



ION Tester-F30

Fluoride ions (F⁻) Fluoride ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.02 mg/L (ppm) -20000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910F).



Measuring range	0.02 ppm - 20000 ppm
Resolution	0.01, 0.1, 1
Accuracy	±0.01
Interfere	OH ⁻
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted fluoride standard solution
pH range	5-8 pH
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	Sand core double salt bridge, solid gel, stable and pollution resistant
Material	ABS+PVC
Application	drinking water; Wastewater; Surface water; air Gas; Acid; Seawater; Ore; Soil; Food; Biological fluids; Fluoride in toothpaste
Unit selection	mg/L, ppm, ppb, g/L, mmol/L, %
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0.0, 1, 1, 10, 100, 1000, 10000, 100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910F)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 -40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-CL30

Chloride ions (Cl^-) Chloride ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 1 mg/L (ppm) -35500 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910CL).

Measuring range	1 ppm - 35,500 ppm
Resolution	0.01, 0.1, 1
Accuracy	±0.01
Interfere	S^{2-} , I^- , CN^- , Br^-
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted chlorine standard solution
pH range	2-12 pH
Output Impedance	20-50MΩ
Maintenance and cleaning	Polishing tape polishing, deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Rivers, tap water plant tissues, soil, boiler water, blood electrolytes/clinical analysis, biological fluids, cement, electroplating, food
Unit selection	mg/L, ppm, ppb, g/L, mmol/L, %
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0.0, 1, 10, 100, 1000, 10000, 100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910Cl)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH^-	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S^{2-} , I^- , CN^- , Br^-	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K^+	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO_2 , SO_2 , HF , CH_3COOLi , etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO_4^- , I^- , CN^- , BF_4^- , Cl^- , NO_2^-	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F^+ , Cl^- , NO_3^- , SO_3^-	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs^+ , NH_4^+	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag^+ , Li^+ , H^+	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb^{2+} , Hg^{2+} , Cu^{2+} , Ni^{2+}	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg^{2+} & Ag^+ ; Fe^{2+} , Br^- , Cl^-	Copper nitrate: 3.801 g/L



ION Tester-NH430

Ammonium (NH₄⁺) Ammonium ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.1 mg/L (ppm) -18000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910NH4).

Measuring range	0.1 ppm -18000 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	potassium ion
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted ammonium standard solution;
pH range	4-10 pH
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Boiler water, surface water, fertilizer
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Interchangeable electrode (CS6910NH4+)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁻ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-NO330

Nitrate (NO₃⁻) Nitrate ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.5 mg/L (ppm) -62000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910NO3).

Measuring range	0.5 ppm –62,000 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted nitrate standard solution
pH range	2.5-11pH
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	drinking water; Wastewater; Surface water; Seawater; Ore; Soil; Food; Boiler circulating water
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910NO3)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 –20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 –35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 –18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 –17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 –220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 –62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 –2200	2-12	Acetate radical, F ⁻ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 –98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	Ca230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801g/L

ION Tester-NH330

$\text{NH}_4^+/\text{NH}_3$ Ammonium ion/ammonia concentration tester

Measurement principle: Ammonium ions (NH_4^+) are stored in an alkaline aqueous solution and can be converted into ammonia gas (NH_3) at a specific partial pressure by alkalization. After a specific partial pressure of ammonia (NH_3) diffuses into the sensor, a specific pH value is formed. The change in pH value can be converted to the concentration of ammonium ions.

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.01 mg/L (ppm) -17000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6912NH3).



Measuring range	0.01ppm -17000 ppm NH_3
Resolution	0.01,0.1,1
Accuracy	± 0.01
Interfere	Volatile amine
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in ammonia solution;
pH range	>11 pH
Output Impedance	20-50M Ω
Maintenance and cleaning	Adjust pH>11 with diluted ammonia standard solution
Reference electrode	Replace the electrode membrane cap as needed
Material	ABS+PVC
Membrane head	The membrane head can be replaced
Application	High purity water from power plants, fish pond water, seawater, wastewater, electroplating, biological samples.
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6912NH3)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH^-	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S^{2-} , I $^-$, CN $^-$, Br $^-$	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K^+	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO_2 , SO_2 , HF, CH_3COOLi , etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO_4^- , I $^-$, CN $^-$, BF_4^- , Cl^- , NO_2^-	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F^+ , Cl^- , NO_3^- , SO_3^-	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs^+ , NH_4^+	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag^+ , Li^+ , H^+	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb^{2+} , Hg^{2+} , Cu^{2+} , Ni^{2+}	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg^{2+} & Ag^+ ; Fe^{2+} , Br^- , Cl^-	Copper nitrate: 3.801 g/L

ION Tester-NO_x30

Nitrogen Oxide (NO_x) Nitrogen oxide concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.2 mg/L (ppm) -220 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6912NO2).



