

### P3 Series pH Meter



**Features:**

1. Mini design with size 148×29×14mm.
2. Intelligent Functions: automatic calibration, automatic power-off, low voltage alarm, etc.
3. Reliable structure design: meets IP57, Replaceable electrodes.

**Specifications:**

Model	P301	P311
Measuring Range	-1.00~15.00pH	
Resolution	0.01pH	
Accuracy	±0.2pH	±0.05pH
Temp. Compensation	0 ~ 60℃	
Calibration	1-3 Point (pH4.00/7.00/9.18)	
Power	Lithium batteries (CR2032) x 2	
Humidity	85%	
IP grade	IP57	
Shipping size/G.W.	168×96×28mm/180g	
Meter Kits	1) pH meter	
	2) Standard buffer solution	
	3) Replaceable batteries	

### P3 Series Conductivity Meter



**Features:**

1. Mini design with size 148×29×14mm.
2. Intelligent Functions: automatic calibration, automatic power-off, low voltage alarm, etc.
3. Reliable structure design: meets IP57, Replaceable electrodes.

**Specifications:**

Model	P312
Measuring Range	Conductivity (0 ~ 10)mS/cm:
	(0~99.9)μS/cm
	(100~999)μS/cm
	(1.00~10.00)mS/cm
Resolution	0.1/1μS/cm; 0.01mS/cm
Accuracy	±3%FS
Temp. Compensation	0 ~ 60°C
Calibration	1 Point (1413μS/cm)
Power	Lithium batteries (CR2032) x 2
Humidity	85%
IP grade	IP57
Shipping size/G.W.	168×96×28mm/180g
Meter Kits	1) Conductivity meter
	2) Replaceable batteries

**PHS-3C Benchtop pH Meter****Features:**

- 1.1/2LED display.
- 2.It has the function of manual temperature compensation, 1 or 2 point calibration.
- 3.It is equipped with pH combined electrode and buffer.

**Specifications:**

- 1.Measuring range  
pH: (0.00~14.00)pH  
mV: (-1999 ~1999)mV
- 2.Resolution  
pH: 0.01pH  
mV: 1mV
3. Basic Error  
pH:  $\pm 0.01\text{pH} \pm 1$  bit  
mV:  $\pm 1\text{mV} \pm 1$  bit
- 4.Input impedance:  $\geq 1 \times 10^{12} \Omega$
- 5.Stability:  $\pm 0.01$  pH/3h
- 6.Range of temperature compensation: (0.0~60.0) $^{\circ}\text{C}$  Manual
- 7.Power supply: 220V/110V
- 8.Dimension: 320×220×90mm
- 9.Net Weight: 1.5kg
- 10.Shipping Size: 330x260x280mm/2kg

**Included Accessories:**

1. E-201-9 Combined Electrode
2. Multi-function Electrode Holder
3. Fuse BGXP  $\Phi 5 \times 20$  0.5A
4. Buffer Solution
5. Universal Adapter

### DDS-11A Benchtop Conductivity Meter



#### Features:

1. With 3 1/2 LED, display is clear and precision is high.
2. Electrode constant compensation.
3. Manual temperature compensation.
4. It is equipped with DJS-1C platinum black probe.

#### Specifications:

1.Measuring range: The measuring range is (0~2×10<sup>5</sup>) uS/cm. The instrument has five ranges and can be changed through band switch by manual (by electrode with constant).

Range	Measuring range	Resolution
2 uS/cm	0.001~2 uS/cm	0.001 uS/cm
20 uS/cm	0.01~20 uS/cm	0.01uS/cm
200 uS/cm	0.1~200 uS/cm	0.1uS/cm
2 mS/cm	0.001~2.mS/cm	0.001mS/cm
20 mS/cm	0.01~20 mS/cm	0.01mS/cm

NOTE: To measure high conductivity, a larger constant electrode is commonly used. If the conductivity is over 10000 uS/cm, the electrode with constant of 10 cm<sup>-1</sup> is used and the measuring range is extended to 2×10<sup>5</sup> uS/cm.

2. Accuracy of the electronic unit : ±1.0%(FS) ±1bit
- 3.Accuracy of the meter: ±1.5%(FS) ±1bit
4. Range of Temperature compensation: 5-35℃
- 5.Normal operation conditions:
  - (1) Ambient temperature: (5-35)℃
  - (2) Relative humidity: not more than 85%
  - (3) Power source: 220V/110V
  - (4) Without any notable vibration.
  - (5)No strong electromagnetic interference to surrounding except the geomagnetic field.

#### Included Accessories:

- 1.DJS-1C Platinum-black Probe
- 2.Multi-function Electrode Holder
3. Fuse BGXP Φ5\*20 0.5A
- 4.Universal Adapter

**PHS-3E Benchtop pH Meter****Features:**

1. Large screen, LCD display, dual parameter.
2. Automatic buffer recognition and 2-point calibration.
3. Manual and auto temperature compensation.
4. Simultaneous measurement or display of pH value, temperature and mV(ORP).
5. It is equipped with pH combined electrode, temperature sensor and buffer.

**Specifications:**

Specifications:

Accuracy: 0.01

1. Measuring range

pH: -2 ~ 18.00pH

mV: (-1999 ~ 1999) mV

Temperature: (0 ~ 99.9)°C Auto/manual

2. Resolution

pH: 0.01pH

mV: 1mV

Temperature: 0.1°C

**3. Basic Error**pH:  $\pm 0.01\text{pH} \pm 1 \text{ bit}$ mV:  $\pm 0.1\% \text{ FS}$ Temperature:  $\pm 0.3^\circ\text{C} \pm 1 \text{ bit}$ 4. Input impedance:  $\geq 1 \times 10^{12} \Omega$ 5. Stability:  $\pm 0.01 \text{ pH}/3\text{h}$ 

6. Temperature compensation range: (0 ~ 99.9)°C Auto/manual

7. Power supply: 220V/110V

8. Dimension: 320×220×90mm

9. Net Weight: 1.5kg

10. Shipping Size: 330x260x280mm/2kg

**Included Accessories:**

1. E-201-9 Combined Electrode
2. T-818-B-6 Temperature Electrode
3. Multi-function Electrode Holder
4. Fuse BGXP  $\Phi 5 \times 20$  0.5A
5. Buffer Solution
6. Universal Adapter

### DDS-11A Benchtop Conductivity Meter



#### Features:

1. Large screen and LCD segmented display.
2. It functions as auto and manual temperature compensation.
3. If matched with the titanium alloy sensor of 0.01cm-1 and sealed measuring reservoir, it can test high purity water.
4. It is equipped with DJS-1C platinum black probe and T-818-B-6 temperature sensor.

