

1. PERFORMANCE

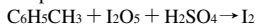
- 1) Measuring range : 2-100 ppm
- Number of pump strokes : 1 (100ml)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 1 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (0 ~ 10 °C) (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : White → Brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Iodine pentoxide is reduced.

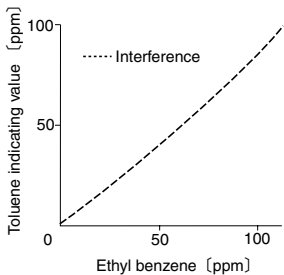
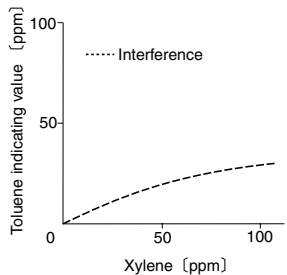


4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

| Substance | Interference | Coexistence |
|---------------------------------------|----------------------------|--|
| Aromatic hydrocarbons FIG.1, FIG.2 | Similar stain is produced. | Higher readings are given. |
| Hexane | | Double-layer stain is produced. If the brown stain is clear, the readings can be obtained by it. |



TEMPERATURE CORRECTION TABLE

| Scale Readings (ppm) | True Concentration (ppm) | | |
|----------------------|--------------------------|--------------|----------------------|
| | 0 °C (32 °F) | 5 °C (60 °F) | 15-40 °C (95-104 °F) |
| 100 | 150 | 125 | 100 |
| 80 | 120 | 100 | 80 |
| 60 | 85 | 75 | 60 |
| 40 | 55 | 45 | 40 |
| 30 | 40 | 35 | 30 |
| 20 | 28 | 23 | 20 |
| 10 | 13 | 10 | 10 |
| 5 | 6 | 5 | 5 |
| 2 | 2 | 2 | 2 |