

pH/Ion Meter Series

Lead Series

PHSJ-6L
pH Meter

PXSJ-227L
pH/Ion Meter



- Bigger color touch screen with navigation operation;
- Smart operation system, support functions such as methods management, electrode management, calibration management, data management, user management etc.
- To support electrode management, up to 5pcs pH electrodes;
- To support Buffer group management, automatic identification of 25 kinds of buffer solutions, such as DIN and NIST. Up to six-point pH calibration;
- To support firm ware upgrade and contact with PC or auto sample;
- To support storing 100 sets of measurement methods and 1000 sets of results;
- To meet GLP norm;



Specification		Model	PHSJ-6L	PXSJ-227L
Parameters			pH, ORP, Temp.	pH, pX, ORP, Ion Concentration, Temp.
Range	pH/pX		(-2.000 ~ 20.000) pH	(-2.000 ~ 20.000)pH (0.000 ~ 14.000)pX
	mV		(-2000.00 ~ 2000.00) mV	(-1999.9 ~ 1999.9)mV
	Ion Concentration		/	(0 ~ 19990); Unit: pX, mol/L, mmol/L, g/L, mg/L, µg/L
	Temp.		(-5.0 ~ 130.0)°C	(-5.0 ~ 130.0) °C
Resolution	pH/pX		0.001pH	0.001pH/pX
	mV		0.01mV	0.01mV
	Ion Concentration		/	4 significant figures (scientific notation)
	Temp.		0.1°C	0.1°C
Basic Error	pH/pX		±0.002pH	±0.002pH/pX
	mV		±0.03%FS	±0.03% FS
	Ion Concentration		/	±0.3%
	Temp.		±0.1°C	±0.1°C
Calibration			Up to 6 points	Up to 6 points
Stability			±0.002pH/3h	(±0.002pH/pX) /3h
Power Supply			AC / DC Adapter Input:100-240V, 50/60Hz, 2.0A Output: 24V, 2.7A	AC / DC Adapter Input:100-240V, 50/60Hz, 2.0A Output: 24V, 2.7A
Dimension (mm)& Weight (kg)			370*305*330; 5	370*305*330; 5
Standard Configuration			Two-in-one pH combination electrode T-818-L ATC probe pH buffer	Two-in-one pH combination electrode T-818-L ATC probe pH buffer

pH/mV Meter Series



Famous Series

PHSJ-4F/3F Benchtop pH Meter

PXSJ-216F pH/Ion Benchtop Meter



- Three reading modes
- Smart-Read function
More stable the reading with auto recognition end-point
- Cont-Read function
It is clear to read the sample changing in measurement process
- Timed-Read function
Auto timed to store the reading
- Auto upgrade hardware
- Power-off protection, protect your data
- Remind the electrode performance and calibration

Model		PHSJ-4F	PHSJ-3F	PXSJ-216F
Specification				
Parameters		pH, ORP, Temp.	pH, ORP, Temp.	pH, pX, ORP, Ion Concentration
Range	pH/pX	(-2.000 ~ 20.000) pH	(-2.00 ~ 20.00) pH	(-2.000 ~ 20.000)pH (0.000 ~ 14.000)pX
	mV	(-1999.9 ~ 1999.9) mV	(-1999 ~ 1999)mV	(-1999.9 ~ 1999.9)mV
	Ion Concentration	/	/	(0 ~ 19990); Unit: pX, mol/L, mmol/L, g/L, mg/L, µg/L
	Temp.	(-5.0 ~ 110.0) °C	(-5.0 ~ 135.0) °C	(-5.0 ~ 110.0) °C
Resolution	pH/pX	0.001pH	0.01pH	0.001pH/pX
	mV	0.1mV	1mV	0.1mV
	Ion Concentration	/	/	4 significant figures (scientific notation)
	Temp.	0.1 °C	0.1 °C	0.1 °C
Basic Error	pH/pX	±0.002pH	±0.01pH	±0.002pH/pX
	mV	±0.03%FS	±0.1%FS	±0.03% FS
	Ion Concentration	/	/	±0.5%
	Temp.	±0.2 °C	±0.3 °C	±0.2 °C
Stability		±0.002pH/3h	0.01pH / 3h	(±0.002pX)/3h
Power Supply		AC/DC Adapter Input:100-240V, 50/60Hz 0.5A Output: 9V, 0.8A	AC/DC Adapter Input: 100-240V , 50/60Hz 0.5A Output: 9V, 0.8A	AC/DC Adapter Input: 100-240V , 50/60Hz 0.5A Output: 9V, 0.8A
Dimension (mm)& Weight (kg)		370*305*330; 5	370*305*330; 5	370*305*330; 5
Standard Configuration		Three-in-one combination pH electrode pH buffer	Three-in-one combination pH electrode pH buffer	PF-2-01Fluide ISE 232-01 Reference Electrode T-818-B-6 ATC Probe Stirrer

pH/mV Meter Series

PHS-3C/3E/2F

pH Meter

- Big LCD with back light.
- PHS-3E support auto temp compensation.



Model		PHS-3E	PHS-3C	PHS-2F
Specification Parameters		pH, ORP, Temp.	pH, ORP	pH, ORP
Range	pH	(0.00 ~ 14.00) pH	(0.00 ~ 14.00) pH	(0.00 ~ 14.00) pH
	mV	(-1999 ~ 1999) mV	(-1999 ~ 1999) mV	(-1400 ~ 1400) mV
	Temp.	(0.0 ~ 99.9)°C	/	/
Resolution	pH	0.01pH	0.01pH	0.01pH
	mV	1mV	1mV	1mV
	Temp.	0.1°C	/	/
Basic Error	pH	±0.01pH	±0.01pH	±0.01pH
	mV	±0.1%FS	±0.1%FS	±0.1%FS
	Temp.	±0.3°C	/	/
Calibration		Up to 2 points	Up to 2 points	Up to 2 points
Stability		(0.01pH±1 bit) / 3h	(0.01pH±1 bit) / 3h	(0.01pH±1 bit) / 3h
Power Supply		AC (220±22) V, (50±1) Hz	AC (220±22) V, (50±1) Hz	AC (220±22) V, (50±1) Hz
Dimension (mm) & Weight (kg)		350*280*190; 2.5	350*280*190; 2.5	350*280*190; 2.5
Standard Configuration		Three-in-one pH combination electrode pH buffer	Two-in-one pH combination electrode pH buffer	Two-in-one pH combination electrode pH buffer

Model		DWS-51
Specification Parameters		pNa, [Na ⁺]
Range	pNa	(0.00 ~ 9.00) pNa
	[Na ⁺]	(2.3×10 ⁻² ~ 2.3×10 ⁷) μg/L
Basic Error	pNa	±0.02pNa
	[Na ⁺]	±3% (Reading)
Calibration		Up to 2 points
Power Supply		AC (220±22) V, (50±1) Hz
Dimension (mm) & Weight (kg)		350*280*190 , 2.5
Standard Configuration		6801-01 pNa ISE 6802-01 Reference electrode

DWS-51 Sodium Analyzer



- Two-point calibration: Static and dynamic
- Static and dynamic measurement mode (match with model DWS-51-1 alkalizing device to realize dynamic measurement)

pH/Ion Meter Series

Portable

PHBJ-261L/260F
pH Meter

PXBJ-287L
Portable pH/Ion Meter



- To support TFT touch screen with colour and navigation bar;
- To support identification standard buffer;
- To support storing 2000 or 1000 measurement value with view function;
- To meet GLP norm;
- To support ID management;
- To support USB and Firmware Upgrade function
- Long Standby Time

