

## 1. PERFORMANCE

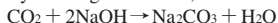
- 1) Measuring range : 0.02-0.7 %    0.04-1.4 %  
     Number of pump strokes    1 (100mℓ)    1/2 (50mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 0.001 % (10 ppm) (100mℓ)
- 4) Shelf life : 1 year
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the 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