



水質分析儀器和電極產品型錄

Meter and Electrode for Water Solution Analysis

- pH
- ORP
- ISE
- Conductivity
- TDS
- Dissolved Oxygen
- Water Hardness
- Acid-Alkali Concentration



MP500 Series of Electrochemical Meters

pH • mV • ISE • Cond. • Res. • TDS • Sal. • DO • Temp.

- Nice appearance, easy to use, equipped with a flexible electrode holder, an intelligent stirrer and a brief operation manual, the most cost-effective electrochemical laboratory instruments of the 4th generation.
- Meet International GLP standards, with intelligent functions such as automatic calibration, automatic temperature compensation, data storage, time display, RS-232 output, function setup, self-diagnoses of information, etc.
- Options of three different measurement modes: a stable display mode, timing measurement mode and continuous measurement mode.



pH & mV	<ul style="list-style-type: none"> • Two special pH measurement modes for high purified water and purified water with ammonia can be set to meet the requirement of the electric power and petrochemical industry. • "E_H" oxidation-reduction potential (ORP) measurement mode can be set.
Conductivity	<ul style="list-style-type: none"> • Advanced conductivity measurement technique, employing two-cell conductivity electrode (K = 1), only need one-point calibration, able to reach the measurement precision range of 0.5μS/cm~ 200mS/cm. • For high purity water of less than 10μS/cm, no need to switch measurement mode, automatic non-linear temperature compensation.
Dissolved Oxygen	<ul style="list-style-type: none"> • Automatic compensation of temperature, salinity and air pressure. • A new dissolved oxygen electrode with the function of salinity measurement, can easily achieve automatic salinity compensation, short polarization time, fast response and accurate measurement.
Ion Concentration	<ul style="list-style-type: none"> • 10 options of common ions, the user can also set other ions. • Able to select or switch among four measurement units: pX、 mol/L、 mg/L and ppm.



Model 602 Flexible Electrode Holder



Ion Selection



Meets IP54 waterproof



Model 901 Intelligent Stirrer

MP500 Series of Electrochemical Meters

Single-parameter meters (pH, Conductivity, Dissolved Oxygen)



MP511 Lab pH Meter

MP512 Precision pH Meter

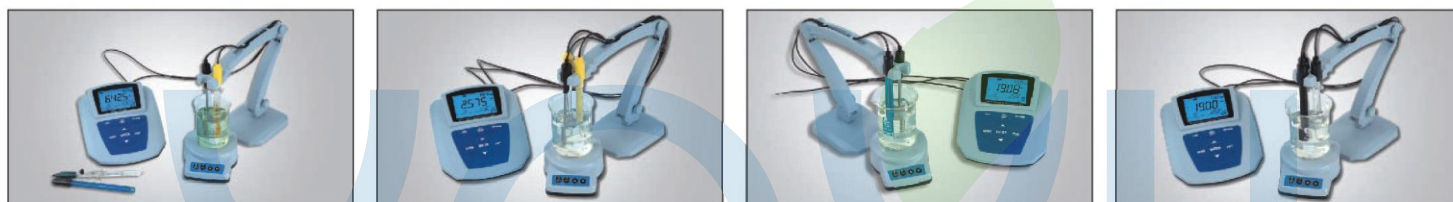
MP513 Lab Cond. Meter

MP515 Precision Cond. Meter

MP516 DO Meter

Parameter	Model Number	Main Technical Specifications	Applications and Configurations
pH	MP511 Lab pH Meter	Range: -2.00~19.99pH; Accuracy: ± 0.01 pH	Regular lab pH measurement, equipped with flexible electrode holder, three-in-one combination pH electrode and RS232 software.
	MP512 Precision pH Meter	Range: -2.000~19.999pH; Accuracy: ± 0.002 pH	Suited for precision pH measurement in scientific research, equipped with flexible electrode holder and 2503 pH electrode.
Conductivity	MP513 Lab Cond. Meter	Range: 0~200mS/cm; Accuracy: $\pm 1.0\%$ FS	Regular lab conductivity measurement, equipped with flexible electrode holder and model 2301 conductivity electrode with ATC.
	MP515 Precision Cond. Meter	Range: 0~2000mS/cm; Accuracy: $\pm 0.5\%$ FS	Suited for precision pH measurement in scientific research, equipped with flexible electrode holder and 2401 conductivity electrode with ATC.
DO	MP516 DO Meter	Range: (0~20.00) mg/L; Accuracy: ± 0.30 mg/L	Automatic compensation of temperature, salinity and air pressure, equipped with electrode holder, intelligent stirrer and model DO500 dissolved oxygen electrode.

