



1. PERFORMANCE

- 1) Measuring range : 5-1,000 ppm
- Number of pump strokes : 2 (200mℓ)
- 2) Sampling time : 4 minutes/2 pump strokes
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 1.5 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 7) Colour change : White → Brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Iodine pentoxide is reduced.



4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Benzene	Similar stain is produced.	5	Higher readings are given.
Toluene	/	5	/
Ethyl Benzene	/	5	/
Methyl alcohol	The accuracy of readings is not affected.	1 %	/
Hexane	Whole layer is discoloured to Pale brown.	0.1 %	The top of discoloured layer becomes unclear and higher readings are given.