

## 1. PERFORMANCE

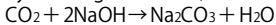
- 1) Measuring range : 0.02-0.7% 0.04-1.4%
- Number of pump strokes 1(100mL) 1/2(50mL)
- 2) Sampling time : 1.5 minutes / 1 pump stroke
- 3) Detectable limit : 0.001% (10 ppm)(100mL)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0~40°C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Pink→Yellow

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

By reacting with alkali, PH indicator is discoloured.



## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Hydrogen cyanide	Similar stain is produced.	1000	Higher readings are given.
Hydrogen chloride	"	30	The accuracy of readings is not affected.
Hydrogen sulphide	"	10	"
Nitrogen dioxide	"	5	"
Sulphur dioxide	"	100	"
Chlorine	Original colour is faded to White.	15	"
Ammonia	The accuracy of readings is not affected.		"

### (NOTE)

In case of 1/2 pump strokes, following formula is available for the actual concentration.

Actual concentration = 2 × Reading value