Ion concentration meters



MP523 pH/Ion Concentration Meter

MP517 Sodium Ion Concentration Meter

MP518 Calcium Ion Concentration Meter

MP519 Fluoride Ion Concentration Meter

Parameter	Model Number	Main Technical Specifications	Applications and Configurations
pH, ISE	MP523 pH / Ion Concentration Meter	Range: pH -2.000~19.999pH Ion: 0~14.00pX	Basic ion concentration meter, the user can configure ion electrode and standard solution, with pH measurement mode.
Na ⁺	MP517 Sodium Ion Concentration Meter	Sodium electrode range: 0~9.00 pNa; Accuracy: ± 0.01 pNa,	Low sodium ion concentration measurement, equipped with sodium electrode, standard solution and intelligent stirrer.
Ca ²⁺	MP518 Calcium Ion Concentration Meter	Calcium electrode range: 0~9.00 pCa; Accuracy: ± 0.01 pCa,	Calcium ion concentration measurement, equipped with calcium electrode, standard solution and intelligent stirrer.
F ⁻	MP519 Fluoride Ion Concentration Meter	Fluoride electrode range: 0~9.00 pF; Accuracy: ± 0.01 pF,	Fluoride ion concentration measurement, equipped with fluoride electrode, standard solution and intelligent stirrer.

Double-parameter & multi-parameter meters (pH, Ion concentration, Conductivity, Dissolved Oxygen)



MP521

MP522

MP525

MP526

MP551

Parameter	Model Number	Main Technical Specifications	Applications and Configurations
pH Cond.	MP521 Lab pH/Cond. Meter	Range: pH:-2.00~19.99pH; Cond.: 0~200mS/cm Accuracy: pH: ± 0.01 pH; Cond.: $\pm 1.0\%$ FS	pH+Cond.double-parameter meter for various applications: equipped with flexible electrode holder, three-in-one combination pH electrode, model 2301 conductivity electrode with ATC and RS232 software.
	MP522 Precision pH/Cond. Meter	Range: pH: -2.000~19.999pH; Cond: 0~2000mS/cm Accuracy: pH: ± 0.002 pH; Cond.: $\pm 0.5\%$ FS	pH+Cond.double-parameter meter with high precision: equipped with flexible electrode holder, three-in-one combination pH electrode, model 2503 glass pH combination electrode, model 2401 conductivity electrode with ATC and RS232 software.
pH DO	MP525 pH/DO Meter	Range: pH: -2.000~19.999pH; DO: 0~20.00 mg/L Accuracy: pH: ± 0.002 pH; DO: ± 0.30 mg/L	pH+DO double-parameter meter with high precision: equipped with flexible electrode holder, three-in-one combination pH electrode, model 2503 glass pH combination electrode, model DO500 DO electrode, intelligent stirrer and RS232 software.
Cond. DO	MP526 Cond./DO Meter	Range: Cond: 0~2000mS/cm; DO: 0~20.00 mg/L Accuracy: Cond.: $\pm 0.5\%$ FS; DO: ± 0.30 mg/L	The most cost-effective Cond.+ DO. double-parameter meter, equipped with flexible electrode holder, model 2401 Cond. electrode with ATC, model DO500 DO electrode, intelligent stirrer and RS232 software.
pH, ISE, Cond., DO	MP551 pH/Ion/Cond./DO Meter	Range: pH:2.000~19.999pH; Ion: 0~14.00 pX; Cond. 0~2000mS/cm; DO: 0~20.00 mg/L Accuracy: pH: ± 0.002 pH; Cond: $\pm 0.5\%$ FS Ion: $\pm 0.5\%$ reading value/monovalence; $\pm 1.0\%$ reading value/bivalence DO: ± 0.30 mg/L.	The best cost-effective multi-parameter meter with high precision, equipped with flexible electrode holder, three-in-one combination pH electrode, model 2503 glass pH combination electrode, model 2401 conductivity electrode (ATC), model DO500 dissolved oxygen electrode, temperature probe, reference electrode, intelligent stirrer and RS232 software.

SX800 Series Portable Electrochemical Meter



pH

DO

Cond

- Operation Functions** — Auto. calibration, ATC, calibration guide, auto. inspection, self-diagnosis information prompts, calibration caution, calibration date checking, auto. power-off, low voltage display, etc. Simultaneous measurement for multi-parameter instrument.
- Accurate Measurement** — Advanced digital processing technology, stable reading display mode and autolock display mode.
- Data Processing** — GLP standard, clock display, manual storage and auto. timing storage, USB output, data protection in case of power-off.
- Structure Design** — White backlight large LCD, foldable stand, soft rubber booth and connector protection cap, IP57 waterproof, battery and USB power supply, with a portable case.