Specification		Model	PHBJ-261L	PHBJ-260F	PXBJ-287L
Parameters			pH, ORP, Temp.	pH, ORP, Temp.	pH, pX, ORP, Ion Concentration Temp.
Range	pH/pX		(-2.000 ~ 20.000) pH	(-2.00 ~ 20.00) pH	(-2.000 ~ 20.000)pH (0.000 ~ 14.000)pX
	mV		(-2000.00 ~ 2000.00) mV	(-2000.0 ~ 2000.0)mV	(-2000.00 ~ 2000.00)mV (1.000e ⁻⁹ ~ 9.999e ⁻⁹);
	Ion Concentration		/	/	Unit: pX, mol/L, mmol/L, g/L, mg/L, µg/L
	Temp.		(-5.0 ~ 130.0)°C	(-5.0 ~ 105.0) °C	(-5.0 ~ 130.0) °C
Resolution	pH/pX		0.001pH, 0.01pH	0.01pH, 0.1pH	0.001pH/pX, 0.01pH/pX
	mV		0.01mV, 0.1mV	0.1mV, 1mV	0.01mV, 0.1mV
	Ion Concentration		/	/	4 significant figures (scientific notation)
	Temp.		0.1°C	0.1°C	0.1°C
Basic Error	pH/pX		±0.002pH	±0.01pH	±0.002pH/pX
	mV		±0.03% or ±0.1mV	±0.1% or ±0.5mV	±0.03% or ±0.1mV
	Ion Concentration		/	/	±0.3%
	Temp.		±0.1°C	±0.2°C	±0.1°C
Calibration			Up to 8 points	Up to 5 points	Up to 8 points
Stability			(±0.002pH)/3h	(±0.01pH)/3h	(±0.002pH/pX)/3h
Power Supply			Li-on (DC 3.8V)	Li-on (DC 3.8V)	Li-on (DC 3.8V)
Dimension (mm)& Weight (kg)			490*375*210; 5	490*375*210; 5	370*305*330; 5
Standard Configuration			Two-in-one pH combination electrode T-818-L ATC probe pH buffer	Two-in-one pH combination electrode T-818-L ATC probe pH buffer	Two-in-one pH combination electrode T-818-L ATC probe pH buffer

PHB-4 pH Portable Meter



Specification		Model	PHB-4
Parameters			pH, ORP
Range	pH		(0.00 ~ 14.00) pH
	mV		(-1400 ~ 1400) mV
Resolution	pH		0.01 pH
	mV		1 mV
Basic Error	pH		±0.03pH
	mV		±0.2%FS
Calibration			Up to 2 points
Stability			(±0.03pH ± 1 bit) /3h
Power Supply			Two AA batteries
Dimension (mm)& Weight (kg)			300*290*140; 1.5

Conductivity Meter Series

DDSJ-319L Conductivity Meter

Lead Series



- Conductivity measuring module
- Colour touch screen with navigation
- Measuring parameters: Conductivity, Resistivity, Total Dissolved Solid (TDS), Salinity and Temperature;
- Supports automatic recognition function of conductivity standard solution, default four kinds of GB buffer solution. It supports up to five-point calibration.
- Supports multiple conductive compensation modes, including pure water compensation.
- Supports multiple salinity compensation modes, including seawater salinity compensation.
- Supports intelligent frequency conversion, which can meet full range measurement with one electrode .
- Support USB and RS232 to connect with PC and Printer
- Support firmware upgrade
- Wide power supply: from 110V to 240V
- Option: SCH-01Auto sampler

Specification		Model	DDSJ-319L
Parameters		Conductivity, Resistivity, TDS, Salinity, Temp.	
Range	Conductivity	0.000 μ S/cm ~ 3000mS/cm	
	Resistivity	5.00 Ω · cm ~ 100.0M Ω · cm	
	TDS	0.000mg/L ~ 1000g/L	
	Salinity	(0.00 ~ 8.00) %	
	Temp.	(-5.0 ~ 135.0) °C	
Basic Error	Conductivity	$\pm 0.5\%$ FS	
	Resistivity	$\pm 0.5\%$ FS	
	TDS	$\pm 0.5\%$ FS	
	Salinity	$\pm 0.1\%$	
	Temp.	$\pm 0.1^{\circ}$ C	
Calibration		Up to 5 points	
Stability		$\pm 0.17\%$ (FS)/3h	
Temp. Compensation		Auto & Manu (0 ~ 50.0) $^{\circ}$ C	
Power Supply		AC / DC Adapter Input:100-240V, 50/60Hz, 2.0A Output: 24V, 2.7A	
Dimension (mm)& Weight (kg)		370*305*330; 5	
Standard Configuration		DJS-1-L Platinum black conductivity electrode T-818-L ATC probe	

Conductivity Meter Series

Famous Series **CE**

DDSJ-308F Conductivity Meter



- Direct displaying conductivity, resistivity, TDS and salinity
- Support calibration (constant or TDS factor, up to two point calibration)
- Power-off protection, protect your data
- Remind the electrode performance and calibration
- Auto upgrade hardware
- Support GLP norm: More complete checking the stored information
- Support view, print, delete stored data
 1. It can record, view and print calibration data.
 2. It can store measuring data(600 sets) which follows GLP norm.
 3. The meter requires setting operator No and records the all operating procedures.

Model		DDSJ-308F
Specification		
Parameters		Conductivity, Resistivity, TDS, Salinity, Temp.
Range	Conductivity	0.000 μ S/cm ~ 199.9mS/cm
	Resistivity	5.00 Ω · cm ~ 20.00M Ω · cm
	TDS	0.000mg/L ~ 1000g/L
	Salinity	(0.00 ~ 8.00) %
	Temp.	(-5.0 ~ 110.0) °C
Basic Error	Conductivity	±0.5%FS
	Resistivity	±0.5%FS
	TDS	±0.5%FS
	Salinity	±0.1%
	Temp.	±0.2°C
Calibration		Up to 3 points
Stability		±0.3% (FS)/3h
Temp. Compensation		Auto & Manu (0.0 ~ 50.0)°C
Power Supply		AC/DC Adapter Input:100-240V, 50/60Hz 0.5A Output: 9V, 0.8A
Dimension (mm)& Weight (kg)		370*305*330 ; 5
Standard Configuration		DJS-1D Platinum black conductivity electrode T-818-B-6 ATC probe

Conductivity Meter Series

Base-Model



DDS-307A/307 Conductivity Meter



- Large screen, LCD segmented display
- The default temperature compensation coefficient is 2%.
- With a titanium alloy electrode (K=0.01) and a sealing device, can measure ultrapure water.
- DDS-307A has Auto temperature compensation.

