



## 1. PERFORMANCE

- 1) Measuring range : 5-100 ppm  
Number of pump strokes : 1 (100ml)
- 2) Sampling time : 1.5 minutes/ 1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : White → Yellow

## 2. RELATIVE STANDARD DEVIATION

RSD-low : 15 % RSD-mid. : 10 % RSD-high : 10 %

## 3. CHEMICAL REACTION

Iodine pentoxide is reduced.



## 4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Alcohols	Similar stains are produced.	Higher readings are given.
Aliphatic hydrocarbons (more than C <sub>3</sub> ) FIG.3	Whole reagent is changed to Dark brown.	∕
Halogenated hydrocarbons	∕	∕
Ethyl alcohol	∕	∕
Aromatic hydrocarbons FIG.1,2	∕	∕

