



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 |

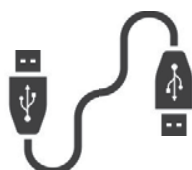
400S

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 $\mu\text{S}/\text{cm}$ to 200 mS/cm |
| Electrode Constant | 1.0 \pm 0.2 cm^{-1} |
| 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 |
|---------------|--------------------------|---|--|
| pH | 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 | |
| mV | Measuring Range | ±1000 mV | |
| | Resolution | 1 mV | |
| | Accuracy | ±0.2% F.S ±1 digit | |
| Cond. | 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 ⁻¹ |
| | Calibration | / | 1-4 Points Auto Calibration |
| Temp. | Measuring Range | 0 to 100°C (32 to 212 °F) | |
| | Resolution | 0.1 °C | |
| | Accuracy | ±0.5 °C ±1 digit | |
| Others | 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 | |
|--------|-----------------------|--|---|--|
| pH | 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 | | |
| mV | Measuring Range | ±1999 mV | | |
| | Resolution | 1 mV | | |
| | Accuracy | ±0.1% F.S ±1 digit | | |
| Cond. | 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 ⁻¹ | |
| | Calibration Points | / | 1-4 Points Auto Calibration | |
| Temp. | Measuring Range | 0 to 100 °C (32 to 212 °F) | | |
| | Resolution | 0.1 °C | | |
| | Accuracy | ±0.5 °C ±1 digit | | |
| Others | 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 |