Measuring range	0.2 ppm -220 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	CO ₂ , SO ₂ , HF, Acetic acid, etc
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in oxidized ammonia seawater
pH range	1.1-1.7
Output Impedance	20-50MΩ
Maintenance and cleaning	Adjust the pH value with diluted nitrogen oxide standard solution
Reference electrode	Replace the electrode membrane cap as needed
Material	ABS+PVC
Membrane head	The membrane head can be replaced
Application	High purity water from power plants, fish pond water, seawater, wastewater, electroplating, biological samples.
Unit selection	mg/L, ppm, ppb, g/L, mmol/L, %
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6912NO2)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L

ION Tester-CO230

Carbon Dioxide (CO₂) Carbon dioxide concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 10 mg/L (ppm) -100000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6912CO2).



Measuring range	10 ppm -100000ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	Volatile weak acid
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: Store in carbon dioxide aqueous solution and add ISA
pH range	4.8-5.2
Output Impedance	20-50MΩ
Maintenance and cleaning	Using diluted carbon dioxide standard solution,
Reference electrode	Adjust the pH to 4.8-5.2 and replace the electrode membrane as needed
Material	ABS+PVC
Membrane head	The membrane head can be replaced
Application	Soft drinks, wine, fermentation
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6912CO2)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH-	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 -40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-NO230

Nitrite (NO₂⁻) Nitrite ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 10 mg/L (ppm) - 2200 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910NO2).



Measuring range	10 ppm –2200 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻
Response speed	30 seconds to reach 90% response
Storage	Long term: dry storage; Short term: stored in diluted sodium nitrite standard solution
pH range	2-12
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Monitoring of Air Quality and Accumulated Cargo
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910NO2)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 –20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 –35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 –18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 –17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 –220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 –62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 –2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 –98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-CA230

Calcium (Ca²⁺) Calcium ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.2 mg/L (ppm) - 40000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910CA2).

Measuring range	0.2 ppm - 40,000 ppm
Resolution	0.01, 0.1, 1
Accuracy	±0.01
Interfere	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted calcium standard solution
pH range	3 - 10 pH
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Mineral water, drinking water; Industrial circulating water; Wastewater; Surface water; Seawater; Ore; Soil; Food; Biological fluids, clinical analysis of blood, etc
Unit selection	mg/L, ppm, ppb, g/L, mmol/L, %
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0.0, 1, 10, 100, 1000, 10000, 100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910CA2)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g



	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 - 20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 - 35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 - 18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 - 17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 - 220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 376777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 - 62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 - 2200	2-12	Acetate radical, F ⁻ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ²⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 - 98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-K30

Potassium(K⁺) Potassium ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.7 mg/L (ppm) -98000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910K).

Measuring range	0.7 ppm - 98,000 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	CS ⁺ ,NH ₄ ⁺
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted potassium standard solution
pH range	2-12 pH
Output Impedance	20-50MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Mineral water, drinking water; Industrial circulating water; Wastewater; Surface water; Seawater; Ore; Soil; Food; Biological fluids, clinical analysis of blood, etc
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910K)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	CS ⁺ ,NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-NA30

Sodium (Na⁺) Sodium ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.02 mg/L (ppm) -100000 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910NA).



Measuring range	0.02 ppm -100,000 ppm
Resolution	0.01,0.1,1
Accuracy	±0.01
Interfere	Ag ⁺ , Li ⁺ , H ⁺
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in 1M sodium standard solution
pH range	5-12 pH and sodium concentration are related
Output Impedance	300-500MΩ
Maintenance and cleaning	deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Mineral water, drinking water; Industrial circulating water; Wastewater; Surface water; Seawater; Ore; Soil; Food; Biological fluids, clinical analysis of blood, etc
Unit selection	mg/L,ppm,ppb,g/L,mmol/L,%
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0,0.1,1,10,100,1000,10000,100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910NA)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 -20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 -35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 -18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 -17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 -220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 -62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 -2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 -98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L



ION Tester-CU230

Copper (Cu²⁺) Copper ion concentration tester

Lightweight and waterproof, test upon startup, with accurate readings.