Classification	Models	Parameters
Single-parameter	SX811 pH meter	pH/mV/Temp.
	SX813 Cond. Meter	Cond/TDS/Sal/Res/Temp.
	SX816 DO Meter	DO/Temp.
Double-parameter	SX823 pH/Cond. Meter	pH/mV/Cond/TDS/Sal/Res/Temp.
	SX825 pH/DO Meter	pH/mV/ DO/Temp.
Multi-parameter	SX836 pH/Cond./DO Meter	pH/mV/Cond/TDS/Sal/Res /DO/Temp.



USB output & USB power supply



Sealed Connector for waterproof



IP57 waterproof



Foldable stand



Comb. electrode for simultaneous measurement



Portable Case

		SX811	SX813	SX816	SX823	SX825	SX836
Range	pH	(-2.00~19.99)pH	/	/	(-2.00~19.99)pH		
	mV	±1999mV	/	/	±1999mV		
	Cond.	/	(0~200)mS	/	(0~200)mS	/	(0~200)mS
	TDS	/	(0~100) g/L	/	(0~100) g/L	/	(0~100) g/L
	Salinity	/	(0~100) ppt	/	(0~100) ppt	/	(0~100) ppt
	Re sistivity	/	(0~100) MΩ	/	(0~100) MΩ	/	(0~100) MΩ
	DO	/		(0~20.00)mg/L (0~200.0) %		(0~20.0)mg/L, (0~200.0) %	
	Temp.	(-10~110)°C					
Accuracy	pH	±0.01pH	/	/	±0.01pH		
	mV	±0.1%FS	/	/	±0.1%FS		
	Cond.	/	±1.0%FS	/	±1.0%FS	/	±1.0%FS
	DO	/		±0.30 mg/L	/	±0.30 mg/L	
	Temp.	±0.5°C					
Cali bration	pH	1~3 point	/	/	1~3 point		
	Cond.	/	1~4 point	/	1~4 point	/	1~4 point
	DO	/	/	Air calibration	/	Air calibration	
Temp. Compensation	pH	Auto / manual(0~100)°C		/	Auto/manual (0~100) °C		
	Cond.	/	Auto.(0~50)°C	/	Auto.(0~50)°C	/	Auto.(0~50)°C
	DO	/	/	Auto.(0~45)°C	/	Auto.(0~45)°C	
Salinity Compensation	DO	/	/	Auto.(0~45)ppt	/	Auto.(0~45)ppt	
Air pressure compensation	DO	/	/	Manual (60~200)kPa	/	Manual (60~200)kPa	
Data Storage			500 groups	500 groups	1000 groups	1000 groups	1000 groups
Output			USB				
Power		AA Batteries×3 pcs (1.5V×3); DC5V (USB interface)					
Dimension (Portable case)		(360×270×76) mm			(480×370×95) mm		

SX700 Series of Electrochemical Meters

pH • mV • Cond. • Res. • TDS • Sal. • DO • Temp.

- Special 8-pin waterproof connector which four different electrodes (pH, ORP, Conductivity, DO) can be plugged into, ability of the meter to recognize automatically those electrodes.
- Automatic calibration, automatic temperature compensation, automatic ranging, function setup, automatic power-off , low voltage display, etc.
- Data storage 100-400 groups, IP57 waterproof.
- “Mobile Laboratory”—— meter, electrode, standard solution and other accessories are all in a portable case.



Portable Product Category	
Single-parameter	SX711 pH meter
	SX712 ORP meter
	SX713 Conductivity/TDS/Salinity/Resistivity Meter
	SX713-02 High purity water Conductivity/Resistivity Meter
	SX716 Dissolved Oxygen Meter
Double-parameter	SX721 pH/ORP Meter
	SX723 pH/Conductivity Meter
	SX725 pH/Dissolved Oxygen Meter
	SX726 Conductivity/Dissolved Oxygen Meter
Multi-parameter	SX731 pH/ORP/Conductivity Meter
	SX736 pH/Conductivity/Dissolved Oxygen Meter
	SX751 pH/ORP/Conductivity/Dissolved Oxygen Meter

