



800 Benchtop pH / Conductivity Meter

Accurate Measurements:

- High quality 3-in-1 pH & platinum black Conductivity electrodes provide high accuracy in wide measuring ranges.
- Advanced digital processing technology improves meter's response time and accuracy.
- Easy and Quick Auto Calibration with auto buffer recognitions (up to 15 types of auto buffer recognition)

Intelligent Functions

- GLP Data Management, 500 groups of data storage, Digital Clock Display, USB data output
- Slope Data Display during calibrations, showing the health condition of your probes
- Smart Self-Diagnosis to help you conduct correct calibrations

Reliable Performance

- Quick Auto Temperature Compensation
- Stable / Auto-Lock reading display to improve consistency
- Calibration Reminders and Calibration History Check to assure you are receiving the most accurate measurements.
- IP54 Splashproof and Dustproof



PC Connectivity





820 Precision Benchtop pH / Conductivity Meter

Highest Accuracy
(±0.002 pH & ±0.5% F.S in conductivity)

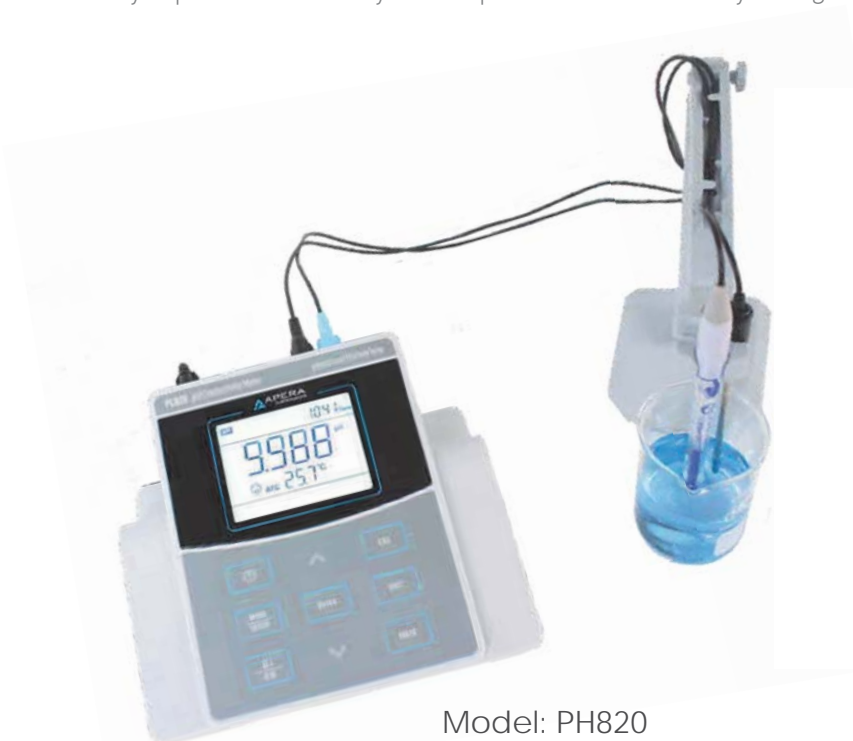
Measuring pH

- Equipped with LabSen 211 Long-Life Premium Glass pH Electrode
- 1-3 points or 1-5 points of auto calibration with guidance and auto-check.
- Automatically recognizes up to 15 kinds of pH standard buffer solutions (3 optional series: U.S., NIST, and China; also featuring a User-Defined Setting).
- Pure water and ammonia-added pure water test modes available; especially suitable for electric power and petrochemical industries.
- “E_H” oxidation-reduction potential (ORP) measuring mode available

Measuring Conductivity

- Equipped with 2401T-M High-Accuracy Glass Conductivity Electrode
- 1-4 points of auto calibration with guidance and auto-check.
- Easy switch among conductivity/TDS/Salinity/Resistivity.
- Automatically recognizes up to 8 kinds of conductivity standard solutions (2 optional series: U.S. and NIST; also featuring a User-Defined Setting).
- Auto-range switch. Auto non-linear Temp. Compensation for pure water and ultra-pure that is less than 10 µS/cm, which significantly improves the accuracy of ultra-pure water’s conductivity testing.

