



1. PERFORMANCE

- 1) Measuring range : 0.05-1.2 ppm
- 2) Sampling time : 200mℓ/min × 20min
- 3) Detectable limit : 0.01 ppm
- 4) Shelf life : 1 year (Necessary to store in refrigerated conditions ; 0 ~ 10 °C)
- 5) Operating temperature : 5 ~ 35 °C
- 6) Reading : Scales printed on the tube are calibrated by Toluene at the sampling of 200mℓ × 20min and Ethyl benzene concentration is determined by using a conversion chart.
- 7) Colour change : White → Brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Iodine pentoxide is reduced and Iodine is liberated.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Toluene	Similar stain is produced.	Higher readings are given.
Xylene	∕	∕

(NOTE)

Air sampler is required for this tube.

Ethyl benzene