#### Specifications:

1. Measuring range: Conductivity: 0.00 $\mu$ S/cm-100 $\mu$ S/cm; TDS: 0-1000 mg/L; Temperature: 0.0-60.0 °C
2. Accuracy: Conductivity:  $\pm$ 0.5%FS; T D S:  $\pm$ 1.0%FS; Temperature: $\pm$ 0.3°C $\pm$ 1 bit
3. Stability: ( $\pm$ 0.33%FS $\pm$ 1 digital)/3h
4. Temperature compensation range: Manual/Auto (0.0-40.0)°C
5. Temperature compensation coefficient: 2%
6. Power supply: 220V / 110V
7. Dimension: 300 $\times$ 200 $\times$ 72mm
8. Net Weight: 1.5kg

#### Conductance Constant and corresponding Conductivity measuring range

Electrodeconstant (K) (cm <sup>-1</sup> )	0.01	0.1	1	10
Measuring range ( $\mu$ S/cm)	0.0~2.0	0.2~20.0	2~1 $\times$ 10 <sup>4</sup>	1 $\times$ 10 <sup>4</sup> ~1 $\times$ 10 <sup>5</sup>

#### Included Accessories:

- 1.DJS-1C Platinum-black Probe
- 2.T-818-B-6 Temperature Sensor
- 3.Multi-function Electrode Holder
4. Fuse BGXP  $\Phi$ 5\*20 0.5A
- 3.Universal Adapter

## P611 pH Meter



1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 13 buffers with three kinds of options: Europe & USA, NIST and China.
4. Can set up pH measurement modes of high purity water and ammonia added pure water.
5. Grade IP57 and equipped with suitcase for outdoor purpose.

PH	Measuring range	(-2.00~19.99)pH
	Resolution	0.1/0.01 pH
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.01 pH/3h
	Temp. compensation range	(0~100)°C (Auto/manual)
mV	Measuring range (mV/ORP/EH)	-1999mV ~ 0 ~ 1999mV
	Resolution	1mV
	Accuracy	±0.1% FS
Other Technical Parameters	Data storage	200 sets
	Power	Two AA batteries (1.5V x2)
	Shipping size/G.W.	(380×100×300)mm/1Kg
Working Condition	Ambient temperature	5~35 °C(0.01grade)
	Ambient humidity	≤85%
	IP grade	IP57 Dustproof and waterproof
Meter Kits	1) pH meter	
	2) pH composite electrode	
	3) Temperature electrode	
	4) pH buffer solution	
	5) Suitcase	

## P612 Conductivity Meter



1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
4. Adopt advanced conductivity measurement technology, one point calibration of conductivity electrode with constant K=1 can meet the measuring accuracy requirements for test  $0.5\mu\text{ S/cm} \sim 200\text{mS/cm}$ .
5. Can switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
6. Conductivity mode has the function of non-linear temperature compensation for high purity water.
7. Plastic conductivity electrode with automatic temperature compensation to ensure fast and accurate result.
8. Grade IP57 and equipped with suitcase for outdoor purpose.

Conductivity	Measuring range	Conductivity:
		(0.00~19.99) $\mu\text{S/cm}$
		(20.0~199.9) $\mu\text{S/cm}$
		(200~1999) $\text{S/cm}$
		(2.00~19.99) $\text{mS/cm}$
		(20.0~199.9) $\text{mS/cm}$
TDS:(0~100) $\text{g/L}$		
Salinity:(0~100) $\text{ppt}$		
	Resistivity:(0~100) $\text{M}\Omega\cdot\text{cm}$	
	Resolution	0.01/0.1/1 $\mu\text{S/cm}$ ; 0.01/0.1 $\text{mS/cm}$
	Accuracy	$\pm 1.0\%$ FS, Overall: $\pm 1.5\%$ FS
	Temp. compensation range	(0~100) $^{\circ}\text{C}$ (Auto/manual)
	Electrode constant	0.1 / 1 / 10 $\text{cm}^{-1}$
Other Technical Parameters	Data storage	200 sets
	Power	Two AA batteries (1.5V x2)
	Shipping size/G.W.	(380×100×300) $\text{mm}/1\text{Kg}$
Working Condition	Ambient temperature	5~35 $^{\circ}\text{C}$ (0.01grade)
	Ambient humidity	$\leq 85\%$
	IP grade	IP57 Dustproof and waterproof
Meter Kits	1) Conductivity meter	
	2) Conductivity electrode (K=1)	
	3) Temperature electrode	
	4) Suitcase	



## P613 pH/Conductivity Meter

1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 13 buffers with three kinds of options: Europe & USA, NIST and China.
4. Can set up pH measurement modes of high purity water and ammonia added pure water.
5. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
6. Adopt advanced conductivity measurement technology, one point calibration of conductivity electrode with constant K=1 can meet the measuring accuracy requirements for test 0.5μ S/cm ~ 200mS/cm.
7. Can switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
8. Conductivity mode has the function of non-linear temperature compensation for high purity water.
9. Grade IP57 and equipped with suitcase for outdoor purpose.

