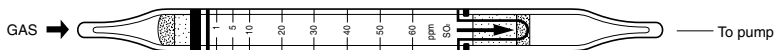


Tube No.  
**103SD**

# SULPHUR DIOXIDE



## 1. PERFORMANCE

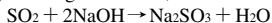
- 1) Measuring range : 1-60 ppm  
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 0.5 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40°C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : 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 <sub>2</sub> conc. × 2	Higher readings are given.
Nitrogen dioxide	20	∕	SO <sub>2</sub> conc. × 1	The top of discoloured layer becomes un clear and higher readings are given.