



1. PERFORMANCE

- 1) Measuring range : 10-500 ppm
- Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 3 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 : White → Brown

2. RELATIVE STANDARD DEVIATION

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

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.		Higher readings are given.
Xylene	∕		∕
Ethyl benzene	∕		∕
Hexane	Whole layer is discoloured to Pale brown.	0.1 %	Higher readings with indiscernible maximum end point of stained layer are given.
Methyl alcohol	The accuracy of readings is not affected.	1 %	Higher readings are given.