PH	Measuring range	(-2.00~19.99)pH	
	Resolution	0.1/0.01 pH	
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH	
	Input impedance	≥1×10 <sup>12</sup> Ω	
	Stability	±0.01 pH/3h	
	Temp. compensation range	(0~100)°C (Auto/manual)	
mV	Measuring range (mV/ORP/EH)	-1999mV ~ 0 ~ 1999mV	
	Resolution	1mV	
	Accuracy	±0.1% FS	
Conductivity	Measuring range	Conductivity: (0.00~19.99)μS/cm (20.0~199.9)μS/cm (200~1999)S/cm (2.00~19.99)mS/cm (20.0~199.9)mS/cm	
		TDS:(0~100)g/L	
		Salinity:(0~100)ppt	
		Resistivity:(0~100)MΩ·cm	
		Resolution	0.01/0.1/1μS/cm; 0.01/0.1 mS/cm
		Accuracy	±1.0% FS, Overall:±1.5% FS
	Temp. compensation range	(0~100)°C(Auto/manual)	
	Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>	
Other Technical Parameters	Data storage	200 sets	
	Power	Two AA batteries (1.5V x2)	
	Shipping size/G.W.	(380×100×300)mm/1Kg	
Working Condition	Ambient temperature	5~35 °C(0.01grade)	
	Ambient humidity	≤85%	
	IP grade	IP57 Dustproof and waterproof	
Meter Kits	1) pH & Conductivity meter		
	2) pH composite electrode		
	3) Temperature electrode		
	4) Conductivity electrode (K=1)		
	5) pH buffer solution		
	6) Suitcase		

## P614 DO Meter



1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. DO mode has functions of ATC, auto salinity compensation and manual pressure compensation.
4. New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
5. Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
6. Grade IP57 and equipped with suitcase for outdoor purpose.

DO	Measuring range	(0 ~ 20.00) mg/L(ppm), (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %
	Accuracy	Electrode: ±0.10 mg/L, Instrument: ±0.40 mg/L
	Response time	≤30s (25℃, 90%response)
	Residual current	≤0.1 mg/L
	Temperature compensation	(0 ~ 45)℃ (auto)
	Salinity compensation	(0 ~ 45) ppt (auto)
	Pressure compensation	(66 ~ 200) kPa (manual)
	Automatic calibration	Air saturated by water, water saturated by air
	Electrode type	Polarographic
Other Technical Parameters	Data storage	200 sets
	Power	Two AA batteries (1.5V x2)
	Shipping size/G.W.	(380×100×300)mm/1Kg
Working Conditions	Ambient temperature	5~35 °C(0.01grade)
	Ambient humidity	≤85%
	IP grade	IP57 Dustproof and waterproof
Meter Kits	1) DO meter	
	2) DO electrode	
	3) Temperature electrode	
	4) DO filling solution	
	5) Membrane cap	
	6) Cathode polishing paper	
	7) Suitcase	



## P615 pH/DO Meter

1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 13 buffers with three kinds of options: Europe & USA, NIST and China.
4. Can set up pH measurement modes of high purity water and ammonia added pure water.
5. DO mode has functions of ATC, auto salinity compensation and manual pressure compensation.
6. New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
7. Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
8. Grade IP57 and equipped with suitcase for outdoor purpose.

PH	Measuring range	(-2.00~19.99)pH
	Resolution	0.1/0.01 pH
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.01 pH/3h
	Temp. compensation range	(0~100)°C (Auto/manual)
mV	Measuring range (mV/ORP/EH)	-1999mV ~ 0 ~ 1999mV
	Resolution	1mV
	Accuracy	±0.1% FS
DO	Measuring range	(0 ~ 20.00) mg/L(ppm), (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %
	Accuracy	Electrode: ±0.10 mg/L, Instrument: ±0.40 mg/L
	Response time	≤30s (25 °C, 90%response)
	Residual current	≤0.1 mg/L
	Temperature compensation	(0 ~ 45)°C (auto)
	Salinity compensation	(0 ~ 45) ppt (auto)
	Pressure compensation	(66 ~ 200) kPa (manual)
	Automatic calibration	Air saturated by water, water saturated by air
Other Technical Parameters	Electrode type	Polarographic
	Data storage	200 sets
	Power	Two AA batteries (1.5V x2)
Working Condition	Shipping size/G.W.	(380×100×300)mm/1Kg
	Ambient temperature	5~35 °C(0.01grade)
	Ambient humidity	≤85%
Meter Kits	IP grade	IP57 Dustproof and waterproof
	1) pH & DO meter	
	2) pH composite electrode	
	3) Temperature electrode	
	4) DO electrode	
	5) pH buffer solution	
	6) DO filling solution	
	7) Membrane cap	
	8) Cathode polishing paper	
9) Suitcase		



## P616 Conductivity/DO Meter

1. Large LCD screen with controllable white backlight.
2. Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.
3. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
4. Adopt advanced conductivity measurement technology, one point calibration of conductivity electrode with constant K=1 can meet the measuring accuracy requirements for test  $0.5\mu\text{S/cm} \sim 200\text{mS/cm}$ .
5. Can switch between conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
6. Conductivity mode has the function of non-linear temperature compensation for high purity water.
7. DO mode has functions of ATC, auto salinity compensation and manual pressure compensation.
8. New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 minutes for polarization.
9. Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
10. Grade IP57 and equipped with suitcase for outdoor purpose.

Conductivity	Measuring range	Conductivity: (0.00~19.99) $\mu\text{S/cm}$ (20.0~199.9) $\mu\text{S/cm}$ (200~1999) $\text{S/cm}$ (2.00~19.99) $\text{mS/cm}$ (20.0~199.9) $\text{mS/cm}$ TDS:(0~100) $\text{g/L}$ Salinity:(0~100) $\text{ppt}$ Resistivity:(0~100) $\text{M}\Omega\cdot\text{cm}$
	Resolution	0.01/0.1/1 $\mu\text{S/cm}$ ; 0.01/0.1 $\text{mS/cm}$
	Accuracy	$\pm 1.0\%$ FS, Overall: $\pm 1.5\%$ FS
	Temp. compensation range	(0~100) $^{\circ}\text{C}$ (Auto/manual)
	Electrode constant	0.1 / 1 / 10 $\text{cm}^{-1}$
DO	Measuring range	(0 ~ 20.00) $\text{mg/L(ppm)}$ , (0 ~ 200.0)%
	Resolution	0.1/0.01 $\text{mg/L(ppm)}$ , 1/0.1 %
	Accuracy	Electrode: $\pm 0.10$ $\text{mg/L}$ , Instrument: $\pm 0.40$ $\text{mg/L}$
	Response time	$\leq 30\text{s}$ (25 $^{\circ}\text{C}$ , 90%response)
	Residual current	$\leq 0.1$ $\text{mg/L}$
	Temperature compensation	(0 ~ 45) $^{\circ}\text{C}$ (auto)
	Salinity compensation	(0 ~ 45) $\text{ppt}$ (auto)
	Pressure compensation	(66 ~ 200) $\text{kPa}$ (manual)
Other Technical Parameters	Automatic calibration	Air saturated by water, water saturated by air
	Electrode type	Polarographic
	Data storage	200 sets
Working Condition	Power	Two AA batteries (1.5V x2)
	Shipping size/G.W.	(380x100x300) $\text{mm}/1\text{Kg}$
	Ambient temperature	5~35 $^{\circ}\text{C}$ (0.01grade)
Meter Kits	Ambient humidity	$\leq 85\%$
	IP grade	IP57 Dustproof and waterproof
	1) Conductivity & DO meter	
	2) Conductivity electrode	
	3) Temperature electrode	
4) DO electrode		
5) DO filling solution		
6) Membrane cap		
7) Cathode polishing paper		
8) Suitcase		

