



Chongqing Drawell Instrument Co., Ltd & Shanghai Drawell Scientific Instrument Co.,Ltd via Drawell International Technology Limited is a professional manufacturer and exporter of laboratory equipment and scientific instruments, founded in 1999. Drawell has over 50 employees in total, including 5 departments: Sales Dept. Operation Dept. Supply Chain. Finance Dept. Design Dept. and Administration Dpet. For us, the top priority is to provide our customers with the best service.

Therefore, all our employees are highly qualified after rigorous product training and working principles learning.

Drawell is specialized in R&D research. Our products include laboratory and medical instruments, such as Spectrophotometer, Refractometer, Microscope, Centrifuge, Chromatograph, Incubator, Drying Oven, Polarimeter, Balance, Homogenizer, AAS, Autoclave, Deep Freezer, XRF, XRD, Ultrasonic Cleaner, Freeze Dryer, Elisa Reader, Lab Furniture, FTTR, Water Bath, and etc. They are widely used in Pharmaceutical and food QC, Educational research, Environmental science, Chemical industry and other areas.

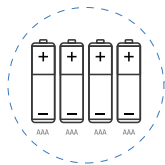


To keep sharp on the international market, we are committed to attending overseas

exhibitions, such as Aralab, PICCTON, Analytica Russia, Lab Africa, Analytica Munich, Analytica Latin America, Lab Thailand and etc. Now Drawell already has established business relationships with customers from more than 50 countries, and enjoyed a good reputation through reliable quality, competitive price and good service. Speaking of service, for all cooperated customers, we provide online installation guide, training and operation instructions to our customers. We're also capable of sending our professional engineers to customers' offices or factories to give local support, as our aim is to build and maintain long-term partnerships.

Drawell always warmly welcome your visit!

Poket Testers

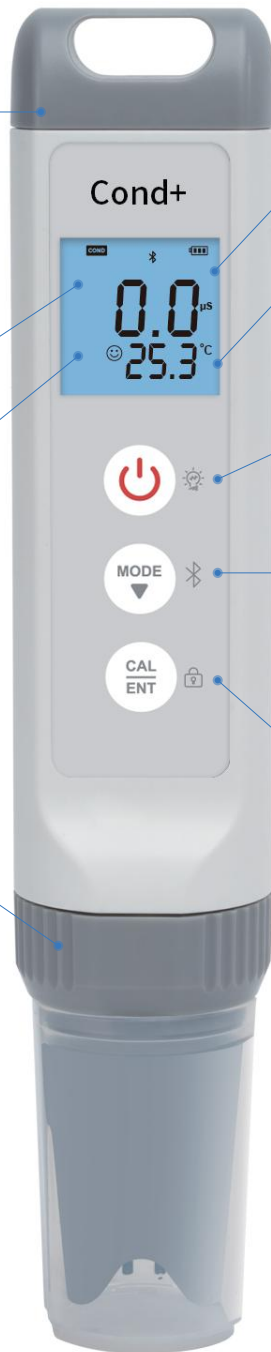


Standard battery: 4 × 1.5V AAA

Data locking function

Intelligent design, with self-diagnostic functions

Locking ring
Designed with replaceable probes,
Combines pH/Cond/TDS/RES/Sal.
altogether



Cond+

Backlight display color:
White color: measurement mode
Green color: calibration mode
Red color: alarm mode activated

