

1. PERFORMANCE

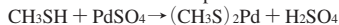
- 1) Measuring range : 50-1,000 ppm
- Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 10 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Pale yellow → Orange

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

It reacts with Palladium sulphate.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	ppm	Coexistence
Chlorine		The accuracy of readings is not affected.	Methyl mercaptan conc. X 1/3	Lower readings are given.
Carbon monoxide	500	Deep grey stain is produced.		The accuracy of readings is not affected If the top of the discolouration can be obtained.
Ethylene	500	∕		∕
Hydrogen sulphide	less than 500	The accuracy of readings is not affected.	650	Higher readings are given.
Nitrogen dioxide	5000	Yellow stain is produced.	1000	∕