Model		DDS-307A	DDS-307
Specification			
Parameters		Conductivity, TDS, Temp	Conductivity
Range	Conductivity	0.00 μ S/cm ~ 100mS/cm	0.00 μ S/cm ~ 100mS/cm
	TDS	(0.000 ~ 1999) mg/L	/
	Temp.	(0.0 ~ 99.9) °C	/
Basic Error	Conductivity	$\pm 1.0\%$ FS	$\pm 1.0\%$ FS
	TDS	$\pm 1.0\%$ FS	/
	Temp.	$\pm 0.3^{\circ}$ C	/
Calibration		1 point	1 point
Stability		($\pm 0.33\%$ FS) /3h	($\pm 0.33\%$ FS) /3h
Temp. Compensation		Manu & Auto (0.0 ~ 40.0) °C	Manu (0.0 ~ 40.0) °C
Power supply		AC (220 \pm 22) V, (50 \pm 1) Hz	AC (220 \pm 22) V, (50 \pm 1) Hz
Dimension (mm)& Weight (kg)		350*280*190; 2.5	350*280*190; 2.5
Standard Configuration		DJS-1C Platinum black conductivity electrode T-818-B-6 ATC probe	DJS-1C Platinum black conductivity electrode

Conductivity Meter Series

Portable

DDBJ-351L/DDBJ-350F Conductivity Meter



Specification		DDBJ-351L	DDBJ-350F
Model			
Parameters		Conductivity, Resistivity, TDS, Salinity, Ash Content, Temp.	Conductivity, Resistivity, TDS, Salinity, Temp.
Range	Conductivity	0.000 μ S/cm ~ 3000mS/cm	0.000 μ S/cm ~ 1000mS/cm
	Resistivity	5.00 Ω · cm ~ 100.0M Ω · cm	5.00 Ω · cm ~ 100.0M Ω · cm
	TDS	0.000mg/L ~ 1000g/L	0.000mg/L ~ 300g/L
	Salinity	(0.00 ~ 8.00) %	(0.00 ~ 8.00) %
	Ash Content	(0.0000~100.00) %	/
	Temp.	(-5.0 ~ 130.0) °C	(-5.0 ~ 105.0) °C
Basic Error	Conductivity	± 0.5%FS	± 1.0%FS
	Resistivity	± 0.5%FS	± 1.0%FS
	TDS	± 0.5%FS	± 1.0%FS
	Salinity	± 0.01%	± 0.2%
	Ash Content	/	
	Temp.	± 0.1°C	± 0.2°C
Calibration		Up to 5 points	Up to 2 points
Stability		± 0.17% (FS)/3h	± 0.5% (FS)/3h
Temp. Compensation		Auto & Manu (0 ~ 50.0)°C	Auto & Manu (0 ~ 40.0)°C
Power Supply		Li-on (DC 3.8V)	Li-on (DC 3.8V)
Dimension (mm)& Weight (kg)		490*375*210; 5	490*375*210; 5
Standard Configuration		DJS-1-L Platinum black conductivity electrode,T-818-L ATC probe	DJS-1-L Platinum black conductivity electrode,T-818-L ATC probe

DDB-303A Portable Conductivity Meter

Specification	Model
	DDB-303A
Parameter	Conductivity
Range	0.00 μ S/cm ~ 100mS/cm
Basic Error	± 1.0%FS
Calibration	1 point
Temp. Compensation	Manu (15 ~ 35)°C
Stability	± 0.66% (FS) ± 1bit/3h
Power Supply	Two AA batteries
Dimension (mm)& Weight (kg)	300*290*140; 1.5
Standard Configuration	DJS-1C Platinum black conductivity electrode



Dissolved Oxygen Meter Series

Model JPSJ-606L Dissolved Oxygen Meter

Lead Series



Features:

- Bigger colour touch screen with lazy operation;
- To support measure dissolved oxygen concentration, dissolved oxygen saturation, dissolved oxygen current and temp;
- To support electrode management, up to 5pcs DO electrodes;
- To support Zero and full oxygen calibration; to support automatic barometric c pressure and temperature compensation; to support self-stirring DO electrode;
- To support 3 reading models: Smart-Read, Timed-Read, Cont-Read;
- To meet GLP norm;
- To support firm ware upgrade;
- To support USB and RS232 connection to PC and serial printer;
- Wide power supply from 110V to 240V

Specification		Model	JPSJ-606L
Parameters			DO, DO Saturation, Temp
Range	DO		(0.00 ~ 90.00) mg/L
	DO Saturation		(0.0 ~ 600.0) %
	Temp.		(-5.0 ~ 130.0) °C
Resolution	DO		0.01mg/L
	DO Saturation		0.1%
	Temp.		0.1°C
Basic Error	DO		±0.10mg/L
	DO Saturation		±2.0%
	Temp.		±0.1°C
Calibration			Zero and full calibration
Temp. Compensation			Auto & Manu (0.0 ~ 45.0) °C
Barometric Pressure			Auto/ Manu (60.0 ~ 110.0) kPa
Salinity Compensation			(0.0 ~ 50.0) g/L
Power Supply			AC / DC Adapter Input:100-240V, 50/60Hz, 2.0A Output: 24V, 2.7A
Dimension (mm)& Weight (kg)			370*305*330; 5
Standard Configuration			DO-958-L DO probe

Dissolved Oxygen Meter Series

Famous Series



JPSJ-605F Dissolved Oxygen Meter



- Three reading modes to meet different customer measuring needs. (Smart-Read mode, Continuous-Read mode, Timed-Read mode).
- More accuracy measurement with reminder the electrode performance and calibration
- Auto upgrade hardware: Complete and simple user's operation
- Support GLP norm: More complete checking the stored information
 1. The meter requires setting operator No and records the all operating procedures.
 2. It can record, view and print calibration data.
 3. It can store measuring data(500 sets) which follows GLP norm.
 4. Support view, print, delete stored data
- Large and light screen: displaying measurement value, temperature value, constant, measurement mode, operation date and time
- Auto temperature compensation
- Auto zero oxygen calibration and full scale calibration,
- Support barometric pressure calibration and salinity calibration
- Support USB
- Supports the function of power-off protection, protect your data

Specification		Model	JPSJ-605F
Parameters			DO, DO Saturation, Temp
Range	DO		(0.00 ~ 20.00) mg/L
	DO Saturation		(0.0 ~ 300.0) %
	Temp.		(-5.0 ~ 110.0) °C
Resolution	DO		0.01mg/L
	DO Saturation		0.1%
	Temp.		0.1°C
Basic Error	DO		±0.10mg/L
	DO Saturation		± 2.0%
	Temp.		±0.2°C
Calibration			Zero and full calibration
Temp. Compensation			Auto/ Manu (0.0 ~ 40.0) °C
Barometric Pressure			Manu (60.0 ~ 110.0) kPa
Salinity Compensation			Manu (0.0 ~ 40.0) g/L
Power Supply			AC/DC Adapter Input:100-240V, 50/60Hz 0.5A Output: 9V, 0.8A
Dimension (mm)& Weight (kg)			370*305*330; 5
Standard Configuration			DO-958-S DO probe

Dissolved Oxygen Meter Series

JPBJ-609L

Portable Dissolved Oxygen Meters



Portable Lead Series

- To support TFT touch screen with colour and navigation bar;
- To support measurement DO concentration, DO Saturation; DO current and temperature value;
- To support DO probe manage to five probes, to store 20 sets calibration data for every one DO probe;
- To support storing 2000 or 1000 measurement value with view function;
- To meet GLP norm;
- To support ID management;
- To support USB and Firmware Upgrade function
- Long Standby Time



