

1. PERFORMANCE

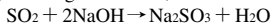
- 1) Measuring range : 20-300 ppm
- Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 3 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Purple → Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with alkali, PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance		ppm	Interference	ppm	Coexistence
Chlorine	FIG.1		Similar stain is produced.	SO ₂ conc. × 1/5	Higher readings are given.
Nitrogen dioxide	FIG.2	100	Pink stain is produced.	∕	∕
Hydrogen Sulphide	FIG.3			SO ₂ conc. × 100	Lower readings are given.

