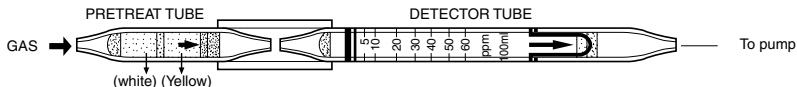


Tube No.
239S

CARBONYL SULPHIDE



1. PERFORMANCE

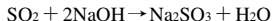
- 1) Measuring range : 5-60 ppm
- Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary under 20 °C (See "TEMPERATURE CORRECTION TABLE")
-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

TEMPERATURE CORRECTION TABLE

Scale 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