—	—