

1. PERFORMANCE

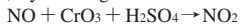
- 1) Measuring range : 20-250 ppm
- Number of pump strokes : 1 (100ml)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 1 year
- 5) Operating temperature : 5 ~ 45 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : White → Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

NO ; By reacting with an Oxidizer, NO₂ is produced.



NO₂ ; By reacting with Diphenylamine, N-Nitroso-diphenylamine is produced.



4. CALIBRATION OF THE TUBE

NO ; STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	ppm	Coexistence
Hydrogen chloride	Over 600	Dark blue stain is produced.		Lower readings are given.
	Over 1,000	Brownish red/Yellow/Dark blue stain is produced.		
Sulphur dioxide			100	∕