



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 : 3 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.
 $Cl^- + Ag_2CrO_4 \rightarrow AgCl$

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	Brown stain is produced.	The inlet side of the stain 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.

