



## 1. PERFORMANCE

- |                          |   |           |
|--------------------------|---|-----------|
| 1) Measuring range       | : 3-24 %  | 1.5-3 %   |
| Number of pump strokes   | : 1/2 (50mℓ)  | 1 (100mℓ) |
| 2) Sampling time         | : 1 minute/1/2 pump strokes                                   |           |
|                          | : 1.5 minutes/1 pump stroke                                   |           |
| 3) Shelf life            | : 2 years   |           |
| 4) Operating temperature | : 0 ~ 45 °C   |           |
| 5) Reading               | : Direct reading from the scale calibrated by 1/2 pump stroke |           |
| 6) Colour change         | : Black → White   |           |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

Titanium trichloride is oxidized and Titanium oxide is produced.



## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Sulphur dioxide	The accuracy of readings is not affected.	The accuracy of readings is not affected.
Carbon dioxide	∕	∕
Nitrogen dioxide	∕	∕
Hydrogen sulphide	∕	∕

(NOTE)

When the concentration is below 3%, 1 pump stroke can be used to determine the lower concentration with following formula.

Actual concentration =  $1/2 \times$  Reading value