

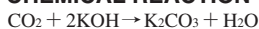
1. PERFORMANCE

- | | | |
|--------------------------|--|--------------|
| 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