## P911 pH Meter



1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. 3.5mm electrode interface makes it very easy for electrode connection.
5. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with meter.
6. Automatic recognition of 15 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
7. Can store 200 sets of data including readings, GLP data, date and time.
8. Rechargeable battery can last for 30 hours. Auto power off when no operation in 10 minutes.

pH	Measuring range	(-2 ~ 19.999)pH
	Resolution	0.1/0.01pH
	Accuracy	±0.02 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.002 pH/3h
	Temp. compensation range	(0 ~ 100)°C, auto/manual
mV	Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	0.1mV
	Accuracy	±0.03% FS
Temperature	Measuring range	(-10 ~ 110)°C
	Resolution	0.1°C
	Accuracy	5~ 60°C: range: ±0.4°C; other range: ±0.8°C
Calibration		1, 2, 3 point
Other Technical Parameters	Display	5-Inch white backlit LCD screen
	Data storage	200 sets
	Power	DC 5V/1A
	Communication connector	Micro USB & Standard USB
	Dimension/N.W.	180 x 130 x 14mm/280g
Working Condition	Environment Temp.	5 ~ 35 °C
	Environmental	≤85%
	IP Grade	IP54
Meter Kits	1) pH meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of pH combination electrode and temperature probe.	
	4) pH buffer solution	
	5) Power adapter	



## P912 Conductivity Meter

1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. 3.5mm electrode interface makes it very easy for electrode connection.
5. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with meter.
6. Automatic recognition of 8 calibration solutions with two standards of options: Europe & USA and China.
7. Can store 200 sets of data including readings, GLP data, date and time.
8. Rechargeable battery can last for 30 hours. Auto power off when no operation in 10 minutes.

Conductivity	Measuring range	Conductivity: (0.00~20.00) $\mu$ S/cm; (20.0~200.0) $\mu$ S/cm; (200~2000) $\mu$ S/cm; (2.00~20.00)mS/cm; (20.0~200.0)mS/cm
		TDS: (0~100) g/L
		Salinity:(0 ~ 100)ppt
		Resistivity:(0 ~ 100)M $\Omega$ ·cm
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
	Accuracy	Meter: $\pm$ 1.50% FS; Electrode: $\pm$ 1.0% FS
	Temp. compensation range	(0 ~ 50) $^{\circ}$ C , auto
Temperature	Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>
	Measuring range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
Other Technical Parameters	Accuracy	5~ 60 $^{\circ}$ C : range: $\pm$ 0.5 $^{\circ}$ C; other range: $\pm$ 1.0 $^{\circ}$ C
	Display	5-Inch white backlit LCD screen
	Data storage	200 sets
	Power	DC 5V/1A
	Communication connector	Micro USB & Standard USB
Working Condition	Dimension/N.W.	180 x 130 x 14mm/280g
	Environment Temp.	5 ~ 35 $^{\circ}$ C
	Environmental	$\leq$ 85%
Meter Kits	IP Grade	IP54
	1) Conductivity meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of Platinum black electrode (K=1) and temperature probe.	
	4) Power adapter	



## P913 pH/Conductivity Meter

1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. 3.5mm electrode interface makes it very easy for electrode connection.
5. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with meter.
6. Automatic recognition of buffers & calibration solutions with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
7. Can store 200 sets of data including readings, GLP data, date and time.
8. Rechargeable battery can last for 30 hours. Auto power off when no operation in 10 minutes.

pH	Measuring range	(-2 ~ 19.999)pH
	Resolution	0.1/0.01pH
	Accuracy	±0.02 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.002 pH/3h
	Temp. compensation range	(0 ~ 100)°C, auto/manual
mV	Measuring range	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	0.1mV
	Accuracy	±0.03% FS
Conductivity	Measuring range	Conductivity: (0.00~20.00)μS/cm; (20.0~200.0)μS/cm;
		TDS: (0~100) g/L
		Salinity:(0 ~ 100)ppt
		Resistivity:(0 ~ 100)MΩ·cm
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm
	Accuracy	Meter: ±1.50% FS; Electrode: ±1.0% FS
	Temp. compensation range	(0 ~ 50)°C, auto
Temperature	Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>
	Measuring range	(-10 ~ 110)°C
	Resolution	0.1°C
Calibration	Accuracy	5~ 60°C: range: ±0.4°C; other range: ±0.8°C
		1, 2, 3 point
Other Technical Parameters	Display	5-Inch white backlit LCD screen
	Data storage	200 sets
	Power	DC 5V/1A
	Communication connector	Micro USB & Standard USB
	Dimension/N.W.	180 x 130 x 14mm/280g
Working Condition	Environment Temp.	5 ~ 35 °C
	Environmental	≤85%
	IP Grade	IP54
Meter Kits	1) pH & Conductivity Meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) Conductivity electrode (K=1)	
	5) Temperature probe	
	6) pH buffer solution	
	7) Power adapter	

## P914 DO Meter



1. 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
3. Two USB interfaces for PC connection, battery charging, and data transfer.
4. 3.5mm electrode interface makes it very easy for electrode connection.
5. Polarographic DO electrode, short polarization time (3-5 minutes).
6. Automatic recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with meter.
7. Can store 200 sets of data including readings, GLP data, date and time.
8. Rechargeable battery can last for 30 hours. Auto power off when no operation in 10 minutes.