Specifications	
pH	Range: -2.00~19.99pH; Accuracy: ± 0.01 pH, ATC: 0~100°C
ORP	Range: ± 1999 mV; Accuracy: $\pm 0.1\%$ FS
Conductivity	Range: Conductivity: 0~200mS/cm; TDS: 0~100g/L Salinity: 0~100ppt; Resistivity: 0~100M Ω ·cm Accuracy: $\pm 1.0\%$ FS; ATC: 0~50°C
Dissolved Oxygen	Range: 0~20.00mg/L (ppm); 0~199.9% Accuracy: ± 0.30 mg/L
Date Storage	100~400 groups
Power	AA batteries (1.5V x 2) , continuous operation >100 hours:
IP Rating	IP57 waterproof
Dimension/Weight	Meter: (65×120×31) mm /180g Small portable case: (255×210×50) mm / 790g Big portable case: (360×270×76) mm / 1.7Kg

pH Measurement	Ability to set two special pH measurement modes of high purity water and purity water with ammonia.
Cond. Measurement	Adopts conductivity electrode (k=1, ATC), one-point calibration, measurement range: 0.5 μ S/cm ~ 200mS/cm, have non linear temperature compensation of high purity water.
DO Measurement	Polarographic DO electrode, automatic salinity and temperature compensation, manual air pressure compensation, polarization for only 3 to 5 minutes.



Waterproof connector



DO electrode,
Calibration cover and membrane cap



Meets IP57 waterproof



Cond./Res.
Measurement of high purity water

SX600 Series of Waterproof Testers

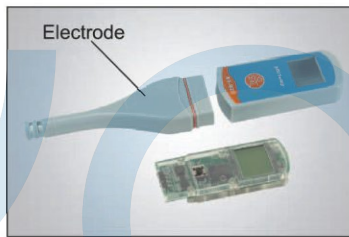


- The smallest and thinnest shape: 148×29×14mm. The diameter of the electrode: 10mm. The single button operation, easy to use.
- The intelligent functions: automatic calibration, automatic temperature compensation, switches of °C/°F, automatic power-off, low voltage alarm, pH electrode invalidation display, automatic ranging, etc.
- The reliable structure design: meets IP54 waterproof. Replaceable electrodes, calibration solution and standby batteries in a portable case.

Model	SX610 pH Tester	SX620 pH Tester	SX630 ORP Tester	SX650 Cond./Res./TDS/Sal. Tester
Range	pH: 0~14.0 pH Temp.: 0~60°C	pH:-1.00~15.00pH Temp.: 0~60°C	±1999mV	Cond.: 0~50.0 mS/cm; TDS: 0~35.0g/L; Sal.: 0~25.0 ppt Res.: 0~20.0 MΩ.cm; Temp.: 0~50°C
Accuracy	±0.1 pH; ±1.0°C	±0.01pH; ±1.0°C	±0.2% FS	±1.0% FS; ±0.5°C
ATC	0~60°C	0~60°C	No	0~50°C
Calibration Solution	pH7.00	pH4.00/7.00/10.01	ORPStandard solution (222mV)	1413µS/cm
Power	DC1.5V, 2 ×lithium batteries (CR2032) shunt-wound			
Di mension/Weight	Meter: 148×29×14mm, Weight: 43g Portable case: 168×96×28mm, Weight: 180 g			



Accessories for complete kit



Replaceable electrodes



Replaceable batteries



IP 57 Waterproof

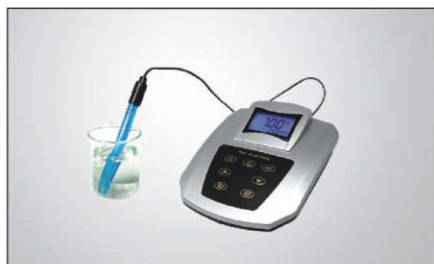
Economy Pocket Testers

- Intelligent functions: auto. calibration, auto. power-off, low voltage alarm for all economy pocket testers; auto. temp. compensation and auto. ranging for Model 5021,5041 and 5051 testers.
- IP57 waterproof for all economy pocket testers, replaceable electrodes for model PHB-3 pH tester and 5041 ORP tester.

Model	PHB-3 pH Tester	5021 Conductivity Tester	5031 TDS Tester	5041 ORP Tester	5051 Salinity Tester
Range	0~14.0pH	0~10.00mS/cm Auto. ranging	0~5.00 ppt Auto. ranging	±1000 mV	0~5.00 ppt
Resolution	0.1 pH	0.1/1 µS; 0.01 mS	0.1/1 ppm; 0.01 ppt	1 mv	0.01 ppt
Accuracy	±0.1 pH±1digit	±2%FS	±2%FS	±0.5%FS	±2%FS
ATC	No	Yes	Yes	No	Yes
Calibration Solution	Yes	Yes	Yes	No	Yes
Power	AAA batteries ×2, 1.5V×2				
Dimension & Weight	39×25×176 mm/87g				

Economy pH Meter and Cond.Meter

- Intelligent single chip design, automatic calibration, automatic or manual temperature compensation.
- Backlit display, simultaneous display of pH and temperature value.
- Electrode slope display after calibration.



