



1. PERFORMANCE

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