Sample ID classification and
measurement information share

Power key

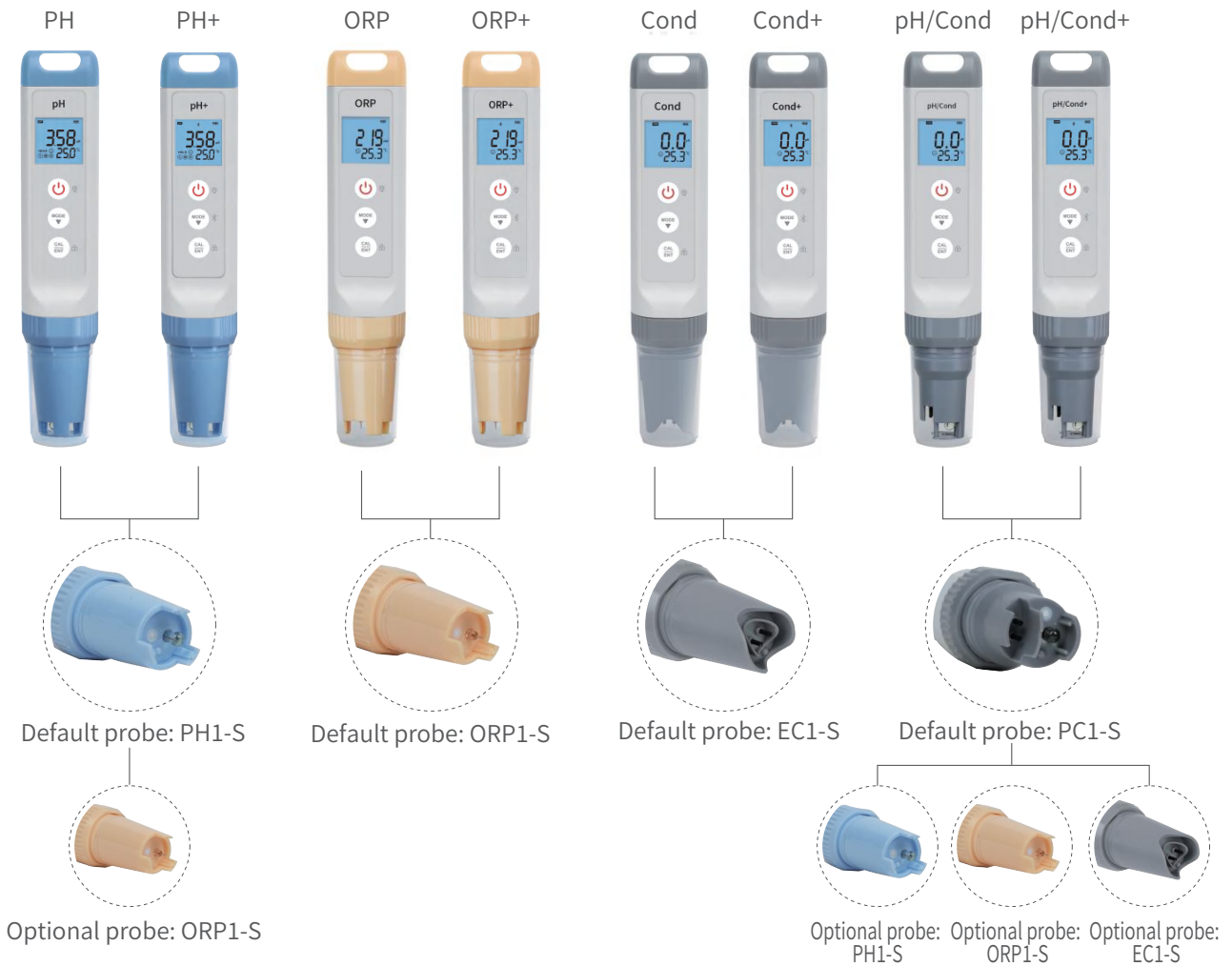
- When turned off, short press to turn on the tester; long press to enter parameter setting.
- When turned on, long press to turn off the tester, short press to turn on/off backlight or exit set-up mode.

MODE key

- Long press to turn on/off blue tooth connection
- short press to switch parameter

CAL/ENT key

- Long press to enter calibration mode.
- Short press to manually lock/unlock reading.



Features

- Replaceable combined probe design, meeting different applications
- Multi-color backlight display, easy to read data in different modes
- Data reading indicator and automatic data locking when the reading is stable
- Low voltage indication ensures timely battery replacement
- Buffers solutions: CH, USA, NIST standards are selectable
- Auto shut off time, customized backlight display time
- Supplied with standard solution, sample vials and lanyard for convenient field test
- Dua-control mode with mobile APP connection to achieve powerful data storage
- The mobile APP provides 4 types of measurement display for different situations, including Graph, table, dial, and general modes
- Protection class: IP67