Measuring range	DO	(0.000 ~ 90)mg/L (ppm)
	Temp.	(-10 ~ 110)°C
Resolution	DO	0.01/0.1
	Temp.	0.1°C
	Saturation	(0.0 ~ 600)%
	Air Pressure	1
Accuracy	DO	(0 ~ 100) ppt
	Temp.	(5 ~ 60)°C: range: ±0.5°C; other range: ±1.0°C
	Saturation	0.10%
	Air Pressure	±2%
Compensation	Temp.	(0 ~ 50)°C , auto
	Salinity	(0.0 ~ 50.0)g/L, manual
	Air Pressure	(80 ~ 105)kPa, manual
Display parameters		Concentration, Saturation, Temperature
DO Saturation		±0.5%
Stability		(±0.07mg/L)/1h
Response Time		≤30s (25°C, 90% response)
Other Technical Parameters	Display	5-Inch white backlit LCD screen
	Data storage	200 sets
	Power	DC 5V/1A
	Communication connector	Micro USB & Standard USB
	Dimension/N.W.	180 x 130 x 14mm/280g
Working Condition	Ambient Temp.	5 ~ 40°C
	Ambient Humidity	5 ~ 85%
	IP Grade	IP54
Meter Kits	1) DO meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of DO electrode and temperature probe.	
	4) DO filling solution	
	5) Membrane cap	
	6) Cathode polishing paper	
	7) Power adapter	

## P711 pH Meter



1. 6.5-inch LED screen with concise and friendly-use interface.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Omron long lasting and light touch key can be used more than 100,000 times.
6. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point
7. Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-2.000 ~ 18.000)pH
	Resolution	0.01 pH
	Accuracy	Electrode: ±0.02 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥1×10 <sup>12</sup> Ω
	Stability	±0.01 pH/3h
	Temperature compensation	(0 ~ 100)°C, auto; (-5 ~ 110)°C, auto or manual
mV	Measurement range	(-1999.00 ~ 1999.00) mV
	Resolution	1 mV
	Accuracy	±0.1% FS
Temperature	Range	(-5 ~ 110)°C
	Resolution	0.1°C
	Accuracy	±0.5°C
Calibration	1, 2, 3 point, auto	
Buffer	Europe & USA, NIST, China standards	
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 40 °C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	1) pH meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of pH combination electrode and temperature probe.	
	4) pH buffer solution	
	5) Power adapter	

## P712 Conductivity Meter



- 6.5-inch LED screen with concise and friendly-use interface.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
- With ATC conductivity electrode, Its measurement result is fast and precise.
- Omron long lasting and light touch key can be used more than 100,000 times.
- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
	Resistivity:(0 ~ 100)M $\Omega$ ·cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
Accuracy	Electrode: $\pm$ 1.0% FS, Meter: $\pm$ 1.5% FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm$ 0.5 $^{\circ}$ C Others: $\pm$ 1.0 $^{\circ}$ C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq$ 80%
	IP grade	IP54
Meter Kits	1) Conductivity meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of Platinum black electrode (K=1) and temperature probe.	
	4) Power adapter	



## P713 pH/Conductivity Meter

- 6.5-inch LED screen with concise and friendly-use interface.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
- Omron long lasting and light touch key can be used more than 100,000 times.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China. Support 1, 2, 3 point calibration.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01 pH
	Accuracy	Electrode: $\pm 0.02$ pH
	Input current	$\leq 1 \times 10^{-12}$ A
	Input impedance	$\geq 3 \times 10^{12}$ $\Omega$
	Stability	$\pm 0.02$ pH/3h
	Temperature compensation	(0 ~ 100) $^{\circ}$ C, auto or manual
mV	Measurement range	(-1999.9 ~ 0 ~ 1999.9) mV
	Resolution	0.1 mV
	Accuracy	$\pm 0.03\%$ FS
Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
	Resistivity:(0 ~ 100)M $\Omega$ ·cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1/1mS/cm
Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm <sup>-1</sup>	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm 0.4^{\circ}$ C Others: $\pm 0.8^{\circ}$ C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
Working Conditions	Dimensions & Weight	240×170×70mm/600g
	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq 80\%$
Meter Kits	IP grade	IP54
	1) pH & Conductivity Meter	
	2) Electrode holder	
	3) pH composite electrode	
4) Conductivity electrode (K=1)		
5) Temperature probe		
6) pH buffer solution		
7) Power adapter		

## P714 DO Meter



1. 6.5-inch LED screen with concise and friendly-use interface.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. It has functions of ATC, auto salinity compensation and auto pressure compensation.
5. Polarographic DO electrode, short polarization time (3-5 minutes).
6. Omron long lasting and light touch key can be used more than 100,000 times.
7. Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Display parameters		Concentration, Saturation, Temperature
DO	Range	0.000 ... 90 mg/L (ppm)
	Resolution	0.01/0.1
	Accuracy	± 0.5%
	Saturation	0.0 ... 600%
Saturation	Resolution	0.10%
	Accuracy	±2.0%FS
Temperature	Measuring Range	(-10~110)°C
	Resolution	0.1°C
	Accuracy	±0.1°C
	compensation range	(0 ~ 45)°C (automatic)
Salinity compensation range		(0.0~50.0)g/L
Air pressure	compensation range	(80 ~ 105)kPa (automatic)
	resolution	1
	Accuracy	± 2%
Stability		(±0.07mg/L)/1h
Response time		≤30s (25°C, 90% response)
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 40 °C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	1) DO meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of DO electrode and temperature probe.	
	4) DO filling solution	
	5) Membrane cap	
	6) Cathode polishing paper	
	7) Power adapter	