PHS-3D-01 pH Meter



PHS-3D-02 pH Meter



PHS-3D-03 pH Meter

Model	PHS-3D-01 pH Meter	PHS-3D-02 pH Meter	PHS-3D-03 pH Meter
Range	pH: 0~14.00 pH, mV: ± 1999 mV, Temp: 0~100°C		
Resolution	pH: 0.1/0.01 pH; mV: 1mV; Temp: 0.1°C		
Accuracy	pH: ± 0.01 pH, mV: $\pm 0.1\%$ FS, Temp: ± 1 °C		
Temperature Compensation	0~100 °C manual	0~100 °C manual / automatic	
Storage & Record	25 groups/ record the max. and min. value		
Communication Connector	RS232 output		
Power	DC9V/300mA		
Dimension & Weight	160×190×70 (mm) / 750 g		
Meter Kits	<ol style="list-style-type: none"> 1.PHS-3D pH meter 2.201-C plastic pH combination probe 3.pH buffer solution 4.DC9V adaptor 	<ol style="list-style-type: none"> 1.PHS-3D pH meter 2.201T-M pH/ATC trinal combination probe 3.Model 600 electrode holder 4.pH buffer solution 5.DC9V adaptor 	<ol style="list-style-type: none"> 1.PHS-3D pH meter 2.201T-M plastic pH trinal combination porbe 3.Temperature probe 4.Model 601 electrode holder with stirrer 5.RS232 communication software and cable 6.pH buffer solution 7.DC9V adaptor

DDS-11C Conductivity Meter



Model	DDS-11C Conductivity Meter
Range	0 ~ 200 mS/cm, divided into 4 ranges: 0~199.9 μ S; 200~1999 μ S; 2.00~19.99 mS; 20.0~199.9 mS
Accuracy	$\pm 1.0\%$ FS
Temperature Compensation	(0 ~ 50) °C (manual and automatic)
Data Storage	50Groups
Power	DC9V/300mA
Dimension & Weight	160×190×70(mm) / 750 g
Meter Kits	<ol style="list-style-type: none"> 1. 2301-F Plastic Conductivity Electrode (K=1,ATC) , 2. 1413μS/cm Conductivity Standard Solution (50ml), 3. Model 600 Electrode Holder, 4. 9V Power Adapter

- Automatic calibration, automatic temperature compensation.
- Employing only one conductivity electrode (K=1) to measure the full scale.
- Automatic ranging and units switching.

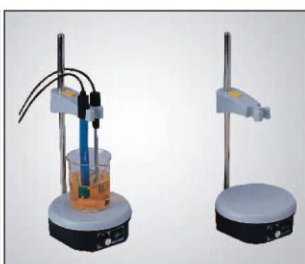
Electrode Holder



Model 600
Basic Electrode Holder



Model 602
Flexible Electrode Holder

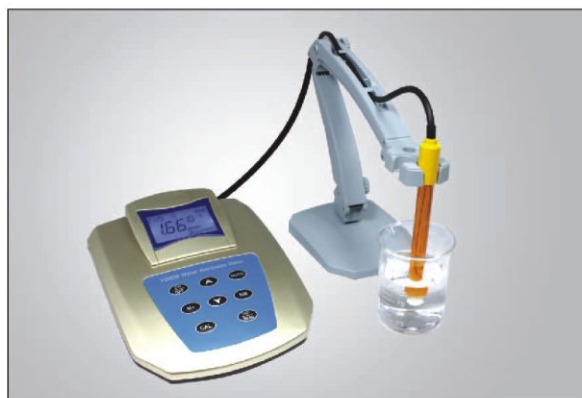


Model 601
Electrode Holder with Stirrer

Speed range	0 to 2300 rpm (no load)
Working diameter	$\phi 120$ mm
Installing size	$\phi 16$ mm $\phi 13$ mm
Space for up and down for the clamp	0 to 90mm
Max. stirring content	3000ml
Length of electrode stick	260mm
Power	DC9V Power Adaptor
Dimension	$\phi 120$ x 49mm

Water Hardness Meter and Acid-Alkali Concentration Meter

Water Hardness Meter



YD200 Lab Water Hardness Meter



YD300 Portable Water Hardness Meter

- Match model 601 water hardness combination electrode. Equal selectivity for the calcium and magnesium ions in water samples, quick response and easy to use.
- Intelligent chip design, with automatic calibration, automatic temperature compensation, automatic ranging, data storage, etc. Ability to switch among eight units: mmol/L, mg/L (CaCO₃), mg/L (CaO), mmol/L (Boiler), mg/L (Ca), °fH, °dH and °eH.