Specifications

| Model | | PH | ORP | Cond | pH/Cond | |
|--------------|---|---|--------|-------|---------|---|
| Parameter | pH/mV.°C | ✓ | - | - | ✓ | |
| | mV(ORP).°C | ✓ | ✓ | - | ✓ | |
| | Cond/TDS/Sal./Res.°C | - | - | ✓ | ✓ | |
| pH | Measurement range | (-2.00-16.00) pH | ✓ | - | - | ✓ |
| | Resolution | 0.1/0.01 | ✓ | - | - | ✓ |
| | Accuracy | ±0.01pH±1digit | ✓ | - | - | ✓ |
| | Calibration points | 1-, 2-, or 3-point | ✓ | - | - | ✓ |
| | ATC range | 0~50°C (32-122°F) | ✓ | - | - | ✓ |
| ORP | Measurement range | (-1000.0+1000.0) mV | ✓ | ✓ | - | ✓ |
| | Resolution | 0.1/1 | ✓ | ✓ | - | ✓ |
| | Accuracy | ±0.1%F.S±1digit | ✓ | ✓ | - | ✓ |
| Conductivity | Measurement range | 0-19.99mS/cm, Auto-ranging: 0-19.99µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm TDS: 0.0mg/L-10.0g/L (TDS factor adjustable) Resistivity: 50Ω · cm-20MΩ · cm Salinity: 0-10ppt | - | ✓ | ✓ | ✓ |
| | Resolution | 0.01/0.1/1 | - | ✓ | ✓ | ✓ |
| | Accuracy | ±1.0%±1digit | - | ✓ | ✓ | ✓ |
| Temperature | Measurement range | (0.0-50.0) °C/(32.0-122.0)°F | ✓ | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ |
| Test Kit | Meter | ✓ | ✓ | ✓ | ✓ | |
| | Probe(pre-installed) | PH1-S | ORP1-S | EC1-S | PC1-S | |
| | pH buffer solution: pH4.00/7.00/10.01, 30mL, one for each | ✓ | - | - | - | |
| | 3.0 mol KCl pH/ORP soaking solution, 10mL, 1 bottle | ✓ | ✓ | - | ✓ | |
| | Sample Vials: 30mL | 3 | 1 | 2 | 4 | |
| | Standard ORP solution 222 mV, 30mL | - | ✓ | - | - | |
| | Standard Cond solution 1413µS/12.88mS/cm 30mL, one for each | - | - | ✓ | ✓ | |
| | pH buffer solution: pH4.00/7.00, 30mL, one for each | - | - | - | ✓ | |
| | 4×1.5V AAA alkaline batteries (pre-installed) | ✓ | ✓ | ✓ | ✓ | |
| | Lanyard | ✓ | ✓ | ✓ | ✓ | |
| | Hard carrying case (L/W/H: 28.0×23.0×8.2cm) | ✓ | ✓ | ✓ | ✓ | |
| | Operation manual | ✓ | ✓ | ✓ | ✓ | |

Specifications: Bluetooth Series

| Model | | PH+ | ORP+ | Cond+ | pH/Cond+ | |
|------------------|---|---|--------|-------|----------|---|
| Parameter | pH/mV.°C | ✓ | - | - | ✓ | |
| | mV(ORP).°C | ✓ | ✓ | - | ✓ | |
| | Cond/TDS/Sal./Res.°C | - | - | ✓ | ✓ | |
| pH | Measurement range | (-2.00-16.00) pH | ✓ | - | - | ✓ |
| | Resolution | 0.1/0.01 | ✓ | - | - | ✓ |
| | Accuracy | ±0.01pH±1digit | ✓ | - | - | ✓ |
| | Calibration points | 1-, 2-, or 3-point | ✓ | - | - | ✓ |
| | ATC range | 0-50°C (32-122°F) | ✓ | - | - | ✓ |
| ORP | Measurement range | (-1000.0 -+1000.0) mV | ✓ | ✓ | - | ✓ |
| | Resolution | 0.1/1 | ✓ | ✓ | - | ✓ |
| | Accuracy | ±0.1%F.S±1digit | ✓ | ✓ | - | ✓ |
| Conductivity | Measurement range | 0-19.99mS/cm, Auto-ranging: 0-19.99µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm TDS: 0.0mg/L-10.0g/L (TDS factor adjustable) Resistivity: 50Ω · cm-20MΩ · cm Salinity: 0-10ppt | - | ✓ | ✓ | ✓ |
| | Resolution | 0.01/0.1/1 | - | ✓ | ✓ | ✓ |
| | Accuracy | ±1.0%±1 digit | - | ✓ | ✓ | ✓ |
| Temperature | Measurement range | (0.0-50.0) °C/(32.0-122.0)°F | ✓ | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ |
| APP | Calibration reminder | ✓ | ✓ | ✓ | ✓ | |
| | Sample ID Classification | ✓ | ✓ | ✓ | ✓ | |
| | Timing datalogging | ✓ | ✓ | ✓ | ✓ | |
| | Operation guider | ✓ | ✓ | ✓ | ✓ | |
| | Various display modes | ✓ | ✓ | ✓ | ✓ | |
| Test Kit | Meter | ✓ | ✓ | ✓ | ✓ | |
| | Probe(pre-installed) | PH1-S | ORP1-S | EC1-S | PC1-S | |
| | pH buffer solution: pH4.00/7.00/10.01, 30mL, one for each | ✓ | - | - | - | |
| | 3.0 mol KCl pH/ORP soaking solution, 10mL, 1 bottle | ✓ | ✓ | - | ✓ | |
| | Sample Vials: 30mL | 3 | 1 | 2 | 4 | |
| | Standard ORP solution 222 mV, 30mL | - | ✓ | - | - | |
| | Standard Cond solution 1413µS/12.88mS/cm 30mL, one for each | - | - | ✓ | ✓ | |
| | pH buffer solution: pH4.00/7.00, 30mL, one for each | - | - | - | ✓ | |
| | 4×1.5V AAA alkaline batteries (pre-installed) | ✓ | ✓ | ✓ | ✓ | |
| | Lanyard | ✓ | ✓ | ✓ | ✓ | |
| | Hard carrying case (L/W/H: 28.0×23.0×8.2cm) | ✓ | ✓ | ✓ | ✓ | |
| Operation manual | ✓ | ✓ | ✓ | ✓ | | |