JPB-607A

Dissolved Oxygen Portable Meter



Model		JPBJ-609L	JPB-607A
Specification Parameters		DO, DO Saturation, Temp.	DO, Temp.
Range	DO	(0.00 ~ 90.00) mg/L	(0.00 ~ 20.00) mg/L
	DO Saturation	(0.0 ~ 600.0) %	/
	Temp.	(-5.0 ~ 130.0) °C	(-5.0 ~ 40.0) °C
Resolution	DO	0.01mg/L	0.1mg/L
	DO Saturation	0.1%	/
	Temp.	0.1°C	0.1°C
Basic Error	DO	±0.10mg/L	±0.1mg/L
	DO Saturation	±2.0%	/
	Temp.	±0.1°C	±0.5°C
Calibration		Zero and full calibration	Zero and full calibration
Temp. Compensation		Auto/Manu (0.0 ~ 50.0) °C	Auto/Manu (0.0 ~ 40.0) °C
Barometric Pressure		Auto/ Manu (50.0 ~ 110.0) kPa	/
Salinity Compensation		Manu (0.0 ~ 50.0) g/L	Manu (0.0 ~ 35.0) g/L
Power Supply		Li-on (DC 3.8V)	Two AA Batteries
Dimension (mm)& Weight (kg)		490*375*210 ; 5	300*290*140; 1.5
Standard Configuration		DO-958-L DO probe	DO-957 probe



DZS-708L

Multi-Parameter Analyzer



Lead Series

- Bigger colour touch screen with lazy operation;
- Four-channel units design (pH/pX unit, conductive unit, DO unit) to support automatic identification, plug and play;
- To support electrode management, up to 25pcs electrodes;
- To support Buffer group management, automatic identification of 25 kinds of buffer solutions, such as DIN and NIST. Up to six-point pH calibration and up to 5 point conductivity calibration;
- To support ion concentration unit switch, such as ug/L, mg/L, g/L, mol/L, mmol/L;
- To measure 0-200ms/cm conductivity with one probe;
- To support firm ware upgrade and contact with PC or auto sample;
- Wide power supply from 110V to 240V



Specification			Model	DZS-708L		
				pH/pX Unit	Conductivity unit	DO unit
Parameters			pH/pX, ORP, Ion Conc., Temp	Conductivity, Resistivity, TDS, Salinity, Temp.	DO, DO Saturation, Temp.	
Range	pH/ pX	(-2.000 ~ 20.000) pH (0.000 ~ 14.000) pX	●	—	—	
	ORP	(-2000.00 ~ 2000.00) mV (0 ~ 19990) Unit: mol/L, mmol/L, g/L, mg/L, µg/L	●	—	—	
	Ion Concentration	0.000µS/cm ~ 3000mS/cm	●	—	—	
	Conductivity	5.00Ω.cm ~ 100.0MΩ.cm	—	●	—	
	Resistivity	0.000 mg/L ~ 1000g/L	—	●	—	
	TDS	(0.00 ~ 8.00) %	—	●	—	
	Salinity	(0.00 ~ 90.00) mg/L	—	—	●	
	DO	(0.0 ~ 600.0) %	—	—	●	
	DO Saturation	(-5.0 ~ 130.0) °C	●	—	—	
	Temp.					
Resolution	pH/ pX	0.001 pH/pX	●	—	—	
	ORP	0.01 mV	●	—	—	
	Ion Conc.	4 significant figures (scientific notation)	●	—	—	
	Conductivity	0.001µS/cm	—	●	—	
	Resistivity	0.01Ω · cm	—	●	—	
	TDS	0.001mg/L	—	●	—	
	Salinity	0.01%	—	●	—	
	DO	0.01mg/L	—	—	●	
	DO Saturation	0.1%	—	—	●	
	Temp.	0.1 °C	●	—	—	
Basic Error	pH/ pX	±0.002pH/pX	●	—	—	
	ORP	±0.03%FS	●	—	—	
	Ion Conc	±0.3%	●	—	—	
	Conductivity	±0.5% (FS)	—	●	—	
	Resistivity	±0.5% (FS)	—	●	—	
	TDS	±0.5% (FS)	—	●	—	
	Salinity	±0.1%	—	●	—	
	DO	±0.10mg/L	—	—	●	
	DO Saturation	±2.0%	—	—	●	
	Temp.	±0.1 °C	●	●	●	
Power Supply		AC / DC Adapter (Input:100-240V, 50/60Hz, 2.0A Output: 24V, 2.7A)				
Dimension (mm)& Weight (kg)		370*305*330, 5				
Standard Configuration		Two-in-one pH combination electrode, DJS-1-L Platinum black conductivity electrode, T-818-L ATC probe, DO-958-L DO probe, pH buffer				

Multi-parameter Analyzer Series

Base-Model



DZS-706

Multi-parameter Analyzer



Specification		Model
		DZS-706
Parameters		pH/ pX, Ion Concentration, ORP, Conductivity, Resistivity, TDS, Salinity, DO, DO Saturation, Temp.
Range	pH/pX	(-2.00 ~ 20.00) pH/pX
	ORP	(-1999.9 ~ 1999.9) mV
	Ion Conc.	(0 ~ 19990) , Unit: $\mu\text{g/L}$, mg/L , g/L , mol/L , mmol/L
	Conductivity	$0.000\mu\text{S/cm} \sim 199.9 \text{ mS/cm}$
	Resistivity	$5.00\Omega \cdot \text{cm} \sim 20.00\text{M}\Omega \cdot \text{cm}$
	TDS	$0.000 \text{ mg/L} \sim 100\text{g/L}$
	Salinity	(0.00 ~ 8.00) %
	DO	(0.00 ~ 19.99) mg/L
	DO Saturation	(0.0 ~ 199.9) %
	Temp.	(-5.0 ~ 105.0) $^{\circ}\text{C}$
Resolution	pH/ pX	0.01pH/pX
	ORP	0.1mV
	Conductivity	$0.001\mu\text{S/cm}$
	Resistivity	$0.01\Omega \cdot \text{cm}$
	TDS	0.001mg/L
	Salinity	0.01%
	DO	0.01mg/L
	DO Saturation	0.1%
Basic Error	Temp.	0.1°C
	pH/pX	$\pm 0.01\text{pH}$
	ORP	$\pm 0.1\%\text{FS}$
	Ion Conc.	$\pm 0.5\%$
	Conductivity	$\pm 1.0\%\text{FS}$
	Resistivity	$\pm 1.0\%\text{FS}$
	TDS	$\pm 1.0\%\text{FS}$
	Salinity	$\pm 0.2\%$
	DO	$\pm 0.10\text{mg/L}$
	DO Saturation	$\pm 2\%\text{FS}$
	Temp.	$\pm 0.2^{\circ}\text{C}$
Power Supply		AC/DC Adapter (Input:100-240V, 50/60Hz 0.5A Output: 9V, 0.8A)
Dimension (mm)& Weight (kg)		370*305*330; 5
Standard Configuration		Two-in-one pH Combination electrode DJS-1C Platinum black conductivity electrode DO-958-S DO probe T-818-B-6 ATC probe pH buffer

Multi-parameter Analyzer Series

DZB-718L Portable Multi-parameter Analyzer

CE Ptable



- Bigger colour touch screen with lazy operation;
- To support electrode management, up to 25pcs electrodes;
- To support Buffer group management, automatic identification of 25 kinds of buffer solutions, such as DIN, NIST, MERK, JIS. Up to 8 point pH calibration and up to 5 point conductivity calibration;
- To support ion concentration unit switch, such as ug/L, mg/L, g/L, mol/L, mmol/L;
- To support zero and full calibration, automatic and manual atmospheric pressure compensation;
- To support storing 1000 sets of measurement results;
- To meet GLP norm;
- To support firm ware upgrade and contact with PC or auto sample;

