

1. PERFORMANCE

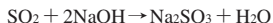
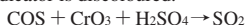
- 1) Measuring range : 5-60 ppm
- Number of pump strokes : 1 (100ml)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (0 ~ 20°C) (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : Pink → Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By decomposing with an Oxidizer, Sulphur dioxide is produced. Sulphur dioxide reacts with Alkali and PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Sulphur dioxide			Higher readings are given.
Hydrogen sulphide			∕
Carbon disulphide			∕
n-Butane		0.1	Lower readings are given.

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)		
	0 °C (32 °F)	10 °C (50 °F)	20-40 °C (68-104 °F)
60	85	70	60
50	75	60	50
40	60	45	40
30	45	35	30
20	30	25	20
10	15	12	10
5	7	6	5