Portable meters



Features

- 3.5" TFT Color Display, easy to read
- The new UI interface, easy operation
- Intelligent function with Auto. timing datalogger, parameter setting, data holder
- Data storage up to 3000 groups
- Probe constant calibration, standard cond solution calibration
- Power supply: rechargeable lithium battery
- Charging socket: Type-C, in line with the European new regulations.
- Protection class: IP57



DOPro10

Optical DO

Accurate, fast and stable reading, no minimum flow rate request, not sensitive to hydrogen sulfide.

Features

- 3.5" TFT Color Display, easy to read
- A robust POM housing and stainless-steel protective guard ensure durability when measuring in tough environments
- No membranes, no electrolyte, no warm up, minimize hassle
- Fast response (shorter than 15s), fluorescence sensor technology provides high accuracy and repeatability
- Intelligent function with Auto. timing datalogger, parameter setting, data holder
- Built in temperature sensor
- Automatic barometric pressure compensation



Specifications-Single parameter

| Model | | PH10 | ORP10 | EC10 | DO10 Polarographic Type | DOPR010 Optical Type | |
|--|---|--|-------|------|----------------------------|-------------------------|---|
| Parameter | pH/mV.°C | ✓ | - | - | - | - | |
| | mV(ORP).°C | ✓ | ✓ | - | - | - | |
| | Cond/TDS/Sal./Res.°C | - | - | ✓ | - | - | |
| | DO | - | - | - | ✓ | ✓ | |
| pH | Measurement range | (-2.000-20.000) pH | ✓ | - | - | - | |
| | Resolution | 0.1/0.01/0.001 | ✓ | - | - | - | |
| | Accuracy | ±0.002pH±one digit | ✓ | - | - | - | |
| | Calibration points | 1, 2, -3pts automatic | ✓ | - | - | - | |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | - | - | - | |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | ✓ | - | - | |
| | Resolution | 0.1/1 | ✓ | ✓ | - | - | |
| | Accuracy | ±0.03%F.S±one digit | ✓ | ✓ | - | - | |
| Conductivity | Measurement range | 0-2000.0mS/cm, auto-ranging: 0-19.999µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm; 20.00-199.9mS/cm;200.0-2000mS/cm (K=10) Match test range: 0-200mS/cm TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity:5.000Ω · cm-100.0MΩ · cm Salinity: 0-100 ppt | - | - | ✓ | - | - |
| | Calibration points | one point | - | - | ✓ | - | |
| | Resolution | 0.001/0.01/0.1/1 | - | - | ✓ | - | |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | - | - | ✓ | - | |
| | Accuracy | ±0.5 % FS±one digit | - | - | ✓ | - | |
| DO | Measurement range | (0.00-20.00) mg/L | - | - | - | ✓ | |
| | Accuracy | ±0.30 mg/L | - | - | - | ✓ | |
| | | ±0.20 mg/L | - | - | - | ✓ | |
| | DO saturation | (0.0-200.0)% | - | - | - | ✓ | |
| | Barometric pressure compensation | (0-200.0) kPa | - | - | - | ✓ | |
| | Temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | - | - | ✓ | |
| Salinity compensation | 0~45ppt | - | - | - | ✓ | | |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | ✓ | ✓ | |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ | |
| Others | Charging socket | Type-C | ✓ | ✓ | ✓ | ✓ | |
| | Power supply | rechargeable lithium battery | ✓ | ✓ | ✓ | ✓ | |
| | IP Rating | IP57 | ✓ | ✓ | ✓ | ✓ | |
| Test kit | Meter | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Plastic ATC pH probe 201T-H | ✓ | - | - | - | - | |
| | Plastic ORP probe ORP301 | - | ✓ | - | - | - | |
| | Stainless-steel temperature probe TEMP-02H | - | ✓ | - | - | - | |
| | Plastic ATC Cond probe CON201T, K=1.0 | - | - | ✓ | - | - | |
| | Polarographic DO probe DO01-2M-H, cable length: 2m | - | - | - | ✓ | - | |
| | Optical DO probe ODO01-3M, cable length: 3m | - | - | - | - | ✓ | |
| | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | - | - | - | - | |
| | Standard ORP solution: 222mV, 50mL,1btl | - | ✓ | - | - | - | |
| | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | - | - | ✓ | - | - | |
| | Membrane refill solution DOS-01, 30mL,1btl | - | - | - | ✓ | - | |
| | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | - | - | ✓ | - | |
| | Rechargeable lithium battery (pre-installed) | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Charging cable: 1pc | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Hard carrying case (L/W/H: 33.0×27.2×8.2cm): 1pc | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Operation manual | ✓ | ✓ | ✓ | ✓ | ✓ | | |

