



1. PERFORMANCE

- 1) Measuring range : 5-200 ppm
- Number of pump strokes : 2 (200ml)
- 2) Sampling time : 3 minutes/2 pump strokes
- 3) Detectable limit : 1 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 8) Colour change : White → Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % 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	ppm	Interference	Coexistence
Toluene	Xylene conc. 1/5	Same stain is produced.	Higher reading are given.
Ethyl acetate		The accuracy of readings is not affected.	The accuracy of readings is not affected.
Methyl isobutyl ketone		//	//
Isobutyl alcohol		//	//

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)		
	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
200	200	300	—
150	150	190	400
100	100	125	150
80	80	100	120
60	60	70	80
40	40	45	50
30	30	30	30