



## 1. PERFORMANCE

- 1) Sampling method : Direct sampling method  
(Refer to Page 17)
- 2) Measuring range : 0.01-0.8 %
- 3) Sampling time : 30 seconds
- 4) Sample volume : Over 5 ml
- 5) Detectable limit : 0.002 %
- 6) Shelf life : 2 years
- 7) Operating temperature : 5 ~ 80 °C
- 8) Reading : Direct reading from the scale
- 9) Colour change : Brown → White

## 2. RELATIVE STANDARD DEVIATION

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

## 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	Brown stain is produced.	The bottom of the discoloured layer is changed to Brown and higher readings are given.

## 6. SAMPLING METHOD

(Direct sampling method)

- 1) Cut both ends of a fresh detector tube with a file.
- 2) Squeeze the rubber bulb (an extra option), insert the tube end (B) into it as it is and immerse filled end (A) of the tube.
- 3) Put the thumb off the rubber bulb, and the sample solution shall rise up.
- 4) When the sample solution rises up to (C) of the tube, remove the tube from the rubber bulb and from the sample solution.
- 5) The concentration can be obtained directly from the reading value of scale printed on the tube.
- 6) At concentration over 0.8 %, dilute the sample solution and multiply the readings obtained by the dilution ratio.