Specifications-Multiparameter

| | | Model | PC10 | PD10 | CD10 | PO10 | PCD10 |
|--------------|--|--|------|------|------|------|-------|
| Parameter | | pH/mV.°C | ✓ | ✓ | - | ✓ | ✓ |
| | | mV(ORP).°C | ✓ | ✓ | - | ✓ | ✓ |
| | | Cond/TDS/Sal./Res.°C | ✓ | - | ✓ | - | ✓ |
| | | DO | - | ✓ | ✓ | - | ✓ |
| pH | Measurement range | (-2.000-20.000) pH | ✓ | ✓ | - | ✓ | ✓ |
| | Resolution | 0.1/0.01/0.001 | ✓ | ✓ | - | ✓ | ✓ |
| | Accuracy | ±0.002pH±one digit | ✓ | ✓ | - | ✓ | ✓ |
| | Calibration points | 1, 2, -3pts automatic | ✓ | ✓ | - | ✓ | ✓ |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | - | ✓ | ✓ |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | ✓ | - | ✓ | - |
| | Resolution | 0.1/1 | ✓ | ✓ | - | ✓ | - |
| | Accuracy | ±0.03%F.S±one digit | ✓ | ✓ | - | ✓ | - |
| Conductivity | Measurement range | 0-2000.0mS/cm, auto-ranging: 0-19.999µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm; 20.00~199.9mS/cm;200.0-2000mS/cm (K=10) Match test range: 0-200mS/cm TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity: 5.000Ω · cm~100.0MΩ · cm Salinity: 0-100ppt | ✓ | - | ✓ | - | ✓ |
| | Calibration points | one point | ✓ | - | ✓ | - | ✓ |
| | Resolution | 0.001/0.01/0.1/1 | ✓ | - | ✓ | - | ✓ |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | ✓ | - | ✓ | - | ✓ |
| | Accuracy | ±0.5 % FS±one digit | ✓ | - | ✓ | - | ✓ |
| DO | Measurement range | (0.00-20.00) mg/L | - | ✓ | ✓ | - | ✓ |
| | Accuracy | ±0.30 mg/L | - | ✓ | ✓ | - | ✓ |
| | DO saturation | (0.0-200.0)% | - | ✓ | ✓ | - | ✓ |
| | Automatic barometri pressure compensation | (0-200.0) kPa | - | ✓ | ✓ | - | ✓ |
| | Automatic temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | ✓ | ✓ | - | ✓ |
| | Manual salinity compensation | 0~45ppt | - | ✓ | ✓ | - | ✓ |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ | ✓ |
| Others | Charging socket | Type-C | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Power supply | rechargeable lithium battery | ✓ | ✓ | ✓ | ✓ | ✓ |
| | IP Rating | IP57 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Test kit | | Meter | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Plastic ATC pH probe 201T-H | ✓ | ✓ | - | ✓ | ✓ |
| | | Plastic ORP probe ORP301 | - | - | - | ✓ | - |
| | | Stainless-steel temperature probe TEMP-02H | - | - | - | ✓ | - |
| | | Plastic ATC Cond probe CON201T, K=1.0 | ✓ | - | ✓ | - | ✓ |
| | | Polarographic DO probe DO01-2M-H, cable length: 2m | - | ✓ | ✓ | - | ✓ |
| | | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | ✓ | - | ✓ | ✓ |
| | | Standard ORP solution: 222mV, 50mL,1btl | - | - | - | ✓ | - |
| | | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | ✓ | - | ✓ | - | ✓ |
| | | Membrane refill solution DOS-01, 30mL,1btl | - | ✓ | ✓ | - | ✓ |
| | | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | ✓ | ✓ | - | ✓ |
| | | Rechargeable lithium battery (pre-installed) | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Charging cable | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | Hard carrying case (L/W/H: 36.0×32.0×9.0cm) | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Operation manual | ✓ | ✓ | ✓ | ✓ | ✓ | |

| BENCHTOP-Classical series



Features

- High-res 7" display screen with white backlight, easy to read
- Automatic calibration, ATC measurement, parameter setup
- Automatic reading stable indication, calibration indication
- Data logger: 450 readings
- Data export: flash disk/ wireless printer (the printer is optional)
- Equipped with a flexible probe holder and pH buffer solutions for convenient use
- Protection class: IP54

