

1. PERFORMANCE

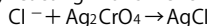
- 1) Sampling method : Immersion method
- 2) Measuring range : 1-60 ppm
- 3) Sampling time : Approx. 3 minutes
- 4) Sample volume : Over 5 mL
- 5) Detectable limit : 0.5 ppm
- 6) Shelf life : 2 years
- 7) Operating temperature : 0~40°C
- 8) Operating PH : 2 - 12
- 9) Reading : Direct reading from the scale
- 10) Colour change : Brown→Pale yellow

2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid.: 5% RSD-high : 5%

3. CHEMICAL REACTION

By reacting with Silver chromate, Silver chloride is produced.



4. CALIBRATION OF THE TUBE

SODIUM CHLORIDE STANDARD SOLUTION METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Bromide ion		Higher readings are given.
Iodide ion		//
Cyanide ion		//
Sulphide ion	The bottom of reagents is changed to Brown and higher readings are given.	

6. SAMPLING METHOD

(Immersion method)

- 1) Cut both ends of a fresh detector tube with an ampule cutter.
- 2) Immerse the end of the tube with side A into the sample solution by capillary action so that the sample solution is rose through the reagent. If Chloride ion exists in the solution, a discolouration will be occurred in the detecting reagent layer from its inlet and the discoloured layer will be given according to the concentration of Chloride ion.

