

**PS-02 series <pH-conductivity-temperature>**  
**Portable pH/Electric  
conductivity meter**

pH, conductivity,  
temperature are  
measurable in  
one meter



- pH/Electric conductivity/Temperature/ORP/TDS are measurable
- High repeatability pH:  $\pm 0.02$  pH Conductivity:  $\pm 2\%$  Temperature:  $\pm 1^\circ\text{C}$
- Auto calibration, Hold function
- Switch pH and conductivity in one touch operation
- Record and store the measuring value
- Easy to carry around with the carry case



- Data transfer to the computer is easy with USB port

**CEMCO**

# pH/Electric conductivity/Temperature/ORP/TDS are measurable. USB port is equipped for sending data.

Model		PS-02-PH	PS-02-PH/EC
pH	Measuring method	Glass electrode	
	Measuring range	-2.00~16.00pH	
	Resolution	0.1/0.01pH	
	Meter repeatability	±0.02pH±1digit	
	Temp.compensation	0~100°C	
ORP	Measuring method	Metal electrode	
	Measuring range	±1999mV	
	Resolution	0.1mV when ±200mV,1mV when other	
	Accuracy	±2mV,±1digit	
Electric Conductivity	Measuring range	—	0~200mS/cm 0.00~19.99µS/cm 20.0~199.9µS/cm 200~1999µS/cm 2.00~19.99mS/cm 20.0~199.9mS/cm TDS : 0~100g/L, Salt : 0~100ppt
	Resolution	—	0.01/0.1/1µS, 0.01/0.1mS/cm
	Meter repeatability	—	±2.0%FS±1digit
	Temp.compensation	—	0~100°C
	Cell constant	—	0.1/1/10cm-1
Temperature	Measuring range	-10~110°C	
	Resolution	0.1°C	
	Accuracy	±0.5°C±1digit	
Data number can be saved	500 data		
Saved content	Data number,Date,Time,Measured value,Measuring unit,Temp.		
Connection	USB		
Power supply	AA Battery x3		
IP	Equivalent IP57		
Body size and weight	86 x 196 x 33mm, 335g		
Case size and weight	330 x 270 x 82mm, 1.3kg	370 x 270 x 77mm, 1.8kg	
	Main body,electrode,Case	Main body,electrode,Case	
Standard accessory	Driver,pH standard solution(4.00/7.00)	Driver,pH standard solution(4.00/7.00)	
	UCB cable,Manual,CD-ROM	Conductivity solution(1413µS,12.85mS)	
	—	UCB cable,Manual,CD-ROM	

●PS-02-PH set



●PS-02-PH/EC set



●pH sensor



●ORP sensor



●EC sensor



## Features

### ■pH and Electric conductivity are measurable in one meter (model PS-02-PH/EC)

pH(-2~16pH),Conductivity(0~200mS/cm), Temperature(-10~110°C),TDS are measurable in one meter. ORP is also measurable by changing the sensor.

### ■Hold / Auto power off function

Hold function: Lock the measure value for recording

Auto power off function: Auto power off when no operation for 10 minutes

### ■Large display

Large LCD would display pH,Electric conductivity,Temperature in one screen.

### ■3 points calibration

3 points calibration system is equipped so high accuracy measurement is possible (pH)

## CEM CORPORATION

※ Specifications and appearance may change without prior notice due to improvements.

※ The actual color of the products may be slightly different from that shown in the brochure due to issues of color during printing.

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