Specifications-Single parameter

| Model | | PH100 | EC100 | DO100 |
|------------------|---|--|-------|-------|
| Parameter | pH/mV.°C | ✓ | - | - |
| | mV(ORP).°C | ✓ | - | - |
| | Cond/TDS/Sal./Res.°C | - | ✓ | - |
| | DO | - | - | ✓ |
| pH | Measurement range | (-2.00-20.00) pH | ✓ | - |
| | Resolution | 0.1/0.01 | ✓ | - |
| | Accuracy | ±0.01pH±one digit | ✓ | - |
| | Calibration points | 1, 2, -3pts automatic | ✓ | - |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | - |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | - |
| | Resolution | 0.1/1 | ✓ | - |
| | Accuracy | ±0.1%F.S±one digit | ✓ | - |
| Conductivity | Measurement range | 0-200.0mS/cm, auto-ranging: 0-19.99µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99S/cm; 20.00-199.9mS/cm; TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity: 5.00Ω · cm-100.0MΩ · cm Salinity: 0-100ppt | - | ✓ |
| | Calibration points | one point | - | ✓ |
| | Resolution | 0.01/0.1/1 | - | ✓ |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | - | ✓ |
| | Accuracy | ±1.0% FS±one digit | - | ✓ |
| DO | Measurement range | (0.00-20.00) mg/L | - | - |
| | Accuracy | ±0.30 mg/L | - | - |
| | DO saturation | (0.0-200.0)% | - | - |
| | Automatic barometri pressure compensation | (0-200.0) kPa | - | - |
| | Automatic temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | - |
| | Manual salinity compensation | 0-45ppt | - | - |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ |
| Others | Data export | Flash disk/Printer | ✓ | ✓ |
| | Power supply | DC12V | ✓ | ✓ |
| Test kit | Meter | ✓ | ✓ | ✓ |
| | Plastic ATC pH probe 201T | ✓ | - | - |
| | Plastic ATC Cond probe CON201T, K=1.0 | - | ✓ | - |
| | Polarographic DO probe DO01-2M, cable length: 2m | - | - | ✓ |
| | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | - | - |
| | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | - | ✓ | - |
| | Membrane refill solution DOS-01, 30mL,1btl | - | - | ✓ |
| | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | - | ✓ |
| | Power adaptor: 1pc | ✓ | ✓ | ✓ |
| | Flexible probe holder F01: 1pc | ✓ | ✓ | ✓ |
| Operation manual | ✓ | ✓ | ✓ | |

Specifications-Multiparameter

| Model | | PC100 | PD100 | CD100 | PCD100 | |
|------------------|---|--|-------|-------|--------|---|
| Parameter | pH/mV.°C | ✓ | ✓ | - | ✓ | |
| | mV(ORP).°C | ✓ | ✓ | - | ✓ | |
| | Cond/TDS/Sal./Res.°C | ✓ | - | ✓ | ✓ | |
| | DO | - | ✓ | ✓ | ✓ | |
| pH | Measurement range | (-2.00-20.00) pH | ✓ | ✓ | - | ✓ |
| | Resolution | 0.1/0.01 | ✓ | ✓ | - | ✓ |
| | Accuracy | ±0.01pH±one digit | ✓ | ✓ | - | ✓ |
| | Calibration points | 1, 2, -3pts automatic | ✓ | ✓ | - | ✓ |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | - | ✓ |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | ✓ | - | - |
| | Resolution | 0.1/1 | ✓ | ✓ | - | - |
| | Accuracy | ±0.1%F.S±one digit | ✓ | ✓ | - | - |
| Conductivity | Measurement range | 0-200.0mS/cm, auto-ranging: 0-19.99µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99S/cm; 20.00-199.9mS/cm; TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity: 5.00Ω · cm-100.0MΩ · cm Salinity: 0-100ppt | ✓ | - | ✓ | ✓ |
| | Calibration points | one point | ✓ | - | ✓ | ✓ |
| | Resolution | 0.01/0.1/1 | ✓ | - | ✓ | ✓ |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | ✓ | - | ✓ | ✓ |
| | Accuracy | ±1.0% FS±one digit | ✓ | - | ✓ | ✓ |
| DO | Measurement range | (0.00-20.00) mg/L | - | ✓ | ✓ | ✓ |
| | Accuracy | ±0.30 mg/L | - | ✓ | ✓ | ✓ |
| | DO saturation | (0.0-200.0)% | - | ✓ | ✓ | ✓ |
| | Automatic barometri pressure compensation | (0-200.0) kPa | - | ✓ | ✓ | ✓ |
| | Automatic temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | ✓ | ✓ | ✓ |
| | Manual salinity compensation | 0-45ppt | - | ✓ | ✓ | ✓ |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ |
| Others | Data export | Flash disk/Printer | ✓ | ✓ | ✓ | ✓ |
| | Power supply | DC12V | ✓ | ✓ | ✓ | ✓ |
| Test kit | Meter | ✓ | ✓ | ✓ | ✓ | |
| | Plastic ATC pH probe 201T | ✓ | ✓ | - | ✓ | |
| | Plastic ATC Cond probe CON201T, K=1.0 | ✓ | - | ✓ | ✓ | |
| | Polarographic DO probe DO01-2M, cable length: 2m | - | ✓ | ✓ | ✓ | |
| | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | ✓ | - | ✓ | |
| | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | ✓ | - | ✓ | ✓ | |
| | Membrane refill solution DOS-01, 30mL,1btl | - | ✓ | ✓ | ✓ | |
| | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | ✓ | ✓ | ✓ | |
| | Power adaptor: 1pc | ✓ | ✓ | ✓ | ✓ | |
| | Flexible probe holder F01: 1pc | ✓ | ✓ | ✓ | ✓ | |
| Operation manual | ✓ | ✓ | ✓ | ✓ | | |

