



## 1. PERFORMANCE

- |                          |   |               |
|--------------------------|---|---------------|
| 1) Measuring range       | : 200-3,000 ppm   | 400-6,000 ppm |
| Number of pump strokes   | 1 (100mℓ)   | 1/2 (50mℓ)    |
| 2) Sampling time         | : 1 minute/1 pump stroke                                    |               |
| 3) Detectable limit      | : 5 ppm (100mℓ)   |               |
| 4) Shelf life            | : 3 years   |               |
| 5) Operating temperature | : 0 ~ 40 °C   |               |
| 6) Reading               | : Direct reading from the scale calibrated by 1 pump stroke |               |
| 7) Colour change         | : White → Orange  |               |

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 10%    RSD-mid. : 5%    RSD-high : 5%

## 3. CHEMICAL REACTION

Potassium iodate is reduced.



## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Carbon dioxide	The accuracy of readings is not affected.	100	The accuracy of readings is not affected.
Methyl bromide	∕	less than 3	∕
Hydrogen cyanide	∕	3	The stained layer at the side of the gas inlet is bleached out and higher readings are given.
Ammonia	∕	0.6	∕

(NOTE)

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

Actual concentration = 2 × Reading value