## P715 pH/DO Meter



- 6.5-inch LED screen with concise and friendly-use interface.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- It has functions of ATC, auto salinity compensation and auto pressure compensation.
- Polarographic DO electrode, short polarization time (3-5 mintues). Support 1 point calibration.
- Omron long lasting and light touch key can be used more than 100,000 times.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01/0.001 pH
	Accuracy	Electrode: ±0.02 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥3×10 <sup>12</sup> Ω
	Stability	±0.02 pH/3h
	Temperature compensation	(0 ~ 100)°C, auto or manual
mV	Measurement range	(-1999.00 ~ 1999.00) mV
	Resolution	0.1 mV
	Accuracy	±0.05% FS
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %
	Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L
	Response time	≤30s (25°C, 90%response)
	Residual current	≤0.1 mg/L
	Temp compensation	(0 ~ 45)°C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
Temperature	Range	(-10 ~ 110)°C
	Resolution	0.1°C
	Accuracy	5 ~ 60°C:±0.4°C Others: ±0.8°C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 40 °C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	1) pH & DO Meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) DO electrode	
	5) Temperature electrode	
	6) pH buffer solution	
	7) DO filling solution	
	8) Membrane cap	
	9) Cathode polishing paper	
	10) Power adapter	



## P716 Conductivity/DO Meter

1. 6.5-inch LED screen with concise and friendly-use interface.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. It has functions of ATC, auto salinity compensation and auto pressure compensation.
7. Polarographic DO electrode, short polarization time (3-5 minutes).
8. Omron long lasting and light touch key can be used more than 100,000 times.
9. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
10. Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
		Resistivity:(0 ~ 100)M $\Omega$ ·cm
Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm	
Accuracy	Electrode: $\pm$ 0.5% FS, Meter: $\pm$ 0.8% FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm <sup>-1</sup>	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %
	Accuracy	Electrode: $\pm$ 0.10 mg/L, Meter: $\pm$ 0.40 mg/L
	Response time	$\leq$ 30s (25 $^{\circ}$ C, 90%response)
	Residual current	$\leq$ 0.1 mg/L
	Temp compensation	(0 ~ 45) $^{\circ}$ C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
	Electrode type	Polarographic
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm$ 0.5 $^{\circ}$ C Others: $\pm$ 1.0 $^{\circ}$ C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240 $\times$ 170 $\times$ 70mm/600g
Working Conditions	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq$ 80%
	IP grade	IP54
Meter Kits	1) Conductivity & DO Meter	
	2) Electrode holder	
	3) Conductivity electrode (K=1)	
	4) DO electrode	
	5) Temperature probe	
	6) DO filling solution	
	7) Membrane cap	
	8) Cathode polishing paper	
	9) Power adapter	



### P717 pH/Conductivity/DO Meter

- 6.5-inch LED screen with concise and friendly-use interface.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
- It has functions of ATC, auto salinity compensation and auto pressure compensation.
- Polarographic DO electrode, short polarization time (3-5 minutes).
- Omron long lasting and light touch key can be used more than 100,000 times.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China. Support 1, 2, 3 point calibration.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01/0.001 pH
	Accuracy	Electrode: $\pm 0.002$ pH, Meter: $\pm 0.01$ pH
	Input current	$\leq 1 \times 10^{-12}$ A
	Input impedance	$\geq 3 \times 10^{12}$ $\Omega$
	Stability	$\pm 0.002$ pH/3h
	Temperature compensation	(0 ~ 100) $^{\circ}$ C, auto or manual
mV	Measurement range	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	0.1 mV
	Accuracy	$\pm 0.03\%$ FS
Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
	TDS:(0 ~ 100)g/L	
	Salinity:(0 ~ 100)ppt	
	Resistivity:(0 ~ 100)M $\Omega$ -cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm $^{-1}$	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %
	Accuracy	Electrode: $\pm 0.10$ mg/L, Meter: $\pm 0.40$ mg/L
	Response time	$\leq 30$ s (25 $^{\circ}$ C, 90%response)
	Residual current	$\leq 0.1$ mg/L
	Temp compensation	(0 ~ 45) $^{\circ}$ C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
	Electrode type	Polarographic
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm 0.4$ $^{\circ}$ C Others: $\pm 0.8$ $^{\circ}$ C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240 $\times$ 170 $\times$ 70mm/600g
Working Conditions	Temperature	15 ~ 30 $^{\circ}$ C
	Humidity	$\leq 85\%$
	IP grade	IP54
Meter Kits	1) pH & Conductivity & DO meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) Conductivity electrode	
	5) DO electrode	
	6) Temperature probe	
	7) pH buffer solution	
	8) DO filling solution	
	9) Membrane cap	
	10) Cathode polishing paper	
	11) Power adapter	

## P811 Touch Screen pH Meter



1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
6. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-2.000 ~ 18.000)pH
	Resolution	0.01 pH
	Accuracy	Electrode: $\pm 0.02$ pH
	Input current	$\leq 2 \times 10^{-12}$ A
	Input impedance	$\geq 1 \times 10^{12}$ $\Omega$
	Stability	$\pm 0.01$ pH/3h
	Temperature compensation	(0 ~ 100) $^{\circ}$ C, auto; (-5 ~ 110) $^{\circ}$ C, auto or manual
mV	Measurement range	(-1999.00 ~ 1999.00) mV
	Resolution	1 mV
	Accuracy	$\pm 0.1\%$ FS
Temperature	Range	(-5 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	$\pm 0.5$ $^{\circ}$ C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions&Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 40 $^{\circ}$ C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	1) pH meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of pH combination electrode and temperature probe.	
	4) pH buffer solution	
	5) Power adapter	



## P812 Touch Screen Conductivity Meter

1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
7. With ATC conductivity electrode , Its measurement result is fast and precise.
8. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
9. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
		Resistivity:(0 ~ 100)M $\Omega$ ·cm
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
Accuracy	Electrode: $\pm$ 1.0% FS, Meter: $\pm$ 1.5% FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1 / 1 / 10 cm <sup>-1</sup>	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm$ 0.5 $^{\circ}$ C Others: $\pm$ 1.0 $^{\circ}$ C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions&Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq$ 80%
	IP grade	IP54
Meter Kits	1) Conductivity meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of Platinum black electrode (K=1) and temperature probe.	
	4) Power adapter	