Model	YD200 Lab Water Hardness Meter	YD300 Portable Water Hardness Meter
Range	0~10 mmol/L or 0~1000 mg/L (CaCO ₃)	
Resolution	0.01 and 0.1 water hardness units	
Accuracy	±5%FS	
Temperature Compensation	(5 ~ 50) °C (automatic or manual)	(5 ~ 50) °C (automatic)
Communication Connector	RS232	No
Calibration Solution	B1, B2 and B3 one bottle each (250mL)	B1, B2 and B3 one bottle each (100mL)
Data Storage	128 groups	99 groups
Power	DC9V power adaptor	2x AA batteries (1.5V x 2)
IP Rating	No	IP57 waterproof

Acid-Alkali Concentration Meter



SX5150



SX7110, SX7120 and SX7150

- Unique electrode method to measure acid and alkali concentration, one electrode can measure the full scale.
- Extensive applications, can measure general acid and alkali concentration, acid and alkali concentration electrode is corrosion-resistant and easy-to-clean.

Model	SX5150 Lab Acid-Alkali Meter	SX7110 Portable Acid Meter	SX7120 Portable Alkali Meter	SX7150 Portable Acid-Alkali Meter
Specifications	Range: 0~15.00%; Resolution: 0.01 %; Accuracy: ±5% reading value or ±0.5%(whichever is greater)			
Electrode	ND800-S Acid-Alkali Concentration Electrode			
Data Storage	999 groups	200 groups	200 groups	300 groups
Communication Connector	RS232 software	No		
Power	DC9V power adaptor	2 × AA Batteries (1.5V×2)		
IP Rating	IP54 dustproof and splashproof	IP57 waterproof		

Solutions tested by Acid meter: H₂SO₄, HCl, HNO₃ and NaCl; Solutions tested by Alkali meter: NaOH, Na₂CO₃, KOH and NaCl.
Solutions tested by Acid-Alkali meter: H₂SO₄, HCl, HNO₃, NaOH, Na₂CO₃, KOH and NaCl.

Portable Fluoride Concentration Meter



YD200 Lab Water Hardness Meter



YD300 Portable Water Hardness Meter

- Three-in-one combination fluoride electrode which consists of ion electrode, reference electrode and temperature probe, stable potential and fast response.
- Stirring and reagent are not required, able to directly test fluoride in sample, able to switch three concentration units: mg/L, ppm and pF.
- Built-in chip, have intelligent functions such as automatic calibration, ATC, data storage, function set-up, and self-diagnostic information.
- High accuracy, able to test fluoride concentration, pH, ORP, conductivity, TDS, resistivity, salinity and temperature in water solutions.

	WS100 Portable pH/Fluoride Meter	WS200 Portable pH/TDS/Fluoride Meter
Fluoride Concentration	Range: 0~9.00pF; Accuracy: ±0.01pF; Temperature Compensation: 0~80℃ (ATC) ; Unit: mg/L, ppm, pF	
pH	Range: 0~14.00pH; Accuracy: ±0.01pH; Temperature Compensation: 0~100℃ (ATC)	
mV(ORP)	Range: ±1999mV; Accuracy: ±0.1%FS	
Conductivity	/	Cond.: 0~200mS/cm; TDS: 0~100g/L; Sal.: 0~100ppt; Res.: 0~100±MΩ Accuracy: ±1.0%FS
Electrode	F501 fluoride electrode 201T-S pH electrode	F501 Fluoride electrode 201T-S pH electrode 2301conductivity electrode
Data Storage	200 groups	200 groups
Power	2×AA Batteries (1.5V×2)	
IP Rating	IP57 Waterproof	

Magnetic Stirrer



Model 901 Intelligent Stirrer

- Ability to set and store the stirring rate
- Waterproof housing with transparent coping design.
- AC/DC selective, portable product can be used infield and incubator.

