



### Accurate Measurement

- High quality 3-in-1 combination pH electrode and BPB (Brush-Resistant Platinum Black) conductivity electrode ensure accuracy in wide measuring ranges and quick response time.
- The advanced digital processing technology enhances measuring performance and stability.
- Stable reading and Auto-Lock display modes available

### Intelligent Functions

- Quick & Easy 3-point pH Auto Calibration and 4-point Conductivity Auto Calibration
- Smart Self-Diagnosis helps you conduct proper calibrations and determine the condition of your probes.
- Fully configurable parameter setting (buffer standards, electrode constant, base temperature, temperature compensation coefficient, Temperature unit, etc.)

### Reliable Structure

- IP57 Waterproof and Dustproof, ideal for use in harsh environments
- Clear white backlit LCD display
- Comes with a rugged carrying case with complete test kit



Measuring Parameters	PH400	EC400	PC400
pH/mV	Yes	N/A	Yes
Conductivity/TDS	N/A	Yes	Yes
Temperature	Yes	Yes	Yes

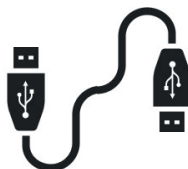
# 400S

## Everything in 400 & More

- GLP data management (500 to 1000 groups of data storage)
- 5-Point pH Auto Calibration with calibration reminder function
- USB Data output and power supply
- Timing measuring/data logging Mode
- Purified water and ammonia-added purified water measuring modes available



Measuring parameters	PH400S	EC400S	PC400S
pH/mV	Yes	N/A	Yes
Conductivity/TDS/Salinity/Resistivity	N/A	Yes	Yes
Temperature	Yes	Yes	Yes



### PC Connectivity



### USB Data Output & Power Supply



Name	3-in-1 Combination pH Electrode
Model	201T-S
Measuring Range	0 to 14 pH/ 0 to 80 °C
Junction	Ceramic
Reference Electrode	Ag/AgCl
Temperature Sensor	Thermister
Connector	8-pin Connector
Features	Built-in thermister, measuring pH and temperature simultaneously, ATC available.



Name	Conductivity Electrode
Model	2301-S
Measuring Range	0.5 $\mu$ S/cm to 200 mS/cm
Electrode Constant	1.0 $\pm$ 0.2 cm <sup>-1</sup>
Sensor	Brush-Resistant Platinum Black
Temperature Sensor	Thermister
Connector	8-pin Connector
Features	BPB Cond. Sensor ensures high accuracy in wide measuring ranges (0 to 200 mS/cm)

## 400 Series ■ Portable pH/Conductivity Meter



	PH400	PC400	EC400
<b>pH</b>	Measuring Range	0.00 to 14.00 pH	
	Resolution	0.01 pH	
	Accuracy	±0.01 pH ±1 digit	
	Temp. Compensation	0 to 100 °C (32 to 212 °F) Auto or Manual	
	Calibration	1-3 Points Auto Calibration	
<b>mV</b>	Measuring Range	±1000 mV	
	Resolution	1 mV	
	Accuracy	±0.2% F.S ±1 digit	
<b>Cond.</b>	Measuring Range	/	Conductivity 0 to 200 mS/cm, include: (0.00 to 19.99) µS/cm; (20.0 to 199.9) µS/cm; (200 to 1999) µS/cm; (2.00 to 19.99) mS/cm; (20.0 to 199.9) mS/cm; TDS: (0 to 100) g/L
	Resolution	/	0.01/0.1/1 µS/cm; 0.01/0.1 mS/cm
	Accuracy	/	±1.0% F.S ±1 digit
	Temperature Compensation	/	0 to 50 °C (32 to 122 °F) Auto or Manual
	Electrode constant	/	0.1 / 1 / 10 cm <sup>-1</sup>
	Calibration	/	1-4 Points Auto Calibration
<b>Temp.</b>	Measuring Range	0 to 100 °C (32 to 212 °F)	
	Resolution	0.1 °C	
	Accuracy	±0.5 °C ±1 digit	
<b>Others</b>	Power Supply	AA Batteries *4 1.5V*4	
	IP Rating	IP57 Waterproof and Dustproof	
	Dimensions and weight	Meter: (86×196×33) mm / 335g; With carrying case: (360×275×80) mm/1.6kg	

### Complete Test Kit



PC400



PC400S



	PH400S	PC400S	EC400S	
<b>pH</b>	Measuring Range	-2.00 to 19.99 pH		
	Resolution	0.1/0.01 pH		
	Accuracy	±0.01 pH ±1 digit		
	Temp. Compensation	0 to 100 °C (32 to 212 °F) Auto or Manual		
	Calibration	1-5 Points Auto Calibration		
<b>mV</b>	Measuring Range	±1999 mV		
	Resolution	1 mV		
	Accuracy	±0.1% F.S ±1 digit		
<b>Cond.</b>	Measuring Range	/	Conductivity 0 to 200 mS/cm, include: (0.00 to 19.99) µS/cm; (20.0 to 199.9) µS/cm; (200 to 1999) µS/cm; (2.00 to 19.99) mS/cm; (20.0 to 199.9) mS/cm; TDS: (0 to 100) g/L Salinity: (0 to 100) ppt; Resistivity: (0 to 100) MΩ·cm	
	Resolution	/	0.01/0.1/1 µS/cm 0.01/0.1 mS/cm	
	Accuracy	/	±1.0% F.S ±1 digit	
	Temp Compensation	/	0 to 50 °C (32 to 122 °F) Auto or Manual	
	Electrode constant	/	0.1 / 1 / 10 cm <sup>-1</sup>	
	Calibration Points	/	1-4 Points Auto Calibration	
<b>Temp.</b>	Measuring Range	0 to 100 °C (32 to 212 °F)		
	Resolution	0.1 °C		
	Accuracy	±0.5 °C ±1 digit		
<b>Others</b>	Data Storage	500 Groups	1000 Groups	500 Groups
	Storage Content	Numbering, Date, Time, Measurements, Unit, Temperature		
	Data Output	USB – PC-Link Software		
	Timing Data Logging	Yes		
	Pure Water Mode	Yes		
	Power Supply	AA Batteries *4 1.5V*4 / USB		
	IP Rating	IP57 Waterproof and Dustproof		
	Dimensions and weight	Meter: (86×196×33) mm / 335g; With carrying case: (360×275×80) mm/1.6kg	Meter: (86×196×33) mm / 335g; With carrying case: (480×360×95) mm/4.2kg	Meter: (86×196×33) mm / 335g; With carrying case: (360×275×80) mm/1.6kg