



## 1. PERFORMANCE

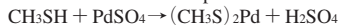
- 1) Measuring range : 50-1,000 ppm  
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 10 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change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