



## 1. PERFORMANCE

- 1) Measuring range : 0.1-1.4 ppm
- 2) Sampling time : 200m<sup>l</sup>/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 200m<sup>l</sup> × 20min and Xylene 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 pentoxide 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.
Ethyl Benzene	∕	∕

(NOTE)

Air sampler is required for this tube.

Xylene