LabSen 211 Long-Life Glass pH Electrode



Model: PH820



| | |
|-----------------|--|
| Measuring Range | 0 to 14 pH |
| Temp. Range | -5 to 100°C (23 to 212°F) |
| Material | Lead-Free Glass |
| Temp. Probe | No |
| Junction | Ceramic |
| Reference | Long Life |
| Electrolyte | Gel 3M KCl |
| Membrane | Impact-Resistant Half Ball |
| Connector | BNC |
| Applications | This sturdy glass pH electrode with long-life reference system is ideal for general pH measurements in scientific research and quality control |

800 Series Benchtop Meter

| | PH800 | PC800 | EC800 |
|------------|-----------------------|---|--|
| pH | Electrode | 201T-F 3-in-1 Plastic Combination pH Electrode | |
| | Measuring Range | (-2.00 to 19.99) pH | |
| | Resolution | 0.1/0.01 pH | |
| | Accuracy | ±0.01 pH ±1 digit | |
| | Calibration | 1-5 points Auto Calibration | |
| | Input current | ≤1x10 ⁻¹² A | |
| | Input impedance | ≥1x10 ¹² Ω | |
| | Stability | ±0.01 pH ±1 digit/3 hrs | |
| | Temp. Compensation | 0 to 100 °C (32 to 212 °F) Auto or Manual | |
| | mV | Measuring range | ±1999 mV |
| Resolution | | 1 mV | |
| Accuracy | | ±0.1% F.S ±1 digit | |
| Cond | Electrode | / | 2301T-M Plastic Conductivity Electrode |
| | Measuring Range | / | Conductivity: 0 to 2000 mS/cm, include: (0.00-19.99) μS/cm (20.0-199.9) μS/cm (200-1999) μS/cm (2.00-19.99) mS/cm (20.0-199.9) 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 |
| | Calibration | / | 1-4 points Auto Calibration |
| | Temp. Compensation | / | 0 to 50 °C (32 to 122 °F) Auto or Manual |
| | Electrode constant | / | 0.01/0.1/1/10 cm ⁻¹ |
| Temp | Electrode | MP500 Temperature Electrode | |
| | 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 | |
| | Storage Content | Numberings, Date, Time, Measurements, Unit, and Temperature | |
| | Data Output | USB – PC-Link Software | |
| | Timing Data Logging | Yes | |
| | Pure Water Mode | Yes | |
| | Power Supply | DC9V/300mA | |
| | IP Rating | IP54 Splashproof and Dustproof | |
| | Dimensions and Weight | (240*235*103) mm/1kg | |

820 Series Precision Benchtop Meter

| | PH820 | PC820 | EC820 |
|------------|-----------------------|---|--|
| pH | Electrode | LabSen 211 Long-Life Glass pH Combination Electrode | |
| | Measuring Range | (-2.000 to 19.999) pH | |
| | Resolution | 0.1/0.01/0.001 pH | |
| | Accuracy | ±0.002 pH ±1 digit | |
| | Calibration | 1-5 points Auto Calibration | |
| | Input current | ≤1x10 ⁻¹² A | |
| | Input impedance | ≥3x10 ¹² Ω | |
| | Stability | ±0.002 pH ±1 digit/3 hrs | |
| | Temp. Compensation | 0 to 100°C (32 to 212°F) Auto or Manual | |
| | mV | Measuring range | ±1999.9 mV |
| Resolution | | 0.1 mV | |
| Accuracy | | ±0.03% F.S ±1 digit | |
| Cond | Electrode | / | 2401T-M Glass Conductivity Electrode |
| | Measuring Range | / | Conductivity: 0 to 2000 mS/cm, include: (0.00-19.99) μS/cm (20.0-199.9) μS/cm (200-1999) μS/cm (2.00-19.99) mS/cm (20.0-199.9) mS/cm (200-1999) 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; 0.01/0.1/1 mS/cm |
| | Accuracy | / | ±0.5% F.S ±1 digit |
| | Calibration | / | 1-4 points Auto Calibration |
| | Temp. Compensation | / | 0 to 50°C (32 to 122°F) Auto or Manual |
| | Electrode constant | / | 0.01/0.1/1/10 cm ⁻¹ |
| Temp | Electrode | MP500 Temperature Electrode | |
| | Measuring Range | / | -10 to 110°C (14 to 230°F) |
| | Resolution | / | 0.1°C |
| | Accuracy | / | ±0.4°C ±1 digit |
| Others | Data Storage | 500 Groups | 1000 Groups |
| | Storage Content | Numberings, Date, Time, Measurements, Unit, and Temperature | |
| | Data Output | USB – PC-Link Software | |
| | Timing Data Logging | Yes | |
| | Pure Water Mode | Yes | |
| | Power Supply | DC9V/300mA | |
| | IP Rating | IP54 Splashproof and Dustproof | |
| | Dimensions and Weight | (240*235*103) mm/1kg | |