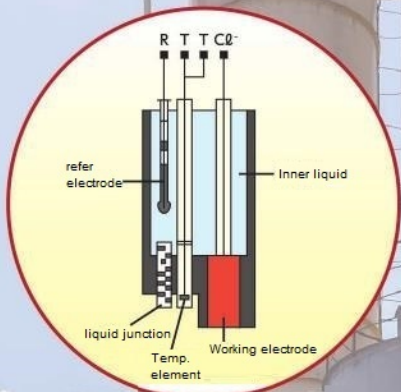


**For measuring salinity of ready-mixed concrete, mortar, etc**

# SALT METER



New Chloride Ion Electrode  
CL-203N



# CL-203N

**RANGE : 0~1.000% Cl<sup>-</sup>**

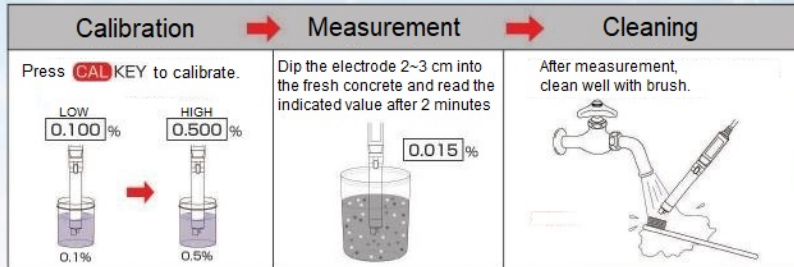
● Display example

<p><b>SALT conc. ↔ SALT content</b></p> <p>MODE</p>		<p><b>Memory function</b> MEMO</p>	
<p>Upper : SALT conc. Lower : Temp.</p>	<p>Water content</p> <p>Water content set</p> <p>● automatic function</p>	<p>Upper : SALT conc. Lower : Temp.</p>	<p>Upper : SALT content Lower : Water content</p>

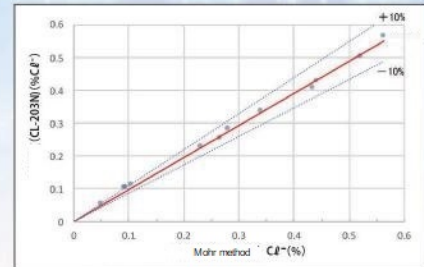
# For measuring salinity of ready-mixed concrete, mortar, and aqueous solutions

# CL-203N SALT METER

## OPERATION



## Correlation of Measurements



## FEATURE

### Measured conc. and content

Conc. [Cl<sup>-</sup>]: 0.001%~1.000%Cl<sup>-</sup>  
Content [kg/m<sup>3</sup>]: 0.001~1.999kg/m<sup>3</sup>

### Newly developed long-life chloride ion electrode

The new chloride ion electrode has excellent stability and durability.

### Memory function

Max. 30 items

### Measured value hold function

This function temporarily holds the display of measured values.

### ISAB not required for calibration

Calibration standards contain ISAB.

### Measured value display hold example



Take a picture with a camera Example

## SPECIFICATIONS

Product Name	[SALT METER] for measuring fresh concrete
Model	CL-203N
Measuring Method	Chloride ion selective electrode
Object	SALT (Cl <sup>-</sup> ) measurement of ready-mixed concrete, etc.
Range	SALT conc. Cl <sup>-</sup> : 0.001~1.000% Chloride content : 0.001~1.999kg/m <sup>3</sup> Cl <sup>-</sup> (After water content is set) Temperature : 0.0~50.0°C
Resolution	SALT conc. Cl <sup>-</sup> : 0.001%Cl <sup>-</sup> Temperature : 0.1°C mV : 1mV
Repeatability	SALT conc. Cl <sup>-</sup> : Within ±2% (for equivalent input) Temperature : Within ±0.5°C (for equivalent input)
Accuracy	SALT conc. Cl <sup>-</sup> : Within ±10% (for Mohr method)
Water content	120~220kg/m <sup>3</sup> (Default setting 165g/m <sup>3</sup> )
Temp. compensation	Automatic
Ambient temp.	0~45°C, 20~80%RH
Calibration	① 0.1%Cl <sup>-</sup> Low calibration ② 0.5%Cl <sup>-</sup> High calibration
Hold function	Hold measurement values function.
Memory function	Max. 30 items
Power source	DC4.5V [LR03X3] Auto power off after 30 min.
Self-diagnosis	S ERR, CAL ERR, Battery mark blinks
Size, Weight	70(W)×173(D)×40(H)mm, 290g

## ELECTRODE SPECIFICATION

Model	CLD-203			
Principle				
Cable length	1m			
Temp.	0~45°C (Recommendation : 5~40°C)			
Material	PP, PVC, AgCl, Ceramics			
Size, Weight	φ16.8×192mm / 130g			
Selectivity	S <sup>2-</sup> , CN <sup>-</sup> = No coexist, I <sup>-</sup> = 10 <sup>-3</sup> , Br <sup>-</sup> , S <sub>2</sub> O <sub>3</sub> <sup>2-</sup> = 10 <sup>-2</sup>			
Standard Component	① Meter	CL-203N	⑨ Sandpaper	2
	② Electrode	CLD-203	⑩ Vinyl cover	1
	③ [0.1%Cl <sup>-</sup> ] Std. solution	250mℓ	⑪ Rod	1
	④ [0.5%Cl <sup>-</sup> ] Std. solution	250mℓ	⑫ Manual	1
	⑤ [0.1%Cl <sup>-</sup> ] Stable solution	250mℓ	⑬ Syringe	1
	⑥ Inner solution	100mℓ	⑭ Carrying case	1
	⑦ Container	3	⑮ Carrying case for Accs.	1
	⑧ Beaker	1	⑯ Blush	1
Option Component	① [0.1%Cl <sup>-</sup> ] Std. solution	250mℓ	:CL203-01-250	
	② [0.5%Cl <sup>-</sup> ] Std. solution	250mℓ	:CL203-05-250	
	③ Inner solution	100mℓ	:CL203in-100	
	④ Electrode	CLD-203		
	⑤ [0.1%Cl <sup>-</sup> ] Stable solution	250mℓ	:CL203st-250	

## Accessory Set

The accessories are stored in a carrying case. Convenient for calibration and cleaning.



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**KASAHARA CHEMICAL INSTRUMENTS CORP.**

代理店

**KRK**