## P813 Touch Screen pH/Conductivity Meter

1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
7. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China. Support 1, 2, 3 point calibration.
8. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01 pH
	Accuracy	Electrode: $\pm 0.02$ pH
	Input current	$\leq 1 \times 10^{-12}$ A
	Input impedance	$\geq 3 \times 10^{12}$ $\Omega$
	Stability	$\pm 0.02$ pH/3h
	Temperature compensation	(0 ~ 100)°C, auto or manual
mV	Measurement range	(-1999.9 ~ 0 ~ 1999.9) mV
	Resolution	0.1 mV
	Accuracy	$\pm 0.03\%$ FS
Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
		TDS:(0 ~ 100)g/L
	Salinity:(0 ~ 100)ppt	
	Resistivity:(0 ~ 100)M $\Omega$ ·cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1/1mS/cm
Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS	
Temp. compensation range	(0 ~ 50)°C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm <sup>-1</sup>	
Reference Temp.	25°C、20°C、18°C	
Temperature	Range	(-10 ~ 110)°C
	Resolution	0.1°C
	Accuracy	5 ~ 60°C: $\pm 0.4$ °C Others: $\pm 0.8$ °C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
Working Conditions	Dimensions&Weight	240×170×70mm/600g
	Temperature	5 ~ 35 °C
	Humidity	$\leq 80\%$
Meter Kits	IP grade	IP54
	1) pH & Conductivity Meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) Conductivity electrode (K=1)	
	5) Temperature probe	
	6) pH buffer solution	
7) Power adapter		

## P814 Touch Screen DO Meter



1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. It has functions of ATC, auto salinity compensation and auto pressure compensation.
5. Polarographic DO electrode, short polarization time (3-5 minutes).
6. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Display parameters		Concentration, Saturation, Temperature
DO	Range	0.00 ... 90 mg/L (ppm)
	Resolution	0.01/0.1
	Accuracy	± 0.5%
	Saturation	0.0 ... 600%
Saturation	Resolution	0.10%
	Accuracy	±2.0%FS
Temperature	Measuring Range	(-10~110)°C
	Resolution	0.1°C
	Accuracy	±0.1°C
	compensation range	(0 ~ 45)°C (automatic)
Salinity compensation range		(0.0~50.0)g/L
Air pressure	compensation range	(80 ~ 105)kPa (automatic)
	resolution	1
	Accuracy	± 2%
Stability		(±0.07mg/L)/1h
Response time		≤30s (25°C, 90% response)
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions&Weight	240×170×70mm/600g
Working Conditions	Temperature	5 ~ 40 °C
	Humidity	5-85%
	IP grade	IP54
Meter Kits	1) DO meter	
	2) Electrode holder	
	3) Two-in-one electrode that consists of DO electrode and temperature probe.	
	4) DO filling solution	
	5) Membrane cap	
	6) Cathode polishing paper	
	7) Power adapter	



## P815 Touch Screen pH/DO Meter

- 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- It has functions of ATC, auto salinity compensation and auto pressure compensation.
- Polarographic DO electrode, short polarization time (3-5 minutes).
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
- Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01/0.001 pH
	Accuracy	Electrode: ±0.02 pH
	Input current	≤2×10 <sup>-12</sup> A
	Input impedance	≥3×10 <sup>12</sup> Ω
	Stability	±0.02 pH/3h
	Temperature compensation	(0 ~ 100) °C, auto or manual
mV	Measurement range	(-1999.00 ~ 1999.00) mV
	Resolution	0.1 mV
	Accuracy	±0.05% FS
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %
	Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L
	Response time	≤30s (25°C, 90%response)
	Residual current	≤0.1 mg/L
	Temp compensation	(0 ~ 45) °C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
	Electrode type	Polarographic
Temperature	Range	(-10 ~ 110) °C
	Resolution	0.1 °C
	Accuracy	5 ~ 60 °C: ±0.4 °C Others: ±0.8 °C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
Working Conditions	Dimensions&Weight	240×170×70mm/600g
	Temperature	5 ~ 40 °C
	Humidity	5-85%
Meter Kits	IP grade	IP54
	1) pH & DO Meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) DO electrode	
	5) Temperature electrode	
	6) pH buffer solution	
	7) DO filling solution	
	8) Membrane cap	
	9) Cathode polishing paper	
10) Power adapter		



## P816 Touch Screen Conductivity/DO Meter

1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. It has functions of ATC, auto salinity compensation and auto pressure compensation.
7. Polarographic DO electrode, short polarization time (3-5 minutes).
8. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
9. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
		Resistivity:(0 ~ 100)M $\Omega$ ·cm
Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm	
Accuracy	Electrode: $\pm$ 0.5% FS, Meter: $\pm$ 0.8% FS	
Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto	
Electrode constant	0.1/0.5/1/5/10/50/100 cm <sup>-1</sup>	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %
	Accuracy	Electrode: $\pm$ 0.10 mg/L, Meter: $\pm$ 0.40 mg/L
	Response time	$\leq$ 30s (25 $^{\circ}$ C, 90%response)
	Residual current	$\leq$ 0.1 mg/L
	Temp compensation	(0 ~ 45) $^{\circ}$ C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
	Electrode type	Polarographic
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1 $^{\circ}$ C
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm$ 0.5 $^{\circ}$ C Others: $\pm$ 1.0 $^{\circ}$ C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions&Weight	240 $\times$ 170 $\times$ 70mm/600g
Working Conditions	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq$ 80%
	IP grade	IP54
Meter Kits	1) Conductivity & DO Meter	
	2) Electrode holder	
	3) Conductivity electrode (K=1)	
	4) DO electrode	
	5) Temperature probe	
	6) DO filling solution	
	7) Membrane cap	
	8) Cathode polishing paper	
	9) Power adapter	