Speed range	0 to 2300 rpm (no load)
Working diameter	Φ100 mm
Max. stirring content	1000 ml
Power	DC6V Power Adaptor or AA batteries
Dimension	100×146×48mm
Accessories	Batteries, power adaptor, holder, electrode clamp and stir beads



Model 801 Magnetic Stirrer:

Speed range	0 to 2300 rpm (the empty load)
Working diameter	φ120mm
Max. stirring content	3000ml
Power	DC9V Power Adaptor
Dimension	Φ120 x 49mm



802 Heating Magnetic Stirrer

Heating power	40W
Surface Temp.	120℃ (no load)
Rate Range	0~2300 R/M (no load)
Max. Capacity	1000ml
Power	AC220V, 50HZ
Dimension	Φ120×53 mm

Lab. pH Electrode, ORP Electrode, Conductivity Electrode & Ion Electrode



201-C 200-C 201B-F 2015P-C 2501-C 2503-C 301Pt-C 3501Pt-C DJS-0.1 2401-C 2310-C 7801 601 F502 CL502

pH combination electrode & ORP combination electrode

Model	Description	Features and Applications	Temperature	pH Range
201-C	Plastic pH combination electrode	Gel KCL, no need to refill KCL, general use for lab. and in field.	0~80°C	0~14 pH
200-C	Plastic pH combination electrode	General use for lab., can refill KCL, suited for continuous testing and long time.	0~80°C	0~14 pH
201B-F	Plastic pH three-in-one combination electrode	Gel KCL, no need to refill KCL, built-in temperature measuring element, simultaneous measurement of pH and temperature.	0~80°C	0~14 pH
2501-C	Glass pH combination electrode	Measurement of high accuracy in lab., can refill KCL, unsuited for sticky solution.	0~90°C	0~14 pH
2503-C	Glass pH combination electrode	Measurement of high accuracy in lab., suited for solution of low ionic strength and sticky solution.	0~90°C	0~14 pH
2503D-C	Glass pH combination electrode	Suited under low temperature and for high purity water	0~60°C	2~12 pH
2015P-C	Surface pH combination electrode	Suited for flat objects such as skin, fruit, meat, paper and micro-solution.	5~80°C	0~14 pH
301Pt-C	Plastic ORP combination electrode	Gel KCL, no need to refill KCL, general use for lab. and in field.	0~80°C	—
3501Pt-C	Glass ORP combination electrode	General use for lab., can refill KCL, suited for continuous testing and long time.	0~90°C	—

Conductivity Electrode

Model	Description	Electrode Constant	Range	Features and Applications
DJS-0.1-C	Glass conductivity electrode	$0.1 \pm 0.02 \text{cm}^{-1}$	0~200 $\mu\text{S/cm}$	Suited for measurement of pure water and ultrapure water, equipped with removable glass flow cell, able to assemble platinum resistor or thermistor.
2301-C	Plastic conductivity electrode	$1.0 \pm 0.2 \text{cm}^{-1}$	0.5 $\mu\text{S/cm}$ ~200mS/cm	Plastic shell, collision and impact resistant, suited for application in laboratory and in field, able to assemble platinum resistor or thermistor.
DJS-1-C	Glass conductivity electrode	$1.0 \pm 0.2 \text{cm}^{-1}$	0.5 $\mu\text{S/cm}$ ~200mS/cm	General lab application, the glass housing is corrosion resistant.
2401-C	Glass conductivity electrode	$1.0 \pm 0.2 \text{cm}^{-1}$	0.5 $\mu\text{S/cm}$ ~200mS/cm	Cavity structure, high accuracy and better repeatability, suited for measurement with high-precision, able to assemble platinum resistor or thermistor.
2310-C	Plastic conductivity electrode	$10 \pm 1 \text{cm}^{-1}$	20~2000mS/cm	Suited for high concentration of electrolyte solution such as seawater and strong brine, able to assemble platinum resistor or thermistor.

Ion Electrodes

Model	Description	Sensitive Film Description	Measurement Range	Temperature Range	Reference Electrode
7801	Low Na ⁺ electrode	Glass film	1~7 pNa (10^{-1} ~ 10^{-7} mol/L)	15~45 °C	Model 6212
CA501	Ca ²⁺ combination electrode	PVC film	1~5 pCa (10^{-1} ~ 10^{-5} mol/L)	5~60 °C	/
601	Ca ²⁺ /Mg ²⁺ combination electrode	PVC film	1~5 pCa/Mg (10^{-1} ~ 10^{-6} mol/L)	5~60 °C	/
F502	F ⁻ electrode	Single Crystal film	1~6 pF (10^{-1} ~ 10^{-6} mol/L)	5~45 °C	Model 6211
CL502	Cl ⁻ electrode	Solid film	1~4.3 pCl (10^{-1} ~ 5×10^{-6} mol/L)	5~60 °C	Model 6215
BR502	Br ⁻ electrode	Solid film	1~5.3 pBr (10^{-1} ~ 5×10^{-6} mol/L)	5~60 °C	Model 6215
I502	I ⁻ electrode	Solid film	1~6.3 pI (10^{-1} ~ 5×10^{-7} mol/L)	5~60 °C	Model 6215
CU502	Cu ²⁺ electrode	Solid film	1~6.3 pCu (10^{-1} ~ 5×10^{-7} mol/L)	5~60 °C	Model 6215