Range: 0.064 mg/L (ppm) - 6400 mg/L (ppm).

Choose the measurement unit and mix it with standard solution,

Up to any three point calibration, automatic or manual potential input calibration.

Clear dot matrix screen with potential display and temperature display.

User replaceable electrode (CS6910CU2).

Measuring range	0.064 ppm - 6,400 ppm
Resolution	0.01, 0.1, 1
Accuracy	±0.01
Interfere	Hg ²⁺ , Ag ⁺ , Fe ²⁺ , Br ⁻ , Cl ⁻
Response speed	Achieve 95% response in 30 seconds
Storage	Long term: dry storage; Short term: stored in diluted copper standard solution
pH range	2 - 6
Output Impedance	20-50MΩ
Maintenance and cleaning	Polishing tape polishing, deionized water
Reference electrode	SNEX solid liquid interface, stable and pollution resistant
Material	ABS+PVC
Application	Food, electroplating analysis, teaching research, etc
Unit selection	mg/L, ppm, ppb, g/L, mmol/L, %
Temperature range for use	0 - 60.0 °C
Temperature resolution	0.1 °C
TEMPERATURE DISPLAY	Manual/Automatic
Calibration	1-point calibration, 2-point calibration, maximum 3-point calibration
Standard liquid	0.0, 1, 10, 100, 1000, 10000, 100000
Calibration method	Automatic calibration of standard solution, manual input of potential value for calibration
Electrode	Replaceable electrode (CS6910CU2)
Screen	20 * 34 mm multi row LCD backlit display screen
Protection level	IP67
Backlight	Backlight long on (can be turned off)
Automatic shutdown	10 minutes
Power supply	1 * 1.5V AAA battery
Size	(H×W×D) 185×40×48 mm
Weight	125 g

	Model	Electrode	Membrane type	Range ppm	pH Range	Known interference	1000ppm standard mother liquor
Fluoride ion tester	F30	CS6910F	Solid-state membrane	0.02 - 20000	5-8	OH ⁻	Sodium fluoride: 2.21 g/L
Chloride ion tester	CL30	CS6910CL	Solid-state membrane	1 - 35,500	2-12	S ²⁻ , I ⁻ , CN ⁻ , Br ⁻	Potassium chloride: 2.10 g/L
Ammonium ion tester	NH430	CS6910NH4	pvc membrane	0.1 - 18000	4-10	K ⁺	Ammonium chloride: 2.97 g/L
Ammonia ion tester	NH330	CS6912NH3	sensitive film	0.01 - 17000	> 11	Volatile amine	Ammonium chloride: 2.97 g/L
Nitrogen Oxide ion tester	NOx30	CS6912NO2	sensitive film	0.2 - 220	1.1-1.7	CO ₂ , SO ₂ , HF, CH ₃ COOLi, etc	Sodium nitrite: 1.5 g/L
Carbon Dioxide ion tester	CO230	CS6912CO2	sensitive film	10-100000	4.8-5.2	Volatile weak acid	Sodium bicarbonate: 3767777 g/L
Nitrate ion tester	NO330	CS6910NO3	pvc membrane	0.5 - 62,000	2.5-11	ClO ₄ ⁻ , I ⁻ , CN ⁻ , BF ₄ ⁻ , Cl ⁻ , NO ₂ ⁻	Potassium nitrate: 1.631 g/L
Nitrite ion tester	NO230	CS6910NO2	pvc membrane	10 - 2200	2-12	Acetate radical, F ⁺ , Cl ⁻ , NO ₃ ⁻ , SO ₃ ⁻	Sodium nitrite: 1.5 g/L
Potassium ion tester	K30	CS6910K	pvc membrane	0.7 - 98,000	2-12	Cs ⁺ , NH ₄ ⁺	Potassium chloride: 1.91 g/L
Sodium ion tester	Na30	CS6910Na	pvc membrane	0.02-100000	5-12	Ag ⁺ , Li ⁺ , H ⁺	Sodium chloride: 2.541 g/L
Calcium ion tester	CA230	CS6910CA2	pvc membrane	0.2 - 40,000	3 - 10	Pb ²⁺ , Hg ²⁺ , Cu ²⁺ , Ni ²⁺	calcium chloride: 2.775 g/L
Copper ion tester	CU230	CS6910CU2	Solid-state membrane	0.064-6,400	2-12	Hg ²⁺ & Ag ⁺ ; Fe ²⁺ , Br ⁻ , Cl ⁻	Copper nitrate: 3.801 g/L