Specification			Model		
			DZB-718L		
			pH/pX Unit	Conductivity unit	DO unit
Parameters			pH/pX, ORP, Ion Conc., Temp	Conductivity, Resistivity, TDS, Salinity, Temp.	DO, DO Saturation, Temp.
Range	pH/ pX	(-2.000 ~ 20.000) pH (0.000 ~ 14.000) pX	●	—	—
	ORP	(-1999.99 ~ 1999.99) mV	●	—	—
	Ion Concentration	(0 ~ 19990) Unit: mol/L, mmol/L, g/L, mg/L, µg/L	●	—	—
	Conductivity	0.000µS/cm ~ 3000mS/cm	—	●	—
	Resistivity	5.00Ω.cm ~ 100.0MΩ.cm	—	●	—
	TDS	0.000 mg/L ~ 300g/L	—	●	—
	Salinity	(0.00 ~ 8.00) %	—	●	—
	DO	(0.00 ~ 99.99) mg/L	—	—	●
	DO Saturation	(0.0 ~ 600.0) %	—	—	●
	Temp.	(-5.0 ~ 130.0) °C	●	—	—
Resolution	pH/ pX	0.001 pH/pX; 0.01 pH /pX	●	—	—
	ORP	0.01 mV, 0.1mV	●	—	—
	Ion Conc.	5 significant figures (scientific notation)	●	—	—
	Conductivity	0.001µS/cm	—	●	—
	Resistivity	0.001Ω · cm	—	●	—
	TDS	0.001mg/L	—	●	—
	Salinity	0.01%	—	●	—
	DO	0.01mg/L	—	—	●
	DO Saturation	0.1%	—	—	●
Basic Error	Temp.	0.1 °C	●	—	—
	pH/ pX	±0.002pH/pX	●	—	—
	ORP	±0.1mV or ±0.03%	●	—	—
	Ion Conc	±0.3%	●	—	—
	Conductivity	±0.5% (FS)	—	●	—
	Resistivity	±0.5% (FS)	—	●	—
	TDS	±0.5% (FS)	—	●	—
	Salinity	±0.1%	—	●	—
	DO	±0.10mg/L	—	—	●
Power Supply	DO Saturation	±2.0%	—	—	●
	Temp.	±0.1 °C	●	●	●
Power Supply			Li-on (DC 3.8V)		
Dimension (mm)& Weight (kg)			490*375*210, 5		
Standard Configuration			Two-in-one pH combination electrode, Two-in-one combination fluorine electrode, DJS-1-L Platinum black conductivity electrode, T-818-L ATC probe, DO-958-L DO probe, pH buffer		

Multi-parameter Analyzer Series

Ptable Base-Model

DZB-712

Multi-parameter Analyzer



Specification		Model
		DZB-712
Parameters		pH/ pX, ORP, Conductivity, Resistivity, TDS, Salinity, DO, DO Saturation, Temp.
Range	pH/pX	(-2.00 ~ 20.00) pH/pX
	ORP	(-1999.9 ~ 1999.9) mV
	Ion Conc.	(0 ~ 19990) , Unit: µg/L, mg/L, g/L, mol/L, mmol/L
	Conductivity	0.000µS/cm ~ 200.0 mS/cm
	Resistivity	5.00Ω · cm ~ 20.00MΩ · cm
	TDS	0.000 mg/L ~ 100.0 g/L
	Salinity	(0.00 ~ 8.00) %
	DO	(0.00 ~ 19.99) mg/L
	DO Saturation	(0.0 ~ 199.9) %
	Temp.	(-5.0 ~ 135.0) °C
Resolution	pH/ pX	0.01pH/pX
	ORP	0.1mV
	Conductivity	0.001µS/cm
	Resistivity	0.01Ω · cm
	TDS	0.001mg/L
	Salinity	0.01%
	DO	0.01mg/L
	DO Saturation	0.1%
Basic Error	Temp.	0.1°C
	pH/pX	±0.01pH
	ORP	±0.1%FS
	Conductivity	±1.0%FS
	Resistivity	±1.0%FS
	TDS	±1.0%FS
	Salinity	±0.2%
	DO	±0.10mg/L
Power Supply	DO Saturation	±2%
	Temp.	±0.2°C
Power Supply		Four AA Batteries
Dimension (mm)& Weight (kg)		490*375*210; 5
Standard Configuration		Two-in-one pH combination electrode DJS-1CF Platinum black conductivity electrode DO-957F DO probe T-818-B-4F ATC probe pH buffer



Automatic titrator Series

ZDJ - 5B Series

Automatic titrator Main function

- ZDJ-5B
(Support potential titration)
- ZDJ-5B-D
(Support conductivity titration and potential titration)
- ZDJ-5B-Y
(Support dead-stop titration and potential titration)
- ZDJ-5B-G
(Support photometric titration and potential titration)



- 7 " color touch screen, navigational operation; Real-time display test methods, titration curve and measurement results;
- Contains one set of built-in burette pipeline, can develop to two sets of burette pipeline (optional, external);
- It is valve-burette integration that user can change directly, which reducing the problem of interference between different solutions in different titration. It supports various burettes 10ml, 20ml.
- Supports potential titration; Supports Pre-titration, Preseted Endpoint Titration (EPSeted Titration), Blank Titration, Constant Titration, Manual Titration, etc; Supports self-built dedicated mode;
- Supports acid and alkali titration, oxidation-reduction titration, precipitation titration, complexometric titration and non-aqueous titration with different kinds of electrodes. Supports users to create, edit, copy and consult titration method; Supports the pH measurement function;
- Support U disk, allow read-write of titration method and titration results.
- The meter has USB interface and RS-232 which can be connected to the computer. It is controlled by the professional software. It can display titration curve and its first and second derivatives on the computer. It can edit and modify the titration mode, and statistic.
- It can save 100 sets of titration methods.
- Data management function: it can store 100 sets titration methods, 200 sets of GLP titration results; It has statistical function, allows users to statistics, view, analyze and compare titration results.
- Supports Chinese and English Language; Supports user management functions, power protection function and self diagnosis function;
- Supports USB and RS232 connection to PC, two-way communication, supports USB plug and play, with special titration software;
- Automatic sampler can be connected directly to realize automatic measurement of batch samples.

<p>SCH-01 automatic sampler</p>	<p>Supporting ZDJ-5B series titrator, equipped with upper stirring electrode, easy mixing Continuous determination of 12 samples, volume range of the sample is 75-250 ml Automatic cleaning electrode, operators can set cleaning order independently Equipped with control system and operation interface, can set the conditions of continuous measuring sample by the main unit or automatic potential titrator host.</p>
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Automatic titrator Series

