

1. PERFORMANCE

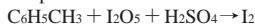
- 1) Measuring range : 10-500 ppm
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 2 minutes/1 pump stroke
- 3) Detectable limit : 3 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : 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.	10	Higher readings are given.
Xylene	∕	50	∕
Hexane	Whole layer is discoloured to Pale brown.	0.1 %	The top of discoloured layer becomes unclear and higher readings are given.
Methyl alcohol	The accuracy of readings is not affected.	1 %	Higher readings are given.