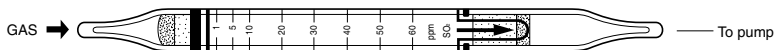


Tube No.
103SD

SULPHUR DIOXIDE



1. PERFORMANCE

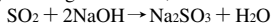
- 1) Measuring range : 1-60 ppm
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 0.5 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40°C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Pink → 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

PERMEATION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	ppm	Coexistence
Chlorine		Pale pink stain is produced.	SO ₂ conc. × 2	Higher readings are given.
Nitrogen dioxide	20	∕	SO ₂ conc. × 1	The top of discoloured layer becomes un clear and higher readings are given.