ZDJ - 5B Series

Automatic titrator Main function

Specification			Model	ZDJ-5B Series
Titration Device	Volumetric Titration Unit	Repeatability of titration analysis	0.2%	
		Allowable error of titration capacity	10ml Burette: $\pm 0.025\text{ml}$; 20ml Burette : $\pm 0.035\text{ml}$	
		Resolution of burette	10ml Burette : 1/20000; 20ml Burette : 1/10000	
		Resolution of drive	1/30000	
		Speed of infusion	(55 ± 10) s (When the burette is full scale)	
Measurement Device	Potential Titration (ZDJ-5B)	Range	(-1999.0 \sim 1999.0) mV, (0.00 \sim 14.00) pH	
		Resolution	0.1mV, 0.01pH	
		Basic error	pH: $\pm 0.01\text{pH}$ mV: $\pm 0.03\%\text{FS}$	
		Stability	($\pm 0.3\text{mV} \pm 1\text{bit}$) /3h	
	Conductivity Titration (ZDJ-5B-D)	Range	(0 \sim 1.999×10^5) $\mu\text{S/cm}$	
		Basic error	Less than $\pm 1.0\%$ (F.S)	
	Photometric Titration (ZDJ-5B-G)	Range	50 \sim 1500mV	
		Stability	$\pm 10\text{mV}/15\text{min}$	
	Dead-stop Titration (ZDJ-5B-Y)	Polarization voltage	100mV, 50mV, 30mV	
		Error of polarization voltage	$\pm 10\text{mV}$	
		Polarization current range	(0 \sim 199.9) μA , (0 \sim 19.99) μA , (0 \sim 1.999) μA , (0 \sim 0.199) μA	
		Error of polarization current	$\pm 2.5\%$ FS	
	Temperature Titration (ZDJ-5B-T)	Range	(0 \sim 60) $^{\circ}\text{C}$	
		Repeatability error	0.001 $^{\circ}\text{C}$	
	Temp. Compensation	Range	(-5.0 \sim 105.0) $^{\circ}\text{C}$	
		Resolution	0.1 $^{\circ}\text{C}$	
		Basic error	$\pm 0.3^{\circ}\text{C}$	
Power Supply			AC (220 \pm 22) V; (50 \pm 1) Hz	
Dimension (mm)& Weight (kg)			540*490*480; 13	
Standard Configuration			10mL Valve-Burette, 213-01 Platinum electrode, 216-01 Silver electrode, 231-01 pH electrode, 232-01 Reference electrode, 217-01 Reference electrode, T-818-B-6 ATC probe, DJS-1C Bright conductivity electrode (ZDJ-5B-D&ZDJ-5B-Y), T-828 ATC Probe (ZDJ-5B-T) pH buffer	

Automatic titrator Series

ZDJ-4B Auto Potential Titrator

- Large and bright screen
- Easy to change valve and burette for integration, avoid solution mutual interference
- Nice appearance for stirrer built-in the titrator
- Titration transmission device adopts linear motor Design
- With its anti leakage device



Specification			Model	ZDJ-4B
Titration Device	Volumetric Titration Unit	Repeatability of titration analysis	0.2%	
		Allowable error of titration capacity	10ml Burette: $\pm 0.025\text{ml}$; 20ml Burette: $\pm 0.035\text{ml}$	
		Resolution of burette	10ml Burette: 1/10000; 20ml Burette: 2/10000	
		Speed of infusion	(55 \pm 10) s (When the burette is full scale)	
Measurement Device	Potential Titration	Range	(-1800.0 \sim 1800.0) mV (0.00 \sim 14.00) pH	
		Resolution	0.1mV, 0.01pH	
		Basic error	pH: $\pm 0.01\text{pH}$ mV: $\pm 0.03\%\text{FS}$	
		Stability	($\pm 0.3\text{mV} \pm 1\text{bit}$) /3h	
	Temp. Compensation	Range	(-5.0 \sim 105.0) $^{\circ}\text{C}$	
		Resolution	0.1 $^{\circ}\text{C}$	
		Basic error	$\pm 0.3^{\circ}\text{C}$	
Power Supply			AC(220 \pm 22)V; (50 \pm 1) Hz	
Dimension (mm)& Weight (kg)			540*490*480; 13	
Standard Configuration			10mL Valve-burette, 213-01 Platinum electrode, 216-01 Silver electrode, 231-01 pH electrode, 232-01 Reference electrode,217-01 Reference electrode, T-818-B-6 ATC probe pH buffer	

Automatic titrator Series

ZDJ-4A Auto Potential Titrator



- LCD display and English operation interface which can show measuring parameters and results.
- It has pre-titration, preset endpoint titration, blank titration or manual titration functions. It can form specific titration modes according to the user's habit.
- There are several different titration modes with different sensors: acid base titration, redox titration, precipitation titration, complexometry titration and non-aqueous titration.
- The stirring system adopts PWM modulation technique and applies software to reduce the noise.
- It has RS-232 communication port and can be connected with TP-16 printer to print measuring data, titration curve and calculation results.
- Specific Rex titration software can be used to connect with PC and the results can be shown on the screen. Also, the titration modes can be edited and modified for remote control and calculation of several statistics.
- The titrator adopts the specific material which is against perchloric acid corrosion and can conduct several titration reactions.

Specification			Model	ZDJ-4A
Titration Device	Volumetric Titration Unit	Repeatability of titration analysis	0.2%	
		Allowable error of titration capacity	10ml Burette: $\pm 0.025\text{ml}$; 20ml Burette: $\pm 0.035\text{ml}$	
		Resolution of burette	10ml Burette: 1/10000; 20ml Burette: 2/10000	
		Speed of infusion	(55 \pm 10) s (When the burette is full scale)	
Measurement Device	Potential Titration	Range	(-1800.0 \sim 1800.0) mV (0.00 \sim 14.00) pH	
		Resolution	0.1mV, 0.01pH	
		Basic error	pH: $\pm 0.01\text{pH}$ mV: $\pm 0.03\%\text{FS}$	
		Stability	($\pm 0.3\text{mV} \pm 1\text{bit}$) /3h	
	Temp. Compensation	Range	(-5.0 \sim 105.0) $^{\circ}\text{C}$	
		Resolution	0.1 $^{\circ}\text{C}$	
		Basic error	$\pm 0.3^{\circ}\text{C}$	
Power Supply			AC(220 \pm 22)V; (50 \pm 1) Hz	
Dimension (mm)& Weight (kg)			540*490*480; 13	
Standard Configuration			10mL Burette, Two-in-one pH combination electrode, 213-01 Platinum electrode, 216-01 Silver electrode, 231-01 pH electrode, 232-01 Reference electrode, 217-01 Reference electrode, pH buffer	

Karl Fischer Titrator Series

KLS-411

Karl Fischer Coulometer

- Large screen LCD display.
- Coulometry method, adopt non-membrane electrode, it is suitable for most of the samples, especially moisture measurement of polluting samples.
- Has shift end point control function, can automatically determine the shift caused by leakage of trace moisture.
- The reagent is a new-type Lei-ci K-F reagent, which is low toxic, less polluting and multi-use disposable.



Model	KLS-411
Specification	
Range	10 μ g ~ 20mg
Electrolysis Current	10mA, 20 mA, 50 mA, 100 mA
Error of Polarization Current	± 0.2 mA
Basic Error of Electrolytic Current	$\pm 0.5\%$ (Reading)
Indication Error	$\pm (5\% \text{ Verification point } +3) \mu\text{g}$
Repeatability	Less than 3%
Power Supply	(220 \pm 22)V, (50 \pm 1)Hz
Dimension (mm)& Weight (kg)	490*410*300; 5
Standard Configuration	JB-11 stirrer, Electrolysis electrode, Indicator electrode

ZD-2

Auto Potential Titrator



- It can control titration endpoint according to preset potential.
- It can pre-control potential adjustment.
- It adopts solenoid valve for controlling dropping liquid.
- It has manual, automatic and constant pH (potential) titration modes.
- It is equipped with delay circuit of titration endpoint.
- It is suitable for potential titration for laboratory volumetric analysis.
- It is equipped with JB-1A stirrer.

