

## 1. PERFORMANCE

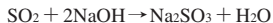
- 1) Measuring range : 5-60 ppm  
Number of pump strokes : 1 (100ml)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (0 ~ 20°C) (See "TEMPERATURE CORRECTION TABLE")
- 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