| BENCHTOP - Touch screen



Features

- Multi-channel, display pH/Cond/DO simultaneously (PCD100T)
- High-res 7" touch screen, easy for operation
- User-friendly operating navigation by graphics and texts
- Intelligent functions such as automatic calibration, automatic temperature compensation, timing data logger, parameter setup, etc.
- 1 to 5-point calibration for pH mode
- Data logger: 500 readings/parameter
- Data export: Flash disk/PC/Printer (optional)
- Equipped with a flexible probe holder, magnetic stirrer and standard calibration solution
- Protection class: IP54

Specifications- Single parameter

| Model | | PH100T | EC100T | DO100T | |
|--------------|---|--|--------|--------|---|
| Parameter | pH/mV.°C | ✓ | - | - | |
| | mV(ORP).°C | ✓ | - | - | |
| | Cond/TDS/Sal./Res.°C | - | ✓ | - | |
| | DO | - | - | ✓ | |
| pH | Measurement range | (-2.000-20.000) pH | ✓ | - | |
| | Resolution | 0.01/0.001 | ✓ | - | |
| | Accuracy | ±0.002pH±one digit | ✓ | - | |
| | Calibration points | 1, 2, -5 pts automatic | ✓ | - | |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | - | |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | - | |
| | Resolution | 0.1/1 | ✓ | - | |
| | Accuracy | ±0.03%F.S±one digit | ✓ | - | |
| Conductivity | Measurement range | 0-2000.0mS/cm, auto-ranging: 0-19.999µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm; 20.00-199.9mS/cm; 200.0-2000mS/cm (K=10) Match test range: 0-200mS/cm TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity: 5.000Ω · cm-100.0MΩ · cm Salinity: 0-100ppt | - | ✓ | - |
| | Calibration points | one point | - | ✓ | - |
| | Resolution | 0.001/0.01/0.1/1 | - | ✓ | - |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | - | ✓ | - |
| | Accuracy | ±0.5 % FS±one digit | - | ✓ | - |
| DO | Measurement range | (0.00~20.00) mg/L | - | - | ✓ |
| | Accuracy | ±0.30 mg/L | - | - | ✓ |
| | DO saturation | (0.0-200.0)% | - | - | ✓ |
| | Automatic barometri pressure compensation | (0-200.0) kPa | - | - | ✓ |
| | Automatic temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | - | ✓ |
| | Manual salinity compensation | 0~45ppt | - | - | ✓ |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ |
| Others | Data export | Flash disk/PC/Printer | ✓ | ✓ | ✓ |
| | Power supply | DC12V | ✓ | ✓ | ✓ |
| Test kit | Meter | ✓ | ✓ | ✓ | |
| | Glass refillable combination pH probe 201G | ✓ | - | - | |
| | Stainless-steel temperature probe TEMP-01 | ✓ | - | - | |
| | Glass ATC conductivity probe CON201TG, K=1.0 | - | ✓ | - | |
| | Polarographic DO probe DO01-2M | - | - | ✓ | |
| | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | - | - | |
| | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | - | ✓ | - | |
| | Membrane refill solution DOS-01, 30mL,1btl | - | - | ✓ | |
| | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | - | ✓ | |
| | PC cable: 1pc | ✓ | ✓ | ✓ | |
| | Flexible probe holder F01: 1pc | ✓ | ✓ | ✓ | |
| | Magnetic stirrer: 1pc | ✓ | ✓ | ✓ | |
| | Power adaptor | ✓ | ✓ | ✓ | |
| | Operation manual | ✓ | ✓ | ✓ | |

