



1. PERFORMANCE

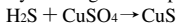
- 1) Measuring range : 0.1-4.0 %
- Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 50 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Pale blue → Black

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with Cupric 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	FIG.1	The accuracy of readings is not affected.	0.5	Lower readings are given.

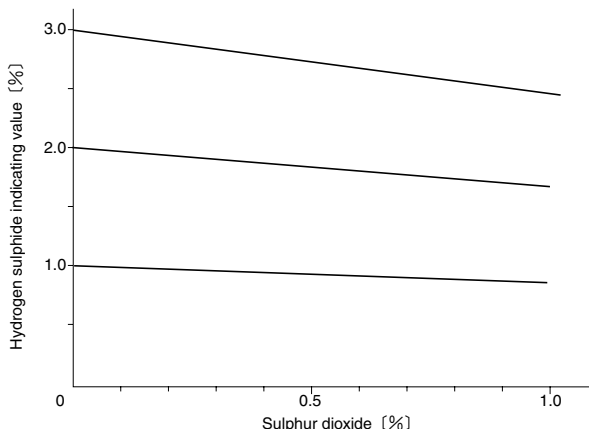


FIG.1 Influence of Sulphur dioxide