

1. PERFORMANCE

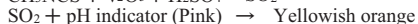
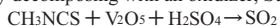
- 1) Measuring range : 0.3-10 ppm 0.66-22 ppm
 Number of pump strokes : 1 (100mL) 1/2 (50mL)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 0.1 ppm
- 4) Shelf life : 1 year (Necessary to store in a refrigerated place ; 0-10°C)
- 5) Operating temperature : 0~ 40°C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : Pink → Yellowish orange

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By decomposing with an oxidizer, Sulphur dioxide is produced and PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Carbon dioxide		35	Higher readings are given.

(NOTE)

The scale is calibrated based on the temperature of 20°C. Reading obtained in other temperature circumstances should be corrected with the following temperature correction coefficient table.

TEMPERATURE CORRECTION COEFFICIENT TABLE (AT 20°C)

Pump stroke	Temperature (°C)	0	5	10	15	20	25	30	35	40
1	Coefficient	1.30	1.23	1.15	1.08	1.00	0.95	0.90	0.85	0.80
		1.70	1.48	1.30	1.11	1.00	0.97	0.95	0.92	0.90

Actual concentration = Reading value x Coefficient for temperature correction