Specifications-Multiparameter

| Model | | PC100T | PD100T | CD100T | PCD100T | |
|------------------|---|--|--------|--------|---------|---|
| Parameter | pH/mV.°C | ✓ | ✓ | - | ✓ | |
| | mV(ORP).°C | ✓ | ✓ | - | ✓ | |
| | Cond/TDS/Sal./Res.°C | ✓ | - | ✓ | ✓ | |
| | DO | - | ✓ | ✓ | ✓ | |
| pH | Measurement range | (-2.000-20.000) pH | ✓ | ✓ | - | ✓ |
| | Resolution | 0.01/0.001 | ✓ | ✓ | - | ✓ |
| | Accuracy | ±0.002pH±one digit | ✓ | ✓ | - | ✓ |
| | Calibration points | 1, 2, -5 pts automatic | ✓ | ✓ | - | ✓ |
| | ATC range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | - | ✓ |
| ORP | Measurement range | (-1999.9 - +1999.9) mV | ✓ | ✓ | - | - |
| | Resolution | 0.1/1 | ✓ | ✓ | - | - |
| | Accuracy | ±0.03%F.S±one digit | ✓ | ✓ | - | - |
| Conductivity | Measurement range | 0-2000.0mS/cm, auto-ranging: 0-19.999µS/cm; 20.0-199.9µS/cm; 200-1999µS/cm; 2.00-19.99mS/cm; 20.00-199.9mS/cm; 200.0-2000mS/cm (K=10) Match test range: 0-200mS/cm TDS: 0 - 100.0g/L (TDS factor adjustable) Resistivity: 5.000Ω · cm-100.0MΩ · cm Salinity: 0-100ppt | ✓ | - | ✓ | ✓ |
| | Calibration points | one point | ✓ | - | ✓ | ✓ |
| | Resolution | 0.001/0.01/0.1/1 | ✓ | - | ✓ | ✓ |
| | ATC range | (0.0-50.0) °C/(32.0-122.0)°F | ✓ | - | ✓ | ✓ |
| | Accuracy | ±0.5 % FS±one digit | ✓ | - | ✓ | ✓ |
| DO | Measurement range | (0.00-20.00) mg/L | - | ✓ | ✓ | ✓ |
| | Accuracy | ±0.30 mg/L | - | ✓ | ✓ | ✓ |
| | DO saturation | (0.0-200.0)% | - | ✓ | ✓ | ✓ |
| | Automatic barometri pressure compensation | (0-200.0) kPa | - | ✓ | ✓ | ✓ |
| | Automatic temperature compensation | (0.0-50.0) °C/(32.0-122.0)°F | - | ✓ | ✓ | ✓ |
| | Manual salinity compensation | 0-45ppt | - | ✓ | ✓ | ✓ |
| Temperature | Measurement range | (0.0-100.0) °C/(32.0-212.0)°F | ✓ | ✓ | ✓ | ✓ |
| | Accuracy | ±0.2°C | ✓ | ✓ | ✓ | ✓ |
| Others | Data export | Flash disk/PC/Printer | ✓ | ✓ | ✓ | ✓ |
| | Power supply | DC12V | ✓ | ✓ | ✓ | ✓ |
| Test kit | Meter | ✓ | ✓ | ✓ | ✓ | |
| | Glass refillable combination pH probe 201G | ✓ | ✓ | - | ✓ | |
| | Stainless-steel temperature probe TEMP-01 | ✓ | ✓ | - | ✓ | |
| | Glass ATC conductivity probe CON201TG, K=1.0 | ✓ | - | ✓ | ✓ | |
| | Polarographic DO probe DO01-2M | - | ✓ | ✓ | ✓ | |
| | pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each | ✓ | ✓ | - | ✓ | |
| | Standard Cond solution 84µS/1413µS/12.88mS/cm, 50mL, one for each | ✓ | - | ✓ | ✓ | |
| | Membrane refill solution DOS-01, 30mL,1btl | - | ✓ | ✓ | ✓ | |
| | Membrane sensor caps DOSC: 3pcs/group, 1pkg | - | ✓ | ✓ | ✓ | |
| | PC cable: 1pc | ✓ | ✓ | ✓ | ✓ | |
| | Flexible probe holder F01: 1pc | ✓ | ✓ | ✓ | ✓ | |
| | Magnetic stirrer: 1pc | ✓ | ✓ | ✓ | ✓ | |
| | Power adaptor | ✓ | ✓ | ✓ | ✓ | |
| Operation manual | ✓ | ✓ | ✓ | ✓ | | |