## P817 Touch Screen pH/Conductivity & DO Meter



1. 7-inch colored capacitive touch screen with high resolution (1024\*600) and sensitivity.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
7. It has functions of ATC, auto salinity compensation and auto pressure compensation.
8. Polarographic DO electrode, short polarization time (3-5 minutes).
9. Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China. Support 1, 2, 3 point calibration.
10. Can store 2000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

pH	Measurement range	(-1.999 ~ 19.999)pH
	Resolution	0.1/0.01/0.001 pH
	Accuracy	Electrode: $\pm 0.002$ pH, Meter: $\pm 0.01$ pH
	Input current	$\leq 1 \times 10^{-12}$ A
	Input impedance	$\geq 3 \times 10^{12}$ $\Omega$
	Stability	$\pm 0.002$ pH/3h
	Temperature compensation	(0 ~ 100) $^{\circ}$ C, auto or manual
mV	Measurement range	-1999.9mV ~ 0 ~ 1999.9mV
	Resolution	0.1 mV
	Accuracy	$\pm 0.03\%$ FS
Conductivity	Measuring range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		(200~2000)mS/cm(K=10)
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
	Resistivity:(0 ~ 100)M $\Omega$ ·cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
	Accuracy	Electrode: $\pm 0.5\%$ FS, Meter: $\pm 0.8\%$ FS
	Temp. compensation range	(0 ~ 50) $^{\circ}$ C, auto
Electrode constant	0.1/0.5/1/5/10/50/100 cm $^{-1}$	
Reference Temp.	25 $^{\circ}$ C、20 $^{\circ}$ C、18 $^{\circ}$ C	
Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%	
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %

DO	Accuracy	Electrode: $\pm 0.10$ mg/L, Meter: $\pm 0.40$ mg/L
	Response time	$\leq 30$ s (25 °C, 90% response)
	Residual current	$\leq 0.1$ mg/L
	Temp compensation	(0 ~ 45) °C (automatic)
	Salinity compensation	(0 ~ 45) ppt (automatic)
	Pressure compensation	(80 ~ 105) kPa (automatic)
	Automatic calibration	Air saturated by water; water saturated by air
	Electrode type	Polarographic
Temperature	Range	(-10 ~ 110) °C
	Resolution	0.1 °C
	Accuracy	5 ~ 60 °C: $\pm 0.4$ °C Others: $\pm 0.8$ °C
Other Parameters	Display	7-inch colored capacitive touch screen
	Data storage	2000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240×170×70mm/600g
Working Conditions	Temperature	15 ~ 30 °C
	Humidity	$\leq 85\%$
	IP grade	IP54
Meter Kits	1) pH & Conductivity & DO meter	
	2) Electrode holder	
	3) pH composite electrode	
	4) Conductivity electrode	
	5) DO electrode	
	6) Temperature probe	
	7) pH buffer solution	
	8) DO filling solution	
	9) Membrane cap	
	10) Cathode polishing paper	
	11) Power adapter	

## BT2000 Turbidity Meter



### Features:

1. 4.3 inch colored FTT screen with friendly UI.
2. Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
3. ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
4. Data transfer to PC via USB interface and optional bluetooth transmission.
5. Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
6. Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

### Specifications:

Model	BT-2000D	BT-2000S	BT-2000H
Description	Drinking Water Turbidity	Smart Turbidity	High-precision Turbidity
Minimum readout (NTU)	0.001	0.01	0.001, 0.01
Measuring range (NTU)	0~10	0~10	0~10
	0~100	0~100	0~100
		0~1000	0~1000
		0~4000	0~4000
Basic error	±5%FS	±5%FS	±2%FS
Repeatability	≤0.5%	≤0.5%	≤0.5%
Zero draft	±0.5%F.S	---	---
Applications	Drinking water and low turbidity solutions, with wider cuvette	Industrial waste water and river water	Industrial waste water and river water

## PT2000 Portable Turbidity Meter



### Features:

1. 4.3 inch colored FTT screen with friendly UI.
2. Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
3. ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
4. Advanced power management system can show the battery status in real time and be charged via USB port on PC or vehicle.
5. Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
6. Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

### Specifications:

Model	PT-2000S	PT-2000H
Description	Smart Turbidity	High-precision Turbidity
Minimum readout (NTU)	0.01	0.001
Measuring range (NTU)	0~10, 0~100,	0~10, 0~100,
	0~1000, 0~4000	0~1000, 0~4000
Basic error	±5%FS	±3%FS
Repeatability	≤0.5%	≤0.5%
Zero draft	±0.5%FS	±0.5%FS
Applications	Drinking water, surface water and circulating water	Factory condensate water, Domestic sewage

## BC2000 Colorimeter



### Features:

1. 4.3 inch colored FTT screen with friendly UI.
2. Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
3. ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
4. Data transfer to PC via USB interface and optional bluetooth transmission.
5. Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
6. Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

### Specifications:

Model	BC-2000D	BC-2000S	BC-2000H	BC-2000B
Description	Drinking Water Colorimeter	Smart Colorimeter	High-precision Colorimeter	Beer Colorimeter
Minimum readout (PCU)	0.001	0.1	0.001, 0.01	0.001EBC
Measuring range (PCU)	0~50	0-500	0-500	0-30EBC
Basic error	±5%FS	±5%FS	±5%FS	2~5 EBC, ≤±0.1 EBC
				5~10 EBC, ≤±0.2 EBC
				10~30 EBC, ≤±0.5 EBC
Repeatability	≤0.5%	≤0.5%	≤0.5%	≤0.5%
Zero draft	±0.5%FS	±0.5%FS	±0.5%FS	±0.5%FS
Characteristics	Drinking water and low chroma solutions, with wider cuvette	Industrial waste water and river water	Industrial waste water and river water	Beer chroma measurements

## PC2000 Portable Colorimeter



### Features:

1. 4.3 inch colored FTT screen with friendly UI.
2. Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
3. ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
4. Advanced power management system can show the battery status in real time and be charged via USB port on PC or vehicle.
5. Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
6. Cold light source, narrowband interference, with long lifetime up to 100,000 hours.

### Specifications:

Model	PC-2000H
Description	High-precision Colorimeter
Minimum readout (PCU)	0.001
Measuring range (PCU)	0-500, 0-100
Basic error	±3%FS
Repeatability	≤0.5%
Zero draft	±0.5%FS
Applications	Industrial waste water, river water, drinking water, domestic sewage