

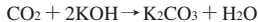
## 1. PERFORMANCE

- 1) Measuring range : 100-2000 ppm    200-4000 ppm
- Number of pump strokes : 1 (100mℓ)    1/2 (50mℓ)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 5 ppm (100mℓ)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump strokes
- 7) Colour change : Pink → Yellow

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION



## 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