

1. PERFORMANCE

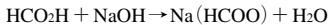
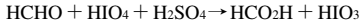
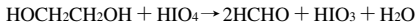
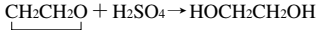
- 1) Measuring range : 5-100 ppm
Number of pump strokes : 2 (200ml)
- 2) Sampling time : 3 minutes/2 pump strokes
- 3) Detectable limit : 0.5 ppm (200ml)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 8) Colour change : Pink → Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By decomposing with an Oxidizer, Formic acid is produced and PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Formaldehyde	Similar stain is produced.	Higher readings are given.
Propylene	∕	∕
Acetone	Yellow stain is produced a little on the gas inlet edge.	Lower readings are given.
Diethyl ether	Pale orange stain is produced a little on the gas inlet edge.	∕

TEMPERATURE CORRECTION TABLE

Scale Readings (ppm)	Corrected Concentration (ppm)				
	0 °C (32 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
100	—	125	100	80	70
80	—	100	80	64	56
60	140	75	60	48	42
40	80	50	40	32	28
20	32	25	20	17	14
10	15	12	10	9	7
5	7	6	5	5	4