



## 1. PERFORMANCE

- |                          |   |           |
|--------------------------|---|-----------|
| 1) Measuring range       | : 5-40 %  | 2.5-5 %   |
| Number of pump strokes   | 1/2 (50mℓ)  | 1 (100mℓ) |
| 2) Sampling time         | : 1 minute/1/2 pump strokes                                   |           |
| 3) Shelf life            | : 3 years   |           |
| 4) Operating temperature | : 0 ~ 40 °C   |           |
| 5) Reading               | : Direct reading from the scale calibrated by 1/2 pump stroke |           |
| 6) Colour change         | : Pale blue → Black   |           |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

By reacting with Copper sulphate (II), Cupric sulphide 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.	8	Lower readings are given.
Carbon dioxide	∕		The accuracy of readings is not affected.

(NOTE)

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

Actual concentration = 2 × Reading value