Industrial pH& ORP Electrode

Model 2615 double junction pH (ORP) combination electrode



2615 pH Electrode



2615P pH Electrode



2615 ORP Electrode

Model 2615

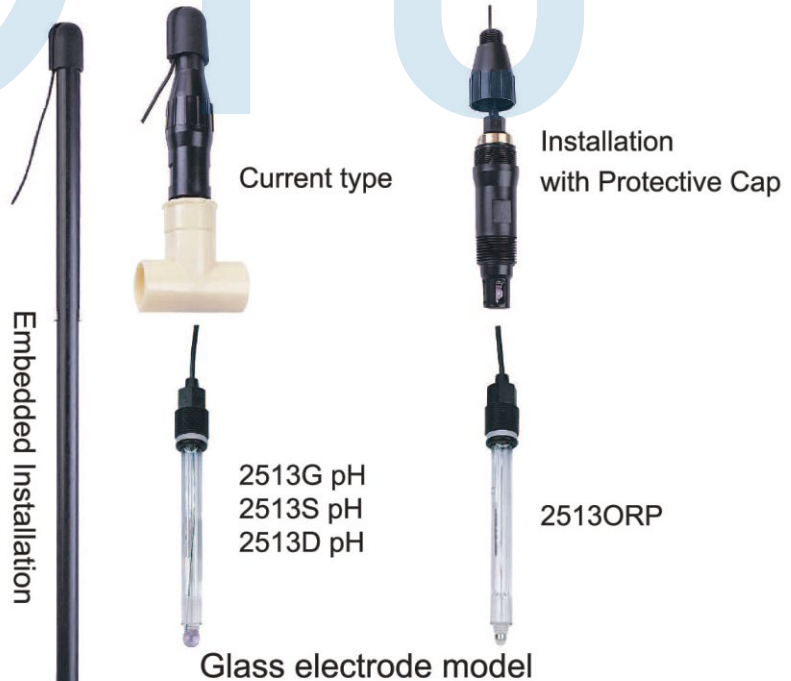
Model	Model 2615 pH electrode	Model 2615P pH electrode	Model 2615 ORP electrode
Range	0~14 pH	2~12 pH	±1500mV (Platinum ring)
Structure	Cricoid polytetrafluoroethylene junction, double junction reference electrode, gel electrolyte		
Material	PPS(polyphenylene sulfide) shell		
Thread	3/4 " NPT		
Temp. probe	Pt100、Pt1000 or thermistor as required		No
Ground electrode	Able to assemble		
Working temp.	(0~80) °C	(0~60) °C	(0~80) °C
Cable	5m~20m Low noise shielded cable, insert terminal		

Description	Range	Temperature	Bulb pH	Surface pH	Temp. electrode	Grounded electrode	
2615 pH electrode	0~14 pH	0~80°C	✓				
2615-T pH electrode			✓		✓		
2615-D pH electrode			✓				✓
2615-DT pH electrode			✓			✓	✓
2615P pH electrode	2~12pH	0~60°C		✓			
2615P-T pH electrode				✓	✓		
2615P-D pH electrode				✓			✓
2615P-DT pH electrode				✓		✓	✓
2615 ORP electrode	±1500mV	0~80°C					
2615D ORP electrode						✓	

Model HT2513 pH (ORP) Comb. Electrode

- Trinal combination electrode (measuring electrode, referenceelectrode and ground electrode), stronganti-interference.
- Glass grinded junction, stable junction potential.
- Capillary reference electrode with stable referencepotential.
- Able to dismantle the electrode supporting pole and protection cap, easy to install and clean.
- Gel electrolyte, no need to refill KCl solution.
- Standard Pg13.5 threaded electrode head
- Dimension for embedded electrode: ø33×1000 mm
- Dimension for current electrode: ø33×220 mm
- Dimension for glass electrode: ø12×155 mm
- Cable: L= 3~10 m(set by user)

Description	Range	Temperature	Applications
HT2513G pH electrode	0~14 pH	5~90°C	General industrial process
HT2513S pH electrode	0~10 pH	20~90°C	High temperature and strong acid
HT2513D pH electrode	2~12 pH	0~60°C	Low temperature and pure water
HT2513 ORP electrode	±1500mV	0~90°C	Industrial process



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