Model	ZD-2
Parameters	mV(ORP)/pH
Measuring Range	± 1400 mV, 0.00~14.00 pH
Resolution	1mV, 0.01pH
Accuracy	± 5 mV, ± 0.03 pH ± 1 bit
Control Titration Sensitive	± 5 mV, ± 0.1 pH
Stability	± 0.01 pH/3h
Display	LCD
Power	AC(220 \pm 22)V; (50 \pm 1)Hz
Dimension & Weight	490*410*300mm, 5kg

Karl Fischer Titrator Series

ZDY-502

Volumetric Karl Fischer Titrator

- Non-polluting analytic measurement process; Prevent leakage device and prevent suck-back waste device; Automatic inflow and outflow solution, and automatic mixture of KF reagent, which can prevent users from touching KF reagent directly and makes the operation secure and convenient.
- Several titrating modes to meet analysis of different sample: Pre-titration, Auto-titration, Manual titration, Constant titration, KF titer titration, etc.
- Conversational operation, complete the setup and operation of titration easily.
- Convenient automation titration system
 - a.Valve-burette integration design, which is easy replacement and effectively avoid interferences between different solutions in different titration.
 - b.It can set system time, operator No., burette type, burette coefficient, stirrer speed, output types, etc.
 - c.Titration end-point reminder.
- Firmware upgrades function which can reduce your titration cost.
- Control methods of titrator: dot matrix LCD, Key operation, simultaneously or respectively control through computer software
- Live display related test methods and measuring results.
- Several titrating modes: Pre-titration, Auto-titration, Manual titration, Constant titration, KF titer titration, etc.
- Automatic inflow and outflow solution, and automatic mixture of KF reagent, which can prevent users from touching KF reagent directly and makes the operation secure and convenient.
- Titrating solution overflow protection
- It has detecting and reminding functions of KF reagent failure
- USB and RS-232 printing interface. Realize communication through special titrating software by connecting computer.



ZDY-501

Moisture Analyzer (Volumetry)



Model	ZDY-502	ZDY-501
Specification		
Range	0.1mg ~ 250mg	0.1mg ~ 250mg
Resolution	0.1mg	± 3%
Accuracy of Polarization Current	1μA ± 0.2μA; 50μA ± 10μA;	1μA
Repeatability of Titration Analysis	± 0.5%	40 ~ 120mV
Power Supply	(220 ± 22) V, (50 ± 1) Hz	(5 ~ 30) °C
Dimension (mm)& Weight (kg)	540*490*480; 10	(220 ± 22) V, (50 ± 1) Hz
Standard Configuration	10mL Burette, Solid cup measuring device	280×210×120; 5

Environmental Protection Analyzer Series

COD Analyzer

COD-571

- LCD liquid crystal display, simple operation
- Potassium dichromate colorimetric method, LED light source, long service life
- To support display COD value directly
- To meet GLP norms
- To meet GLP norms, can save 200 sets data
- To support USB connection to PC and data collection
- Power-off protection function



COD-571-1

- Digestion temperature: 100~165 °C , with over-temperature alarm device
- Digestion time: 0~120 min, auto stop when the reaction ends
- Simultaneous digestion of 21 samples, low energy consumption
- Compact structure, sealed reflux digestion

Specification	Model	COD-571
Range		(0 ~ 150) mg/L, (0 ~ 1500) mg/L
Basic Error		±8%
Repeatability		3%
Stability		6mg/L/20min
Power Supply		AC(220±22) V, (50±1)Hz
Dimension (mm)& Weight (kg)		COD-571: 370*305*330; 4 COD-571-1: 575*435*285; 5
Standard Configuration		COD-571-1 Digester (including digestion test tubes); Cuvette

Environmental Protection Analyzer Series

DGB-401/401-1

Water Quality Multi-parameter Meter



- Temperature: 0-190 °C
- Accuracy: $\leq \pm 2$ °C
- Small size, meet the needs of mobile use
- Simultaneous digestion of 6 samples
- Several ways of power supply: 220v, Car cigarette lighter, High energy battery (Optional)

Model		DGB-401
Specification		
Wave Length		420nm; 470nm; 620nm; 700nm
Range	Ammonia nitrogen	(0.000 ~ 4.000) mg/L, extend to (0.000 ~ 300.00) mg/L
	Low COD	(0.0 ~ 150.0) mg/L
	High COD	(150 ~ 1500) mg/L
	Total phosphorus	(0.000 ~ 1.000) mg/L, extend to (0.000 ~ 25.00) mg/L
Basic Error	Ammonia nitrogen	$\pm 10\%$
	Low COD	$\pm 8\%$
	High COD	$\pm 8\%$
	Total phosphorus	$\pm 10\%$
Repeatability	Ammonia nitrogen	$\pm 3\%$
	Low COD	$\pm 3\%$
	High COD	$\pm 3\%$
	Total phosphorus	$\pm 3\%$
Stability	Ammonia nitrogen	0.200mg/L/20min
	Low COD	6mg/L/20min
	High COD	6mg/L/20min
	Total phosphorus	0.050mg/L/20min
Power supply		Four AA batteries; USB
Dimension (mm)& Weight (kg)		490*375*210; 4
Standard Configuration		DGB-401-1 Portable digester, Digestion tube, Reagents

Environmental Protection Analyzer Series

DGB-403F

Residual Chlorine/Chlorine Dioxide Analyzer

- LED light, Long lifetime; High precision
- Use high performance low power consumption single-chip technology, friendly man-machine interface
- To support one-point and multi-point calibration, user can edit the calibration curve
- Each measurement item can store 200 sets of results, GLP norms
- To support USB communication, data collection by connecting with PC
- To support battery and USB power supply; support power management function
- IP65, good Waterproof and Dustproof
- To support firmware update function and restore factory defaults function



Model \ Parameter	DGB-403F
Light Source	LED, 515nm
Range	Residual Chlorine/Total Chlorine: (0.00~5.00) mg/L Chlorine Dioxide: (0.00~10.00) mg/L
Resolution	Concentration: 0.001mg/L Absorbance: 0.001ABS
Display Error	Residual Chlorine/Total Chlorine: $\leq 1\text{mg/L}$: $\pm 0.05\text{mg/L}$; $> 1\text{mg/L}$: $\pm 5\%$ Chlorine Dioxide: $\leq 2\text{mg/L}$: $\pm 0.10\text{mg/L}$; $> 2\text{mg/L}$: $\pm 5\%$
Detection Limit	Residual Chlorine/Total Chlorine: $\leq 0.02\text{mg/L}$ Chlorine Dioxide: $\leq 0.04\text{mg/L}$
Power Supply	Four AA batteries (1.5V), USB
Protection Level	IP65
Dimension (mm)& Weight (kg)	490*375*210; 4
Standard Configuration	Residual chlorine/total chlorine/chlorine dioxide reagent bag; Residual chlorine calibration reagent bag; Colorimetric tube

WZS-188 Turbidimeter

- To meet USEPA 180.1 standard with Tungsten light source
- To support zero adjustment and up to 7 points calibration
- Automatic range switch
- To support the average measurement function
- To meet GLP norms, to support data access and deletion, can save 1000 sets data
- To support USB and 232 connection to PC and serial printer



WZS-185A Turbidimeter

- To meet ISO 7027 standard with LED light source
- Automatic range switch
- To support zero calibration and Multi-point calibration
- To support the average measurement function
- To meet GLP norms, to support data access and deletion, can save 2000 sets data
- To support USB connection to PC and serial printer
- Power-off protection function



Model	WZS-188	WZS-185A
Specification		
Range	(0.000 ~ 20.00) NTU (20.01 ~ 200.0) NTU (200.1~2000) NTU (2001~4000) NTU	(0 ~ 20.00) NTU (20.0 ~ 200.0) NTU (200~1000)NTU
Indication Error	≤ ± 6%	≤ ± 6%
Repeatability	≤ ± 0.5%	≤ ± 0.5%
Stability	≤ ± 0.5% FS/30min	≤ ± 0.5% FS/30min
Calibration	Up to 7 points	Up to 6 points
Power supply	AC(220±22)V,(50±1) Hz	AC(220±22)V, (50±1) Hz
Dimension (mm)& Weight (kg)	370*305*330,5	370*305**330, 4
Standard Configuration	Turbidity bottle, 400NTU Turbidity Calibration solution	Turbidity bottle, 400 NTU Turbidity Calibration solution

WZB-175

Portable Turbidimeter

- To meet ISO 7027 standard with LED light source
- Automatic range switch, automatic zero set
- To support the average measurement function
- To meet GLP norms, can save 2000 sets data
- To support USB connection to PC and data collection
- Supply turbidity calibration solution



WZB-170

Portable Turbidimeter

- To meet ISO 7027 standard with LED light source
- Automatic range switch and zero set
- To support automatic power off

Model	WZB-175	WZB-170
Specification		
Range	(0 ~ 20.00)NTU, (20.0 ~ 200.0)NTU, (200~1000)NTU,	(0 ~ 20.00)NTU, (20.0 ~ 200.0)NTU,
Indication Error	± 6%	± 8%
Repeatability	± 0.5%	± 1.0%
Zero Drift	± 0.5% FS/30min	± 0.5% FS/30min
Stability	± 0.5% FS/30min	± 1.0% FS/30min
Calibration	Up to 6 points	Up to 3 points
IP Grade	IP 65	IP 65
Power Supply	Four AA batteries and USB	Four AA batteries and USB
Dimension (mm)& Weight (kg)	490*375*210; 4	490*375*210; 4
Standard Configuration	Turbidity bottle, 400NTU Turbidity Calibration solution	Turbidity bottle

Laboratory Water Purification System

UPW series

Laboratory Water Purification System

Models of complete, meeting different demands

- Integrated design, water supply to use
- Easy pipe connection
- Double column longer filter, longer service life.
- Sensor real-time monitoring, to ensure stable water quality
- LCD real-time display information of water quality and water information.
- Support water quality alarm and leakage alarm.

[Main Features]

- Built-in pretreatment column

Contains activated carbon filter, could effectively remove free active chlorine from source water;

Contains PP cotton filter, could effectively remove impurities such as solid particles and protect the RO membrane from blocked;

Built-in pretreatment column, save spaces, it is more convenient to use.

- High performance of reverse osmosis membrane

To meet different needs, there is a variety of membrane forms can be selected, such as single membrane, double membrane, two-stage reverse osmosis membrane etc. ;

Using high-performance Dow reverse osmosis membrane, which can effectively remove inorganic ions, bacteria, and solid particles, long service life.

- Purification column / Ultrapure column

Double column design, large volume of resin filling, long service life;

Purification column adopts high quality precision resin, high exchange efficiency and stable water quality.

Ultrapure column adopts nuclear grade polishing resin, higher exchange efficiency, preparation of 18.2 M Ω . cm ultrapure water.

- High power single/double wave UV lamp

Single wave UV lamp (254 nm), kills bacteria and other microorganisms, improving the water quality while preventing microbes breeding.

Double wave UV lamp (185 nm and 254 nm), kills bacteria and other microorganisms while effectively degrading organic matter and reducing the TOC content.

- Conductivity sensor

Equipped with three sets of conductivity sensors, containing one set of special conductivity sensor (with temperature compensation function and the electrode constant is 0.01) for pure water system, comprehensive monitoring the operation of the pure water system and water quality change.

- Built-in pressure tank

Reduce the laboratory space usage while improving the system efficiency of water purification system .

- Front filter

0.22 μ m membrane filter, remove remaining trace impurities in source water and removal process, further improve water quality.

- Leakage protection

With leakage detection sensor, under emergency situations, it can automatic alarm and adjust the instrument into standby mode.



Laboratory Water Purification System

UPW series

Laboratory Water Purification System

UPW-N Series (Ultra-pure water)			
Model	UPW-N15UV	UPW-N30UV	UPW-N2-15UV
Inlet water quality	Tap water (conductivity < 400 μs/cm)		
Inlet water temperature	5-40℃		
Inlet water pressure	0.1-0.5 Mpa		
Outlet water quality	Pure water, ultra-pure water		
Pure water indicators			
Water production rate	15 L/h	30 L/h	15 L/h
Conductivity	<20 μs/cm		<5 μs/cm
Desalination rate	95-99%		>99%
Bacteria removal rate	>99%		
Ultra-pure water indicators			
Resistivity of 25℃	18.2 MΩ		
Conductivity of 25 ℃	0.055 μs/cm		
Output	1.5-2 L/min		
TOC	<10 ppb		
Particulate (≥0.22μm)	<1 pc/ml		
Bacteria	<1 cfu/ml		
Dimension (mm),Weight(kg)	640*495*605,45kg		

UPW-H Series (High purity water)			
Model	UPW-H15	UPW-H30	UPW-H2-15
Inlet water quality	Tap water (conductivity<400 μs/cm)		
Inlet water temperature	5-40℃		
Inlet water pressure	0.1-0.5 Mpa		
Outlet water quality	Pure water, High purity water		
Pure water indicators			
Water production rate	15 L/h	30 L/h	15 L/h
Conductivity	<20 μs/cm		<5 μs/cm
Desalination rate	95-99%		>99%
Bacteria removal rate	>99%		
High pure water indicators			
Resistivity of 25℃	>10 MΩ		
Output	>99%		
TOC	<30 ppb		
Particulate (≥0.22μm)	<1 pc/ml		
Bacteria	<1 cfu/ml		
Dimension (mm),Weight(kg)	640*495*605,45kg		

Laboratory Water Purification System

UPW series

Laboratory Water Purification System

UPW-P Series (Ultra-pure water)	
Model	UPW-P
Inlet water quality	Tap water (conductivity<20 $\mu\text{S}/\text{cm}$)
Inlet water temperature	5-40°C
Inlet water pressure	-
Outlet water quality	Ultra-pure water
Ultra-pure water indicators	
Resistivity of 25°C	18.2 M Ω
Conductivity of 25 °C	0.055 $\mu\text{S}/\text{cm}$
Output	1.5-2 L/min
TOC	<10 ppb
Particulate($\geq 0.22\mu\text{m}$)	<1 pc/ml
Bacteria	<1 cfu/ml
Dimension (mm),Weight(kg)	640*495*605,45kg

UPW-R Series (Pure water)				
Model	UPW-R15		UPW-R30	UPW-R2-15
Inlet water quality		Tap water (conductivity<400 μs/cm)		
Inlet water temperature		5-40℃		
Inlet water pressure		0.1-0.5 Mpa		
Outlet water quality		Pure water		
Pure water indicators				
Water production rate	15 L/h	30 L/h	15 L/h	
Conductivity	<20 μs/cm		<5 μs/cm	
Desalination rate	95-99%		>99%	
Bacteria removal rate	>99%			
Dimension (mm),Weight(kg)		640*495*605,45kg		